



**ADMISSIONS TEST (MANAGEMENT)  
PREPARATION  
QUESTIONS  
2083**



**United College  
Kumaripati, Lalitpur  
Question Set I**

**Direction: Select the word which is closest to the meaning of the capitalized word.**

1. DECISIVE  
a) Cruel                      b) Definite              c) Deliberate              d) Firm
2. RACKET  
a) Trick                      b) Approach              c) Fraud                      d) Bulge
3. PRECEDENT  
a) Chief                      b) Accomplish              c) proof                      d) Example
4. HERALD  
a) Announce              b) Deprive              c) Cultivate              d) Curse
5. DWINDLE  
a) Lesson                      b) Lumpen              c) Itch                      d) Lessen

**Direction: Complete the following sentences with the appropriate choice form among the options that follow**

6. The notice clearly states that trespassers will be.....  
a) persecuted              b) persuaded              c) prosecuted              d) pervaded
7. the police burst tear gas shells to.....the mob.  
a) Apprehend              b) Divert                      c) Disturb                      d) Disperse
8. The dose of sleeping pills proved.....and he died in sleep.  
a) Disastrous              b) Fatal                      c) Effective                      d) Efficacious
9. The thieves tried to..... with the lock but they did not succeed in breaking it.  
a) Tamper                      b)temper                      c) Fiddle                      d)Temperate
10. A referee should be..... in the outcome of the match.  
a) uninterested              b) Disinterested              c) involved                      d) participative

**Direction: Each question below consists of an idiom or a phrase, followed by four lettered expressions. Choose the lettered expression that most nearly expressed the meaning of the given idiom or phrase.**

11. To bring to light  
a) to open a window                      b) To reveal the facts  
c) To switch on the light                      d) To draw the curtains
12. To see red  
a) Stop at the signal                      b) Jump the red signal  
c) To be very angry                      d) To suffer from color blindness
13. Roots and branch  
a) Entirely                      b) Step by step  
c) Part by part                      d) Bare truth

14. In full cry  
 a) To be upset about something  
 c) At a fast pace  
 b) Howling loudly  
 d) At ones best
15. into the bargain  
 a) Buy goods from sales  
 c) A warranty card  
 b) An additional benefit  
 d) At no extra charge

**Direction: The following paragraph has a number of blanks marked 16,17,18,19, and 20 followed by a set of options. Mark the option that best complete the blanks.**

The average new born...16..is about fifty centimeters long. In twenty years, this little body than triples...17... in length. The average height of a man is 1.7 meters. ...18... man does not growing; he continues to grow even after the ..19.. of twenty five and reaches his maximum height at about the age of thirty five. An average person shrinks as much as ten millimeter..20.. ten years after the age of forty.

16. a) Body            b) Infant            c) Kid            d) Child  
 17. a) Itself            b) around            c) Over            d) Last  
 18. a) Since            b) Yet            c) Though            d) However  
 19. a) Ages            b) Years            c) Age            d) Period  
 20. a) in            b) After            c) Every            d) Usually

**Direction: The passage given below is followed by question based on its contents. After reading the passage, choose the answer to each question.**

It is to progress in the human sciences that we must look to undo the evils which have resulted from the knowledge of physical world hastily and superficially acquired by population unconscious of the changes in them selves that the new knowledge has imperative. The road to a happier world than any known in the past lies open before us if atavistic destructive passions can be kept in leash while the necessary adaptations are made.

Fears are inevitable in time, but hopes are equally rational and far more likely to bear good fruit. We must learn to think rather less of the dangers to be avoided than of the good that will lie within our grasp if we can believe in it and let it dominate our thoughts. Science, whatever unpleasant consequences it may have by the way, is in its very nature a liberator, a liberator of bondage to physical nature and in time to come, a liberator from the weight of destructive passions. We are on the threshold of utter disaster or unprecedently glorious achievement. No previous age has been fraught with problems so momentous; and it is to science that we must look to for a happy future.

21. what does science liberates from? It is liberate us from  
 a) Fears and destructive passions  
 b) Slavery to physical nature and from passions  
 c) Bondage to physical nature  
 d) Idealistic hopes of glorious future
22. Should human sciences be developed because they will  
 a) Provide more knowledge of the physical word  
 b) Make us conscious of the changing world  
 c) Make us conscious of the changing in ourselves

- d) Eliminate the destruction caused by a superficial knowledge of the physical world
23. If man's bestial yearning is controlled
- The future will be tolerable
  - The present will be brighter than the future
  - The future will be brighter than the present
  - The present will become tolerable
24. Fears and hopes according to the author
- Are closely linked with the life of modern man
  - Can bear fruit
  - Can yield good results
  - Are irrational
25. To carve out a bright future man should
- Analyze dangers that lie ahead
  - Try to avoid dangers
  - Overcome fear and dangers
  - cultivate a positive outlook

### Section-II: Quantitative Ability

26. Given that 100 milliliters is equal to approximately 0.4 cup, 205 milliliters is equal to approximately how many cup? Which of the following expressions models the solution to the problem above?
- $(100-0.4)(205)$
  - 105% of 0.4
  - $(205-100)(0.4)$
  - 205% of 0.4
27. 18% of the students at a school are in year 8, and 16% of the students are in year 9. If the school has 126 year 8 students, determine the number of year 9 students.
- 108
  - 110
  - 112
  - 114
28. The exam scores of all 500 students were recorded and it was determined that these scores were normally distributed. If Jane's score is 0.8 standard deviation above the mean, then how many, to the nearest unit, students scored above Jane?
- 106
  - 250
  - 394
  - 400
29. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 run?
- 6.25
  - 6.5
  - 6.75
  - 7
30. In a dairy farm, 40 cows eat 40 bags of husk in 40 days. In how many days one cow will eat one bag of husk?
- $1/40$
  - 1
  - 40
  - 80
31. A sum of money at simple interest amounts to Rs.815 in 3 years and to Rs.854 in 4 years. The sum is
- Rs650
  - Rs 690
  - Rs 698
  - Rs 700
32. The difference between simple and compound interests compounded annually on certain sum of money for 2 years at 4% per annum is Re. 1 . The sum (in Rs.) is
- 625
  - 630
  - 640
  - 650
33.  $(1/2)(5/6)(8/5)$
- $5/12$
  - $1/2$
  - $2/3$
  - $4/5$

34. If  $5^a = 3125$ , then the value of  $5^{(a-3)}$  is  
 a) 25                      b) 125                      c) 625                      d) 1625
35. A homeowner is planning to use carpet tiles to cover the floor of a room measuring 9 feet by 10 feet 8 inches. If the carpet tiles are 8 inches wide and 1 foot long and there are no gaps between the tiles as they are placed on the floor, how many carpet tiles will the homeowner need to cover the floor of the room  
 a) 100                      b) 135                      c) 144                      d) 150
36. Seats for Mathematics, computer and Accounting in a school are in the ratio 5: 7: 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?  
 a) 2:3:4                      b) 6:7:8                      c) 6:8:9                      d) None of these
37. Look at this series: 7,10,8,11,9,12,..... What number should come next?  
 a) 7                      b) 10                      c) 12                      d) 13
38. look at this series: 58,52,46,40,34,..... What number should come next?  
 a) 26                      b) 28                      c) 30                      d) 32
39. If  $6x+5 = -x+40$ , then  
 a)  $x=-9$                       b)  $x= -5$                       c)  $x=5$                       d)  $x=9$
40. The slope of the line determined by the equation  $3x+y=4$  is  
 a) -3                      b)  $1/3$                       c)  $3/4$                       d) 3
41. The three solutions of the equation  $f(x) = 0$  are -2,0, and 3. Therefore, the three solutions of the equation  $f(x-2) = 0$  are  
 a) -4, -2, and 1                      b) -2,0 and 3                      c) 4,2, and 5                      d) 0,2 and 5
42. If the function  $f(x)= x^5-1$ , then  $f^{-1}$ , the inverse function of  $f$ , is defined by  $f^{-1}(x)=$   
 a)  $1/(\sqrt[5]{x} + 1)$                       b)  $1/\sqrt[5]{x + 1}$                       c)  $\sqrt[5]{x - 1}$                       d)  $\sqrt[5]{x + 1}$
43. The set of all points  $(e^t, t)$ , where  $t$  is a real number, is the graph of  $y=$   
 a)  $1/e^t$                       b)  $e^{1/t}$                       c)  $te^{1/t}$                       d)  $\ln t$
44. Simplify:  $(z^6)(z^{-2})$   
 a)  $z^3$                       b)  $z^4$                       c)  $z^8$                       d)  $z^{-12}$
45. There are 5 numbers in data series. First number of the data series is 14 and mean, median and mode are 10,9 and 6 respectively. Find the 5 numbers:  
 a) 14,6,9,6,15                      b) 14,9,9,9                      c) 14,9,10,8,9                      d) 14,9,9,6,12
46. When a metallic ball bearing, is placed inside a cylindrical container, of radius 2 cm, the height of the water, inside the container, increases by 0.6cm . the radius, to the nearest thousandth, that 7 devices function properly is  
 a) 1cm                      b) 1.2cm                      c) 2cm                      d) 0.6cm
47. The probability that an electronic device produced by a company does not function properly is equal to 0.1. if 10 devices are bought, then the probability, to the nearest thousandth, that 7 devices function properly is  
 a) 0.057                      b) 0.478                      c) 0.001                      d) 0

48. In a box, there are 8 red, 7 blue and 6 green balls. One ball is picked up randomly. What is the probability that it is neither red nor green?  
 a)  $1/3$                       b)  $3/4$                       c)  $7/9$                       d)  $8/21$
49. Given a sequence 1,4,9,16,20,36,49, find the odd man out  
 a) 2                              b) 9                              c)20                              d)49
50. A school committee consists of 2 teachers and 4 students. The number of different committee that can be formed from 5 teachers and 10 students is  
 a) 8                              b) 10                              c) 15                              d) 2100

### Section III: Logical Reasoning

**Direction: Read the following passage carefully and select the right answer**

51. Journalist: To reconcile the need for profits sufficient to support new drug research with the moral imperative to provide medicines to those who most need them but cannot afford them, some pharmaceutical companies feel justified in selling a drug in rich nations at one price and in poor nations at a much lower price. But this practice is unjustified. A nation with a low average income may still have a substantial middle class better able to pay for new drugs than are many of the poorer citizens of an overall wealthier nation.

Which one of the following principles, if valid, most helps to justify the journalist's reasoning?

- a) People who are ill deserve more consideration than do healthy people, regardless of their relative socioeconomic positions.
  - b) Wealthy institutions have an obligation to expend at least some of their resources to assist those incapable of assisting themselves
  - c) Whether one deserves special consideration depends on one's needs rather than on characteristics of the society to which one belongs.
  - d) the people in wealthy nations should not have better access to health care than do the people in poorer nations.
  - e) Unequal access to health care is more unfair than an unequal distribution of wealth.
52. Several critics have claimed that any contemporary poet who writes formal poetry – poetry that is rhymed and metered- is politically conservative act. This is plainly false. Consider Molly peacock and Marilyn Hacker, two contemporary poets whose poetry is almost exclusively formal and yet Who are themselves politically progressive feminists.

The Conclusion drawn above follows logically if which one of the following is assumed?

- a) No one who is a feminist is also politically conservative.
- b) No poet who writes unrhymed or unmetered poetry is politically conservative.
- c) Anyone who sometimes Writes poetry that is not politically conservative never writes poetry that is politically conservative.
- d) No one who is politically progressive is capable of performing a politically conservative act.
- e) The content of a poet's work, not the work's form, is the most decisive factor in determining what political consequences, if any, the work will have.

53. Situation: In the island nation of Bezun, the government taxes gasoline heavily in order to induce people not to drive. It uses the revenue from the gasoline tax subsidize electricity, in order to reduce prices charged for electricity.
- Analysis: the greater the success achieved in meeting the first of these objectives, the less will be the success achieved in meeting the second.
- The analysis provided for the situation above would be most appropriate in which one of the following situations?
- a) A library charges a late fee in order to induce borrowers to return books promptly. The library uses revenue from the late fee to send reminders to tardy borrowers in order to reduce the incidence of overdue books.
  - b) A mail-order store imposes a stiff surcharge for overnight delivery in order to limit use of this option. The store uses revenue from the surcharge to pay the extra expenses it incurs for providing the overnight delivery service.
  - c) The park management charges an admission fee so that a park's users will contribute to the park's upkeep. In order to keep admission fees low, the management does not finance any new projects from them.
  - d) A restaurant adds a service charge in order to spare customers the trouble of individual tips. The Service charge is then shared among the restaurant's workers in order to augment their low hourly wages.
  - e) The highway administration charges a toll for crossing a bridge in order to get motorists to use other routes. It uses the revenue from that toll to generate a reserve fund in order to be able one day to build a new bridge.
54. The ancient Romans understood the principles of water power very well, and in some outlying parts of their empire they made extensive and excellent use of water as an energy source. This makes it all the more striking that the Romans made do without water power in regions dominated by large cities. Which one of the following if true contributes most to an explanation of the difference described above in the Romans use of water power?
- a) In heavily populated areas the introduction of water power would have been certain to cause social unrest by depriving large numbers of people of their livelihood.
  - b) In the areas in which water power was not used, water flow in rivers and streams was substantial throughout the year but nevertheless exhibited some seasonal variation.
  - c) Water power was relatively vulnerable to sabotage, but any damage could be quickly and inexpensively repaired.
  - d) In most areas to which the use of water power was not extended, other, more traditional sources of energy continued to be used.
  - e) The ancient Romans were adept at constructing and maintaining aqueducts that could carry quantities of water sufficient to supply large cities over considerable distances.
55. Karuna: As we both know, the population of this country is aging. Elderly people generally prefer not to live in harsh climates characterized by extreme temperatures. Accordingly, in this country's coastal regions, where the climate is generally most temperate, the population is likely to grow, while other regions are likely to suffer population declines.

Mira: I disagree with few exceptions, regions where the climate is harsh are characterized by comparatively low living costs, a compelling factor for retired people with little savings and on fixed incomes.

Which of the following is the most likely point of disagreement between Karuna and Mira?

- a) The reason for the population shift toward coastal areas and away from other regions.
  - b) Whether the country's current decline in overall population will continue in the foreseeable future.
  - c) Why older people find certain regions where the climate is harsh attractive places to live.
  - d) Whether regions characterized by harsh climates are likely to experience population declines in the foreseeable future.
  - e) The extent to which coastal regions are affordable places to live for retired people.
56. An avid television viewer is statistically more likely to take sleeping pills at bedtime than a person who enjoys listening to classical music but does not watch television as a habit. Clearly, listening to classical music just before bedtime contributes to more restful night's sleep, whereas watching television before bedtime has the opposite effect.

Which of the following, if true, most seriously weakens the above argument?

- a) Reading a book before bedtime contributes to restful sleep more than listening to music does.
  - b) People who enjoy classical music typically like to read just before bedtime.
  - c) Sleeplessness is more common among people who watch late-night television than among people who do not.
  - d) Engaging in bedtime activity that is mentally stimulating often interferes with a person's ability to fall asleep.
  - e) A silent environment is less conducive to restful sleep than an environment with calming ambient sounds.
57. Everyone who is compassionate is kind, and someone who has experienced life's challenges is invariably compassionate. Jeremy is kind, so he has experienced life's challenges.

Which one of the following exhibits a pattern of flawed reasoning most similar to that exhibited above?

- a) Roberta is a highly productive person. Every person who is motivated is highly productive, and every person who is organized is motivated. Therefore, Roberta is very organized.
- b) Nice people are always sympathetic people, and those who have experienced hardships always end up being nice. Betsy is not a sympathetic person, so Betsy has not experienced hardships.
- c) Almost everyone who loves black and white films is a movie buff, and all movie buffs enjoy popcorn. Sasha does not love black and white films, so Sasha probably does not enjoy popcorn.
- d) Patience requires an even temperament, and being a good parent certainly requires patience. James has no patience, so James is not a good parent.
- e) Successful entrepreneurs are either confident or experienced. Yoshi is a successful entrepreneur, and he is not experienced. Therefore, Yoshi is confident.

**Directions: Read the following Passage and answer the Questions no 58 to 61.**

A chess tournament is occurring in the local community school, and the players at all four of the tables are engaged in their fourth game against their prospective opponents.

The players with white pieces are: David, Gerry, Lenny and Terry

The players with black pieces are: Don, Mike, Richie and Stephen

The Scores are 3:0, 2.5:0.5, 2:1, 1.5:1.5

(note: tied games result in a score of 0.5 points for each player)

Lenny is playing at the table to the right of Stephen, who has lost all of his games until now. Gerry is playing against Mike. At least one game at table 1 has resulted in a tie. Richie, Who is not in the lead over his opponent, has not been in a tied game. The player who is using the white places at table 4 is Terry, however, the current score at table 4 is not 2:1 Don is leading his match after his last three games.

58. What table is Stephen playing at, and what is the score at that table?

- a) Table 1, 2.5:1.5      b) Table 1, 3:0      c) table 2, 3:0  
d) Table 2, 2.5:1.5      e) Table 3, 2:1

59. Whose score is highest?

- a) Mike                      b) Stephen                      c) Richie  
d) David                      e) Lenny

60. Which player has black piece and is tied?

- a) David      b) Mike                      c) Richie      d) Don                      e) Terry

61. Who is the winning player at table 4?

- a) Don      b) Terry      c) David      d) Gerry      e) Richie

**Direction: Read the following Passage and answer the following Question no 62.**

Larry has purchased a device that the manufacturer claims will reduce the fuel consumption in his car. After a month has passed, Larry determines that this mileage currently rests at 17 miles per gallon. Larry's best friend, Steve, owns the exact same make and model car, and has calculated his mileage at 23 miles per gallon. Steve's car does not have the device that Larry purchased one month ago. Larry then makes the conclusion that the manufacturer of the device claim is not true.

62. Which of the following statements would cause Larry's conclusion to be the weakest?

- a) Though Larry has the same make and model of car as Steve, Larry's car is 15 years older.  
b) Larry was driving in the city, whereas Steve drives the highway.  
c) Larry Purchases a lower grade of gasoline than Steve.  
d) Steve lied, he actually only gets 15 miles per gallon  
e) Before buying the device, Larry had never before calculated the mileage of his car.

**Direction: Read the following passage and answer the following Question no. 63 to 66.**

A petrochemical plant manufactures a range of hazardous chemical products and must therefore follow strict guidelines concerning how each of the chemicals may interact with one another on a daily basis. The plant processes five different chemicals every week. Three of these chemicals can be processed on any given day.

Xenon may be processed any day except for every other Monday and every other Thursday.

Oxygen can be processed only on Tuesdays and Wednesdays.

Liquid hydrogen may be processed on Mondays, Wednesdays and Fridays.

Sulfur dioxide can't be processed on Fridays.

Methane can't be processed on Wednesday.

63. What are the three chemicals that can be processed on any given Monday?
- Liquid hydrogen, xenon, and oxygen
  - Methane, oxygen, and sulfur dioxide
  - Methane, xenon, and oxygen
  - Sulfur dioxide, Methane, and liquid hydrogen
  - Xenon, oxygen, and sulfur dioxide
64. Which Monday is most likely to be impossible for three chemicals to be processed in any day?
- Monday
  - Tuesday
  - Wednesday
  - Thursday
  - Friday
65. There are three chemicals that can be processed on Friday. What are they?
- Oxygen, Methane, and liquid hydrogen
  - Liquid hydrogen, Methane, and sulfur dioxide
  - Liquid hydrogen, methane, and xenon
  - Methane, oxygen, and xenon
  - Liquid hydrogen, oxygen, and sulfur dioxide
66. On which days of the week can they process liquid hydrogen and only an additional two chemicals?
- Monday and Tuesday
  - Tuesday and Thursday
  - Wednesday and Friday
  - Thursday and Friday
  - Monday and Friday

**Direction : Select logically the best answer for the following questions.**

67. If FRAGRANCE is written as SBHSBODFG, how can IMPOSING be written?
- NQPTJHOJ
  - NQPTJOHJ
  - NQTPJOHJ
  - NQPTJOHI
68. If ROBUST is coded as QNATRS in a certain language, which word would be coded as ZXCMP?
- QYDNQ
  - QWDLQ
  - BEZOR
  - YYBNO
69. If BE QUICK is coded as ZC OSGAI, then the code of the letter of the third word in the sentence I LOVE MY COUNTRY is
- A
  - T
  - Y
  - W
70. If ZEBRA can be written as 2652181, how can COBRA be written?
- 302181
  - 31822151
  - 3152181
  - 1182153

**Direction: Question 71 to 75 follows the given pattern. Select the appropriate pattern.**

71. Horse : Mare ::
- Fox : Vixen
  - Duck : Geese
  - Dog : Puppy
  - Donkey : Pony
72. Cricket : Pitch ::
- Ship : Dock
  - Boat : Harbor
  - Boxing : Ring
  - Wrestling : Track
73. Oceans : Deserts :: Waves :?
- Dust
  - Sand Dunes
  - Ripples
  - Sea
74. Grain : Stock :: Stick :?
- String
  - Heap
  - Collection
  - Bundle

75. Cube is related to square in the same way as Square is related to  
 a) Plane                    b) Triangle    c) Line                    d) Point
76. Which country do sinologists study?  
 a) Japan                    b) China            c) Korea                    d) Singapore
77. What was the first James Bond film?  
 a) Dr. No                    b) from Russia with love  
 c) Thunderbolt                    d) star Wars
78. Which human rights organization founded in 1961 got Nobel peace prize in 1977?  
 a) UNHCR                    b) European Human Rights commission  
 c) Amnesty International    d) International court of justice
79. Whose autobiography was The Long Walk to Freedom?  
 a) a) Mahatma Gandhi                    b) Nelson Mandela  
 c) Md.Ali Jinnah                    d) Subas Chandra Base
80. Who ran through the streets naked crying Eureka?  
 a) Aristotle                    b) Albert Einstein  
 c) Archimedes                    d) Right Brothers
81. The vegetable Broccoli belongs to which family?  
 a) Cabbage                    b) Cauliflower    c) Potato                    d) Spinach
82. What links the names Botvink, Tal, karpov, Fischer?  
 a) They are Cricketers  
 b) They are chess champions  
 c) They are Lawn Tennis players  
 d) They are world class footballers
83. What is the national flower of Japan?  
 a) Rose    b) Mary Gold    c) White Lily    d) Chrysanthemum
84. Which medical tool was developed by Sanctorius in 1612?  
 a) Thermometer                    b) Blood Pressure Measurement  
 c) Glucometer                    d) X-Ray
85. What is known as the business portfolio that provides a steady dependable source of income which provides money for the rest of the business?  
 a) Star    b) Dogs                    c) Question marks    d) Cash Cows
86. A financial ratio which gives an indication of whether or not a company can pay its short-term debts is known as:  
 a) Current ratio                    b) Acid test ratio  
 c) Breakeven point                    d) Capital to assets ratio
87. What do you understand by FMCG?  
 a) Forward Marketing core Group  
 b) Former Manager of Chaudhary Group  
 c) Fast moving consumer Goods  
 d) Feeling Management of control Group

88. What does Gratis mean?  
 a) To give a gift to a loved one      b) To give something free-of-cost  
 c) To give advice                              d) To give a lecture
89. To which country the Nikkei Index belong to?  
 a) Hong-kong                              b) China              c) Japan              d) Singapore
90. In which district is the Rara Lake located?  
 a) Dolpa                              b) Mugu              c) Jumal              d) Kalikot
91. Which of the following newspaper is not published daily?  
 a) Kantipur b) The Himalayan times    c) Nagarik d) Bimarsha
92. To which sports does Jes Rodriguez belong to?  
 a) Cricket    b) Football    c) Hockey    d) Lawn Tennis
93. Which of the following book is not part of the four “Bedas”?  
 a) Rigbed    b) Atharvabed    c) Samabed    d) Dhanurbed
94. Which tax is levied on production?  
 a) Income tax      b) Custom duty              c) Exise duty              d) Sales tax
95. A tax payable on profits made on the sale of certain types of assets by a company or individual is known as:  
 a) Property tax    b) Capital Gains tax    c) Wind fall tax    d) Income tax
96. Recently, Super Typhoon Neoguri, the strongest typhoon so far in the 2014 Western pacific season smashed which of the following countries?  
 a) Japan    b) New Zealand                              c) Australia    d) China
97. How many ring are there on the Olympic flag?  
 a) There              b) Four              c) five              d) Six
98. Where in your body is your patella?  
 a) Knee              b) Cheek              c) Neck                              d) Backbone
99. Which bird like mammal lays egg?  
 A) Kiwi    b) Emu              c) Ostrich                              d) Duck-billed platypus
100. Who Starred as the six Million Dollar Man in the Hollywood movie?  
 a) Charles Bronson                              b) Lee Majors  
 c) John Lennon                              d) jimmy Holbrook

**United College  
Kumaripati, Lalitpur  
Question Set II**

**Full Marks:100  
Pass marks:40**

**Section I: Verbal Ability**

**Direction: Select the word which is closest to the meaning of the bold word.**

1. **Fallacy**  
a. A wrong idea or belief    b. Something not expected  
c. Falsely implicated        d. Under the command of
2. **Impeccable**  
a. Faulty    b. ductile        c. intolerable    d. Flawless
3. **Witty**  
a. Ingenious                      b. speedy        c. foolish        d. Awkward
4. **Slump**  
a. High spirits    b. low spirits                      c. sharp fall    d. Nexus
5. **Succumb**  
a. fell ashamed    b. to yield    c. smoother    d. shrine
6. **Plants absorb moisture .....**the air.  
a. for        b. in            c. from        d. to
7. **It is vain to calculate .....**an uncertain result.  
a. upon        b. over        c. for            d. into
8. **Places of honor and confidence are free .....**all.  
a. for        b. among        c. with        d. to
9. **Can you guess .....**the mortal of this story?  
a. on        b. upon        c. at            d. over
10. **I hope you will excuse me for encroaching .....**your valuable time.  
a. upon        b. with        c. over        d. at.

**Direction: Each question below consists of an idiom or a phrase, followed by four lettered expressions.**

**Choose the**

**lettered expressions that most nearly express the meaning of the given idiom or phrase.**

11. **To call a spade.**  
a. to speak the plain truth    b. to work on ground  
c. to make a beginning        d. a false praise
12. **To break the ice**  
a. to break a promise to work in winter    b. to take rest for some time after work  
c. to break the silence to get over initial    d. to lay the foundation
13. **A cat and dog life**  
a. best understanding                              b. friendship amongst the people of same class

- c. always quarrelling
- d. purposeless
- 14. To be last in the clouds
  - a. to be perplexed
  - b. to fly deep in the clouds
  - c. to imagine about something impossible
  - d. to achieve unprecedented success
- 15. Spread like wild fire
  - a. to circulate information quickly
  - b. to circulate information step by step
  - c. to make publicity
  - d. unable to stop

**Direction: Read the passage carefully and answer the question given at the end by picking out the most suitable response to each question.**

It is no easy life that lies before a scientific investigator. He has to steel his body, and nerves, to the most. There is to be for him n life of ease. It is to be the unending struggles. Even after all this, there is no assurance whatever of success to reward him for his ceaseless toil. He has to cast his life as a offering, regarding gain or loss, success or failure, as one. This well perhaps be better realized when is recount the real history of the conquest of the air. I had the unusual opportunity of coming in close contract with the work if the man to whom this great achievement is ultimately due. Many leaves had previously been sacrificed in various ineffective attempts before the investigation of the supporting power of moving surfaces was scientifically taken up by Langley in America. Agent many years of patient experimentation, new data were obtained, which were contrary to all previously, accepted theories of aerodynamics. When a large machine which to make its flighty before the public in this public demonstration a small screw was left loose by the carelessness of a workman with the result that machine, instead of rising, was precipitated into the river. A chorus of derision arose which was magnified by the press and Langley died of a broken heart. This was often been the fate of great investors and discoverers. But the lure that draws heroic souls is not the success which can easily be achieved, but defeat and tribulation in the pursuit of the unattainable.

- 16. Langley’s experiment failed due to
  - a. faulty design
  - b. careless of Langley
  - c. carelessness of a workman in fitting a screw
  - d. unattainable pursuit
- 17. What is meant by the phrase to steel his body?
  - a. to be fair looking
  - b. capable of deceiving others
  - c. capable of sustaining stress and strain
  - d. to become then and lean
- 18. Langley worked in the field of
  - a. thermodynamics
  - b. aerostatics
  - c. hydrostatics
  - d. aerodynamics
- 19. ‘Derision’ implies
  - a. reducible
  - b. praise
  - c. publicity
  - d. public honor
- 20. Langley’s design was based on
  - a. hypothesis
  - b. law of aerodynamic
  - c. experimental data
  - d. imaginary ideas

**Direction: The following paragraph has a number of blanks marked numbered followed by a set of options. Mark options that best complete.**

Books are by far the most .....21..... Product of human effort. Temple's .....22..... to ruin, pictures, statues decay; but books live. Time is no account with great thoughts which are fresh today .....23..... when they first penetrated through their author's minds ages ago. As was then through and said, still speaks to us as .....24..... as ever from the printed page. The only effect of time .....25..... to shirt and window out the bad products, for nothing in literature can ever survive which is not really good.

21. a. lasting    b. everlasting    c. temporary    d. permanent  
22. a. breakdown                      b. fall                      c. broken    d. crumble  
23. a. such    b. that                      c. as                      d. so  
24. a. clearly    b. vividly    c. graphically    d. manifestly  
25. a. is                      b. had been    c. has been    d. has

### Section II: Quantitative Ability

26. Find the greatest number which will divide 201 and 361 leaving remainders 6 and 10 respectively.  
a. 15                      b. 51                      c. 39                      d. 65
27. The value of the expression  $16x^2 + 24x + 9$  for  $X = -3/4$  is  
a. 2                      b. 1                      c. 0                      d. -1
28. A plane left 30 minutes late than the scheduled time and in order to reach its destination 1500 km. away in time it has to increase its speed by 250 km./hour from its usual speed. Find its usual speed.  
a. 1000 km./hour                      b. 750 km./hour  
c. 50 km./hour                      d. 600 km./hour
29. A contractor undertakes to make a road in 30 days and employ 15 men. After 24 days, he finds that only half of the work is done, how many extra men should he now employ so that he is able to complete the work in time?  
a. 12                      b. 30                      c. 45                      d. none
30. In a rafting situation, a boat goes 30 km. downstream in 75 minutes and the same distance upstream in 90 minutes. The speed (in km./hour) of the stream is  
a. 2                      b. 3                      c. 4                      d. 6
31. A sells an article of B at profit of 20% and B sell it to C at a profit of 25%. If C buys it for Rs.225 what did A pay for it?  
a. Rs.100    b. Rs.125    c. Rs.150    d. Rs.175
32. How many of the integers between 20 and 40 are odd?  
a. 10                      b. 11                      c. 12                      d. 13
33. One-half of a number is 17 more than one-third of that number. What is the number?  
a. 52                      b. 84                      c. 102                      d. 112
34. A diagram of a plane drawn to the scale of 0.5 inch equals 80 feet. If the length of the diagram is 4.5 inches the actual length of the plane is  
a. 720 ft.    b. 680 ft.    c. 640 ft.    d. 360 ft.
35. How many terms of the sequence -12, -9, -6, -3, must be taken to make the sum 54?  
a. 13                      b. 12                      c. 14                      d. 11

36. An owner of restaurants earns a profit of 30% per person in a dinner even after allowing a discount of 35% on the listed price. If the list price is Rs.250, what is the cost price?  
 a. Rs.120    b. Rs.125    c. Rs.150    d. Rs.180
37. Today is the birthday of Mohan and he is 3 times as old as Hari. In 13 years, Mohan will be one year less than twice as old as Hari will be then. What is the age of Mohan today?  
 a. 12 years    b. 24 years    c. 36 years    d. 48 years
38. If A:B:C = 5:7:3 and B:C = is  
 a. 5:7    b. 15:12    c. 3:7    d. 7:3
39. In the equation  $y = x^2 + rx - 3$ , for what value of r will be  $y = 11$  when  $x = 2$ ?  
 a. 5    b. 4    c. 3    d. 2
40. The average of 8 numbers is 6; the average of 6 other numbers is 8. What is the average of all 14 numbers?  
 a.  $5 \frac{5}{7}$     b.  $6 \frac{6}{7}$     c.  $7 \frac{2}{7}$     d.  $8 \frac{1}{7}$
41. How many years will a sum of money becomes double at 10% per annum simple interest?  
 a. 5 years    b. 8 years    c. 10 years    d. 20 years
42. A company reports that 2000 electronic parts were found defectively. If this represents 6.25% of the total shipment, how many of these parts were shipped?  
 a. 3200    b. 17000    c. 32000    d. 34000

**Question number 43-46 is based on following data. Select the best answer.**

Description	2000/01	2001/02	2002/03	2003/04
	44	40	43	42
Sugar	80	86	90	89
Cigarette	59	64	66	65
Beer	58	59	62	63
Matches				

Source: Economic Survey 2004.05, Ministry of Finance.

43. On the average which year shows the highest capacity utilization of the industries?  
 a. 2000/01    b. 2001/02    c. 2002/03    d. 2003/04
44. Which industry has highest variation of the capacity utilization within four selected years?  
 a. Sugar    b. Cigarettes    c. Beer    d. Matches
45. Comparing cigarettes and beer, and cigarettes and matches in which year the difference in the capacity utilization is highest?  
 a. 2000/01    b. 2001/02    c. 2002/03    d. 2003/04
46. Comparing cigarettes and beer, and cigarettes and matches in which year the difference in the capacity utilization is lowest?  
 a. 2000/01    b. 2001/02    c. 2002/03    d. 2003/04

47. The price of balcony seat in a theatre is one-third of a seat in the orchestra. When completely sold out the total tickets from 600 orchestra seats and the 450 balcony seat are Rs.4500, what is the price of one orchestra seat?  
 a. Rs.3      b. Rs.4      c. Rs.5      d. Rs.6
48. IF the length of rectangle is increased by 20% and the wide of the same rectangle decreased by 20% then the area of the rectangle,  
 a. decrease by 20%      b. decrease by 4%  
 c. increase by 20%      d. increase by 4%
49. If the sum of the roots of the quadratic equation is 6 and product of the roots is also 6, then the equation is  
 a.  $x^2-6x+6 = 0$       b.  $x^2+6x-6 = 0$   
 c.  $x^2-6x-6 = 0$       d.  $x^2+6x+6 = 0$
50. If  $A = \{1,2,3,\dots,9\}$ ,  $B = \{2,4,6,7,8\}$  and  $C = \{3, 4,5,8,9,10\}$  than  $A \cup B \cup C = ?$   
 a.  $\{1,2,3,\dots,10\}$       b.  $\{1,3,5,7,9\}$   
 c.  $\{2,4,,6,8,10\}$       d.  $\{1,3,5,8,9,10\}$

### Section III: Logical Reasoning

Identify the relationship that exists between the given pair of words and identify the pair among the answer choices that have the same relationship as in the give pair.

51.Kilometer : Mile:

- a. Hectare : Area      b. Second: Time      c. Meter : Yard      d. Degree :Thermometer

52.Stars:Galaxy:

- a. Planets : Constellation      b. Teachers : School      c. Fleet : Rockets      d. Planets : Solar system

53.Fish:Shoal:

- a. Cow : Farm `      b. Wolf : Pack      c. Herd : Peacock      d. Elephant : Jungle

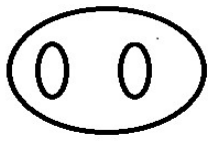
54.Tree:Branches

- a. River : Tributaries      b. Continent : Island      c. Stream : Delta      d. Ocean : Sea

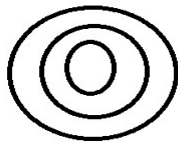
55.Satisfy: Hunger:

- a. Quench : Thirst      b. Frantic : Composed      c. Quell : Rebellion      d. Cheerful : Euphoric

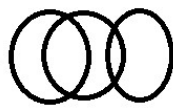
Identify which Venn diagram describes the relationship between the words in 56 to 60.



A



B



C



D

56. Ram, Balaram, Parshuram, Narayan

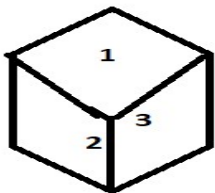
57. Kathmandu, Basantapur, Bagmati, Nepal

58. World cup, Cricket, Football, BBACUP

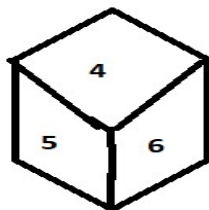
59. Calcutta, Mumbai, Chennai, Bangluru

60. Nepal, India, BIMSTEC, Pakistan

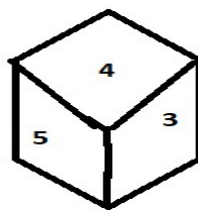
61. If we take a standard dice, which of the following image is not possible to form,



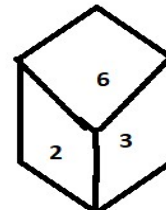
A



B



C



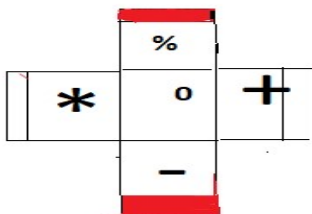
D

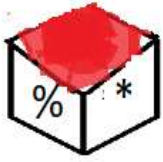
62. What will be opposite of six in a standard dice,

- a.1                      b.2                      c.3                      d.4

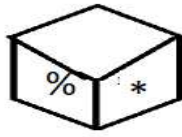
63. Which of the following figure is not possible, given the sides of box are folded.

**\*\* (Note smaller parts are half the size of bigger part)**

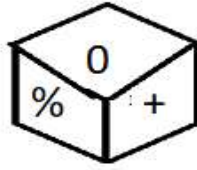




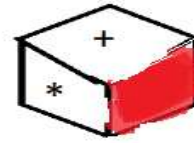
A



B

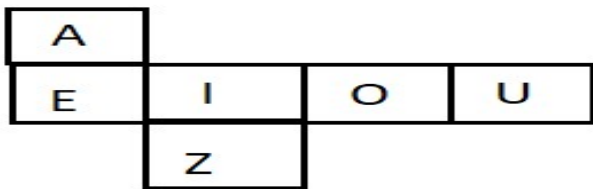


C



D

64. When folded the sides of the box, the opposite of the U will be,



- a. A      b. Z      c. E      d. I

65. From the figure of 64, Opposite of A will be,

- a. Z      b. E      c. O      d. U

From the following Equations, Deduce the correct answer for 66 to 68

$$4 * 5 = 10$$

$$4 + 5 = 20$$

$$4 - 5 = 11$$

$$4 / 5 = 1$$

$$66. (2 * 3) + (2 - 3)$$

- a. 4      b. 3      c. 1      d. 7

$$67. (7/4) * (4 - 4)$$

- a. 12      b. 24      c. 0      d. 6

$$68. (2 + 2) / (3 - 4)$$

- a. -4      b. -1      c. 4      d. 1

69.  $\frac{1}{2}$  of a rod is painted red. Now,  $\frac{2}{4}$  of the remaining unpainted part is painted green, if the length of the rod is 8m. Length of rod to be painted is,  
 a.4m                      b.2m                      c.6m                      d.1m
- 70.If an ant climbs certain height in a second and falls half the height it climbed in another second. If the ant climbs 30m wall in 27 seconds. How many meters it climbs in a second.  
 a.2m                      b.6m                      c.4m                      d.1m
- 71.Ram's rank is 12<sup>th</sup> from left to right. Sita's rank is 4<sup>th</sup> from right to left. If there are no students between Ram and Sita, total number of students in that row is,  
 a.12                      b.13                      c.14                      d.15
- 72.In 2,4,8,10..... series, the 101<sup>th</sup> term is,  
 a.202                      b.101                      c.204                      d.104
73. In certain code, KNIGHT is coded as NKLDKQ then, HOARSE will be coded as  
 a. KLDIOB    b. KLDOVB    c. KLDVUB    d. KLDUVB
74. If KRISHNA is KSJTIOA, RAMAYAN will be,  
 a. RBNBYAN                      b. RBNBZAN                      c. RBNBZBN                      d. RBNABZN
75. If UMBRELLA is coded as MURBLEAL in ascertain code, what will be the code for HANUMAAN  
 a. AHNUMANA                      b. AHUMNAAN                      c. AHUAMNAN                      d. AHUNAMNA

#### Section IV: General Awareness

76. Who constructed Rani Pokhari?  
 a. Jayastithi Malla                      b. Pratap Malla    c. Laxmi Nar Singh Malla    d. Ranajeet Malla
77. Who is the first Nepali to receive global SOO Award?  
 a. Krishna Agrawal                      b. Harihar Pun    c. Krishna Kumar Pandey    d. Manoj Kumar Poudel
78. Full form of HTML is,  
 a. Hyper Text Makeup Language                      b. Hypertext Markup language  
 c. Hypertext markup language                      d. Heavytext markup language
79. What is the capital city of Italy?  
 a. Rome                      b. Paris                      c. Madrid                      d. Athens
80. Which is the largest national park of Nepal?  
 a. Rara national park                      b. Langtang national park  
 c. Chitwan national park                      d. Shey – Phoksundo national park
81. Who is the Education minister of Nepal?  
 a. Devendra Pandey                      b. Devendra Poudel                      c. Balkrishna Khan                      d. Ashok Rai
82. Which of the following country has the world's tallest waterfall?  
 a. Vatican city                      b. Venezuela                      c. Saint Vincent and the Grenadines    d. Nepal
83. Who is the inventor of diesel engine?  
 a. Rudolf Diesel                      b. Charles Elliot Diesel    c. Louis van Diesel                      d. Diesel Karl Benz
84. Which game was played in the moon for the first time?  
 a. Chess                      b. Polo                      c. Golf                      d. Soccer

85. Where is the headquarter of UNESCO?  
 a. New york                      b. Geneva                      c. Washington D.C                      d. Paris
86. Who is the only person to climb all of the 14 highest peaks in the world twice?  
 a. Sanu Sherpa                      b. Nirmal Purja Magar                      c. Kamirita Sherpa                      d. Edmund Hillary
87. Who is the richest person in the world as per Forbes magazine?  
 a. Jeff Bezos                      b. Bill Gates                      c. Elon musk                      d. Warren buffet
88. Who is the current president of ANFA?  
 a. Subash Chandra Nembang                      b. Manoj Prabhakar                      c. Binod Das                      d. Pankaj Bikram Nembang
89. When did Royal massacre took place?  
 a. 2058/02/19                      b. 2058/02/20                      c. 2058/02/18                      d. 2058/02/17
90. In which district Nanda-Bhauju lake is situated?  
 a. Dhading                      b. Chitwan                      c. Makawanpur                      d. Kapilvastu
91. 1 MB is equals to  
 a. 1000KB                      b. 1024KB                      c. 1028KB                      d. 100KB
92. When was the Nepal Rastra Bank established?  
 a. 2013/01/13                      b. 2013/01/14                      c. 2014/01/14                      d. 2014/02/14
93. Mike Tyson is Associated with  
 a. Cricket                      b. Baseball                      c. Boxing                      d. Golf
94. Who is known as the Father of Macroeconomics?  
 a. Alfred Marshall                      b. John Maynard Keynes                      c. Milton Friedman                      d. David Ricarrdo
95. Which device is used to measure Earthquake?  
 a. Cardiograph                      b. Rain gauge                      c. Callorimeter                      d. Seismograph
96. What is the hydroelectric capacity of upper Tamakoshi?  
 a. 456MW                      b. 345MW                      c. 458MW                      d. 444MW
97. Who is known as Yuvakabi of Nepali Literature?  
 a. Bhanubhakta Acharya                      b. Gopal Prasad Rimal                      c. Motiram Bhatta                      d. Narayan Wagle
98. International Nursing Day is celebrated on,  
 a. May 7                      b. August 29                      c. May 12                      d. July 12
99. Who won the Nobel prize in literature in 2021?  
 a. Abdul Rajak                      Gunah                      b. Abdul Ahasan                      c. Maria Ressa                      d. Rabindra tagore
100. Which district is considered as the capital of Dhaka first?  
 a. Mahottari                      b. Syangja                      c. Taplejung                      d. Palpa

**United College  
Kumaripati, Lalitpur  
Question Set III**

**Full Marks:100**

**Pass marks:40**

**Section I: Verbal Ability**

**Direction: Fill up the blank with the word which best fits in with, the meaning of the following sentences.**

1. Ram's business \_\_\_\_\_ saw him through his new venture.  
a) skill    b) Acumen    c) Interest    d) Trait
2. The candidates have to make their own arrangement for \_\_\_\_\_ and boarding.  
a) boarding    b) food    c) accommodation    d) board
3. Hitler had highly \_\_\_\_\_ notions of his stature as a military leader.  
a) elaborate    b) arrogant    c) exaggerated    d) amplified
4. His caliber as an administrator is yet to be.....  
a) put to the test    b) put to test    c) tried    d) applied
5. Rita has decided to \_\_\_\_\_ of the generous offer.  
a) avail    b) avail herself    c) not avail    d) not to avail

**Direction: Choose the littered expression that most nearly expresses the meaning of the given odium or phrase.**

6. One is having less blood  
a) spinster    b) irritable    c) anemic    d) misanthrope
7. Capable of living both on land and water  
a) amphibians    b) cannibals    c) omnivorous    d) carnivorous
8. Capable of living both on land and water  
a) callous    b) neurotic    c) amphibians    d) misanthropist
9. Happening once in five years  
a) finale    b) quinquennial    c) finesse    d) biannual
10. Something no longer in use  
a) avaricious    b) censured    c) obsolete    d) ineffaceable

**Direction: Select the best word, which correctly fills the blanks.**

Cricket is a \_\_\_11\_\_\_ fame, but the destiny of the side is often shaped by a couple of individuals. In a \_\_\_12\_\_\_ game especially, a quick hr century, -a couple of quick wickets, a vital run out can \_\_\_13\_\_\_ the match completely. Every ACC Cup has thrown up its own \_\_\_14\_\_\_ some who had previous renown, some entirely unexpected. In reaching the ACC final, Nepal \_\_\_15\_\_\_ two exiting new face.

11. a) good    b) team    c) popular    d) new
12. a) one-day    b) dull    c) practice    d) thrilling
13. a) affect    b) twist    c) excite    d) transform

- 14 a) followers                      b) stars                      c) problem    d) champions  
 15 a) tested    b) revealed    c) put                      d) blocked

**Direction: select the words which is close to the meaning of the BOLD word**

16. Prone  
 a) inclined to                      b) alone                      c) hooch                      d) ready to act
17. Yield  
 a) try to win b) magic spell c) to hinder    d) to produce
18. Jargon  
 a) hilarity    b) language    c) derivation    d) error
19. Harness  
 a) enormous                      c) to use something to produce power  
 b) polyglot    d) be too hard on
20. Suit  
 a) a set of room b) stymie    c) plunder                      d) legal case

**Direction: The following passage is followed by questions based on its contents. After reading the passage, choose the best answer to each question.**

Not all those who know something about offering goods to customers or even about selling can become real salesmen. You cannot become real salesman unless you have real strength, the strength to face people who do not want to face salesman, the strength to face and master the demands of a strenuous profession, the strength to find and face their own short-comings and correct them. Too many people never realize these facts. Selling is a profession that cannot be learned in the flick of an eyelid. Being tired of some other job does not make man into a salesman; neither does the vague hope of making money in a hurry. Selling demands professional knowledge just as any other profession does. It is no job for people who just want to pick up easy money. The selling career is an exciting career but it is hard and exacting too. The salesman's man personality is under a pressure that most people cannot take. He must feel at ease, cordial and friendly in the presence of people who have little or no wish to see or listen to him. In the face of their hesitation he has to make them aware of needs which they did not realize and on which they quite likely do not want to spend money.

21. Selling is a profession  
 a) that can be learned in a business college  
 b) that depends solely on your ability to see things  
 c) that is though, challenging and demands great strength  
 d) none of the above
22. Selling is not a profession  
 a) for people who have no training at a business college  
 b) for those who cannot learn things at a flick of an eyelid  
 c) for those who are tired of their job and want to make fast buck  
 d) for those who are not destine to be salesman

23. Selling is an exciting career but it also
- Is full of uncertainty
  - Offers avenues for making easy money
  - Is quite easily
  - Is exacting and demanding
24. A salesman should be confident, friendly and cordial
- Even under grave provocation
  - For there are the essential qualities of the profession
  - To those who treat him as an unwelcome – intruder
  - None of the above
25. An successful salesman is one who
- Makes you aware of your needs and caters for them
  - Makes you buy what you had not planned to buy
  - Sells you useful articles at your doorstep
  - Makes you treat him as an honored quest

### Section II: Quantitative Ability

26. The difference between simple and compound interest in a certain sum in two years at 15% per annum is Rs.144. The sum is
- a. Rs.6000    b. Rs.6200    c. Rs.6400    d. Rs.6500
27. The number of students in a constituent campus and an affiliated campus in bachelor level is at the ratio of 3:5. If 20 students are increased in each campus at the same level, the ratio changes to 5:7. The total number of students in the two campuses before the increase was
- a. 72          b. 80          c. 96          d. 100
28. Find the greatest number which will divide 201 and 671 leaving remainders 6 and 8 respectively.
- a. 15          b. 51          c. 39          d. 65
29. How many of the integers between 50 and 80 are odd?
- a. 9          b. 11          c. 13          d. 15
30. One-third of a number is 20 more than one-fifth of that number. What is the number?
- a. 30          b. 84          c. 102          d. 150
31. A company reports that 2000 electronic parts were found defective. If this represents 5% of the total shipment, how many of these parts were shipped?
- a. 40,000    b. 30,000    c. 20,000    d. 10,000
32. A diagram of a large ground drawn to the scale of 0.5 inch equals 80 feet. If the length of the diagram is 4.5 inches the actual length of the ground is
- a. 720 ft.    b. 680 ft.    c. 640 ft.    d. 360 ft.
33. The value of x for  $x^2 + 5x = 12 - x^2$  are
- a.  $3/2$  and  $-4$                       b. 3 and 4                      c.  $2/3$  and 4                      d.  $4/3$  and 2
34. If  $4y - x = 10$ ,  $3x = 2y$ , then  $xy = ?$
- a. 2          b. 3          c. 6          d. 12

35. There are 50 students enrolled in Computer course. Of the enrolled students, 90% appeared the final exam. Two-thirds of the students attending the final exam passed. How many students pass the final exam?  
 a. 30      b. 33      c. 34      d. 35
36. In a certain school 20 students are taking math and 10 are taking history and 7 are taking both, how many students are there?  
 a) 17      b) 27      c) 23      d) 37
37. If  $4x + y = 14$  and  $3x + 2y = 13$ , the  $x - y$  is equal to  
 a) 1      b) 2      c) 3      d) -1
38. If  $x$  and  $y$  are prime and greater than 2, then which of the following cannot be division of  $xy$ ?  
 a) 2      b) 3      c) 11      d) 15
39. In the two digits number  $x$ , both the sum and difference of its digits is 4. What is the value of  $x$ ?  
 a) 13      b) 31      c) 40      d) 48
40. The smallest prime number greater than 53 is  
 a) 54      b) 55      c) 57      d) 59
41. A tourist bus travels for 3 hours at 40 miles per hour and then covers a distance of 80 miles in two hours and 40 minutes. His average rate for the entire trip as  
 a. 35 mph    b. 35.3 mph    c. 35.5 mph    d. 36 mph
42. Four workers working together can plough the field in 12 hours. How long will it take 6 workers to plough the field of the same size, if all of them work at the same rate?  
 a. 6 hours    b. 8 hours    c. 10 hours    d. 12 hours
43. The arithmetic mean of  $x$  and  $y$  is 10 and their geometric mean is 8. What are the value of  $x$  and  $y$ ?  
 a. 16, 4    b. 15, 5    c. 14, 6    d. 12, 8
44. When magnified 10,000 times by an electron microscope, the image of a certain circular piece of tissue has a diameter of 0.3 centimeter. The actual diameter of the tissue in centimeter is  
 a. 0.03    b. 0.003    c. 0.0003    d. 0.00003
45. Selling price of 4 articles is equal to cost price of 5 articles. The gain is  
 a. 20%    b. 25%    c. 28%    d. 80%
46. A sport jacket marked \$48 is offered at a discount of 25% during stock-out sale. At this reduced price the dealer makes a profit of 20% on the cost. The cost to the dealer is  
 a. \$29    b. \$30    c. \$32    d. \$36
47. ABC is a right angled triangle with perpendicular side equal to 8, and the base side equal to 6. The hypotenuse side is equal to  
 a. 10    b. 9    c. 7    d. 5
48. If  $A = \{1,3,5,7, \dots, 21\}$ ,  $B = \{1,2,3,4, \dots, 20\}$  and  $C = \{2,4,6,8, \dots, 20\}$ . What is  $A \cap B \cap C$ ?  
 a.  $\{20, 30\}$     b.  $\{30\}$     c.  $\{40\}$     d.  $\phi$
49. The compound interest on a certain sum for first year for 4% is Rs.25. The compound interest for 2 years at the same rate on the same sum will be  
 a. Rs.50    b. Rs.51    c. Rs.53    d. Rs.54
50. Length and breadth of a rectangular field is 50 meter and 20 meter respectively. A 7 meter road runs outside around the field. What is the area of the road?  
 a. 40 sq.m.    b. 1000 sq.m.    c. 1176 sq.m.    d. 1208 sq.m.

### Section III: Logical Reasoning

**Directions: Select the pair of words that best expresses a relationship the to given pair of words.**

51.TV: Sony

- a. Brush :Hambard    b. Suite :Revlon    c. Watch: Omega    d. Haier :Cell phone

52.Oceans: Deserts::Waves:

- a. Dust                      b. Sand waves                      c. Ripples                      d. Sea

53. Cricket: Pitch::

- a. Ship: Deck                      b. Boat: Harbour                      c. Boxing: Ring                      d. Wrestling: Track

54.If 53971 stands for CAGES,7391 stands for

- a. GASE                      b. ECAS                      c. ACES                      d. EAGS

55.If RICE is OFZB, what does ZXHB stands for

- a. CAKE                      b. MAKE                      c. KING                      d. GOAT

56.If CROW is RWCO, the code for WORK is,

- a. OKWR                      b. KROW                      c. ROWK                      d. WKRO

**Arrange the given words below in a meaningful sequence.**

57.

- 1.Leaves                      2.Branch                      3.Flower                      4.Tree 5.Fruit

- a.4,3,1,2,5                      b.4,2,5,1,3                      c.4,3,2,1,5                      d.4,2,1,3,5

58.

- 1.Police                      2. Punishment                      3.Crime                      4.Judge 5.judgement

- a.3,1,2,4,5                      b.1,2,3,4,5                      c.5,4,3,2,1                      d.3,1,4,5,2

“@” means “neither greater nor less than”

“\*” means “neither greater nor equals to”

“#” means “neither equal nor smaller than”

59.Statement,

$a@b, b*c, a\#d$

Conclusion:

- I.  $a\#d$     II.  $c*d$

- a. only I is true                      b. only II is true                      c. both are true                      d. neither are true

60.Statement,

$x\#y, y@z, a\#z$

Conclusion.

- I.  $x*a$     II.  $y*a$

- a. only I is true                      b. only II is true                      c. both are true                      d. neither are true

61.Pointing towards a girl, ram said “she is the only daughter of only daughter of my mother”.

The girl’s relation with ram is,

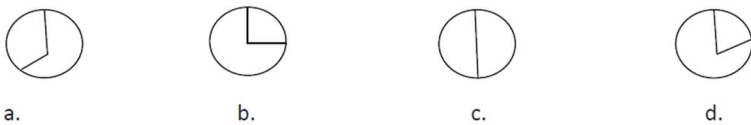
- a. Granddaughter                      b. Sister                      c. Niece                      d. Mother

62. pointing toward X, Y said “I am the only daughter of only son of his father”. How Y is related to the X?  
 a. Niece                      b. grand-daughter                      c. cannot be determined                      d. daughter

**Directions: Find logically best answer.**



63. Nepal, Kathmandu, India  
 64. Birds, Bats, Plane  
 65. Tribhuvan Univeristy, BBM, BBA  
 66. TRibhuvan University, Shanker Dev College, Trichandra College  
 67. One morning, I started to walk opposite of my shadow. After 10 km I turn right and walk 7 km then I turn left and walk another 5 km. In which direction I am facing now?  
 a. North                      b. South                      c. East                      d. West  
 68. Find the odd one out.



69. If AMBER is coded as 13257 and ROCKEY as 760859, what is the code for KEYBOAR?  
 a) 8935291                      b) 8952671  
 c) 8952617                      d) 8972617

**Which of the word in the group is most unlikely to be in that group**

70. a. Cornea    b. Retina                      c. Pupil                      d. Vision  
 71. a. Nike    b. Puma                      c. Adidas                      d. Porsche  
 72. 1 2 3 5 8 13 21 35  
 a. 1                      b. 2                      c. 35                      d. 8  
 73. 2 3 6 2 5 10 2 4 12  
 a. 2                      b. 12                      c. 5                      d. 10  
 74. a. Pashupatinath    b. Krishna mandir    c. Shyambhunath    d. Lumbini  
 75. a. Krishna mandir    b. Changu narayan    c. Budhanilkantha    d. Pashupatinath

**Section IV: General Awareness**

76. Who is the inventor of cycle?  
 a. Mark Tylor    b. Macmillan    c. Carl Benz                      d. Thomas Sulivan  
 77. Which district is famous for leather?  
 a. Dailekh    b. Dolakha    c. Dolpa                      d. Bhojpur  
 78. The University of united nation is located at,  
 a. USA                      b. Japan                      c. France                      d. Switzerland

79. How many members are there in WTO,  
a. 160                      b. 165                      c. 170                      d. 164
80. Which is the first bank to start internet banking in Nepal?  
a. Himayalan bank    b. Nabil bank              c. Kumari bank              d. NIC Asia bank
81. Who is the founder of yoga?  
a. Patanjali              b. Sage kashyap              c. Ashwini kumar              d. Shankaracharya
82. Which is the deepest lake in the world?  
a. Caspian sea              b. Lake Vostok              c. Lake Tanganyika    d. Baikal
83. Haleshi Mahadev is one of the famous religious site of which province?  
a. Bagmati              b. Lumbini              c. Province no.1              d. Madhesh
84. Where was Leonardo da Vinci was born?  
a. Italy                      b. France                      c. Germany                      d. Spain
85. What is 49 parallel?  
a. Border between India and Pakistan                      b. Border between USA and Canada  
c. Border between North and south Korea                      d. Border between Iran and Iraq
86. Who is winner of Madan Puraskar 2078?  
a. Bhagiraj Innam    b. Styamohan Joshi    c. Milan Karki              d. Nabaraj Iamsal
87. What is the slogan of Nike?  
a. Impossible is nothing    b. Just do it    c. Forever faster is always fast    d. Just try it
88. SIM stands for  
a. Subject Identity Module                      b. Subscriber Intruption Module  
c. Subscriber Indentity Module                      d. Subscription Identification Module
89. Oldest temple of Nepal is,  
a. Pashupatinath              b. Manakamana    c. Swayambhunath              d. Muktinath
90. Which is the largest satellite (moon) in the solar system  
a. Lida                      b. Phobos              c. Titan                      d. Ganymede
91. Who is the composer of National Anthem of Nepal  
a. Amber Gurung              b. Pradip Kumar Rai              c. Madhav Prasad Ghimire    d. Shambhujit Baskota
92. Which public company earns the maximum profit in FY 2079/80  
a. NEA              b. Nepal Telecom              c. DDC                      d. Rastriya Banijya Bank
93. Which of the following is not the Programming language  
a. Python    b. HTML                      c. Java                      d. C
94. When did Nepal joined United Nations  
a. 1945/10/224              b. 1955/12/08              c. 1955/12/14              d. 1960/08/12
95. Winner of Australian Open 2022 is,  
a. Novak Djokovic    b. Andy Murray              c. Roger Federer              d. Rafael Nadal
96. Headquarter of Asian Development Bank is located at  
a. Beijing                      b. Jakarta                      c. Manila                      d. Tokyo
97. Who signed the “Sugauli Treaty” on behalf of Nepal?  
a) Gaja Raj Mishra              b) Givan Yuddha Bikram  
c) Bhimsen Thapa                      d) Som Nath Upadhaya

98. "Damini Bhir" the book that won Madan Puraskar was written by

- a) Jhamak Kumari Ghimire
- b) Narayan Wagle
- c) Rajan Mukarung
- d) Amar Neupane

99. International Labour day is celebrated on

- a. May 1
- b. August 1
- c. July 22
- d. May 12

100. Former Japanese president Shinzo Abe was killed on

- a. 1<sup>st</sup> July 2022
- b. 2<sup>nd</sup> July 2022
- c. 1<sup>st</sup> august 2022
- d. 8<sup>th</sup> July 2022

**United College  
Kumaripati, Lalitpur  
Question Set IV**

**Full Marks:100  
Pass marks:40**

**Section- I: Verbal Ability**

**Direction: Each capitalized word is followed by a set of options. Select the one that is closet in meaning to the word.**

1. EXPENSIVE

- a) Gracious                      b) Depose                                      c) Crotchety                                      d) Wardrobe

2. ANONYMOUS

- a) Reachable                      b) Unknown                                      c) Stranger                                      d) Alien

3. CAPRICIOUS

- a) Vague                                      b) Meaningful                                      c) Erratic                                      d) Parched

4. FRUGAL

- a) Boast                                      b) Moderate                                      c) Swarm                                      d) Sudden

5. INTONATION

- a) Prevail                                      b) Harmony                                      c) Renounce                                      d) Accent

**Direction: Each capitalized word is followed by a set of options. Select one that is opposite in meaning to the word.**

6. ABONIMABLE

- a) Successful                      b) Pleasant                                      c) Unskillful                                      d) Admiral

7. CONDEMN

- a) Kind                                      b) Refuse                                      c) Acquit                                      d) Ignore

8. STAINED

- a) Implore                                      b) Impure                                      c) Clarify                                      d) Demeanor

9. Ravage

- a) Assert                                      b) Dull                                      c) Construct                                      d) Affront

10. VOLUBLE

- a) Banal                                      b) Argument                                      c) Vanity                                      d) Agreeable

**Direction: Each of the following sentences has blank space. Complete the sentence with the appropriate choice from among the options that follow.**

11. If I ..... you, I would never make her

- a) was                                      b) had been                                      c) were                                      d) have been

12. You are required to make payment .... Cheque.

- a) by                                      b) in                                      c) into                                      d) through

13. Today, T came to school ..... taxi.

- a) by                                      b) on                                      c) in                                      d) through

14. He is ..... MBA.

- a) an                                      b) a                                      c) the                                      d) none

15. I live in ..... USA,

- a) the                                      b) a                                      c) an                                      d) none

**Direction: In the questions below out of four alternatives, choose the one which can be substituted for the given sentence.**

16. The event which are going to take place.

- a) Machete                                      b) Sage                                      c) Millinia                                      d) Agreeable

17. Branch of science that study races of mankind.

- a) Anthropology                                      b) Psychology                                      c) Embryology                                      d) Ethnology

18. A person who likes to do things alone.

- a) Preemptive                                      b) Brave                                      c) Intelligent                                      d) Spurious

19. Study of sound or language

- a) Errand                                      b) Vehement                                      c) Firmest                                      d) Phony

20. An area densely covered with trees

- a) Disguise                                      b) Nemirov                                      c) Grove                                      d) Boom

**Direction: Read the following passage and answer the questions that follow.**

On the 16<sup>th</sup> August, 1987 when I was told I had cancer of lungs, my relatives and friends were alarmed at the apparent calm with which I received the news. I suppose they overlooked the fact that at my age ( I turned 72 on January 26) you develop a practical acceptance which helps face the impact of even such shockers. Besides, the tendency to set a good example as head of a large family somehow grows on you. However, despite the outward bravado, deep inside I was jolted by the news. This was because as far back as I can remember, my health had never given me cause for concern.

21. The 'I' in this passage stands for-

- a) the nurse                                      b) the patient                                      c) the doctor                                      d) an accident victim

22. The narrator in this passage suffers from-

- a) tuberculosis                                      b) typhoid                                      c) cancer of the lungs                                      d) an old man

23. In terms of age, the patient is-

- a) a young man                                      b) a school- going kid  
c) a middle- aged person                                      d) an old man

24. On hearing of the disease that has struck him, the narrator feels-

- a) relieved                                      b) anxious                                      c) indifferent                                      d) shocked

25. Before the disease struck him, the narrator's health had always been-

- a) good                                      b) poor                                      c) indifferent                                      d) full of problem

## Section- II: Quantative Ability

26. A consumer group surveyed the prices for a certain item in five different stores, and reported the average price as \$ 15. We visited four of the five stores, and found the prices to be \$10, \$15, \$15 and \$25. Assuming that the consumer group is correct, what is the price of the item at the store that we did not visit?
- a) \$10            b) \$15            c) \$20            d) \$25
27. During a semester, a student received scores of 76, 80, 83, 71, 80, and 78 on six tests. What is the student's average score for these six tests?
- a) 76            b) 77            c) 78            d) 79
28. Ms. Gutierrez needs to order rope for her gym class of 32 students. Each student will receive a piece of rope that is 5 feet 8 inches long. What is the total length of rope Ms. Gutierrez needs to order for her class?
- a) 106 ft            b) 154 ft 8 in            c) 160 ft 8 in            d) 184 ft
29. If the number of people classified as unemployed is 20,000 and the number of people classified as employed is 230,000, what is the unemployment rate?
- a) 7%            b) 8%            c) 9%            d) 10%
30. In a recent survey, 80% of the community favored building a police substation in their neighborhood. If 15 citizens are chosen, what is the mean number favoring the substation?
- a) 12            b) 15            c) 8            d) 10
31. Which of the following represents numbers greater than -3 but less than 6?
- a)  $\{x:-3 > x > 6\}$             b)  $\{x:-3 \geq x \geq 6\}$   
c)  $\{x:-3 < x < 6\}$             d)  $\{x:-3 \leq x \leq 6\}$
32. A man's regular pay is \$3 per hour up to 40 hours. Overtime is twice the payment for regular time . If he was paid \$168, how many hours overtime did he work?
- a) 8            b) 16            c) 28            d) 48
33. In a garden there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 metres and a distance of one metre is left from all sides of the boundary of the garden The length of the garden is
- a) 20m            b) 22m            c) 24m            d) 26m
34. Profits in the partnership of Bikram, Bishnu, and Binita are shared in the ratio 1:2:3. If Bikram's share of the profits is Rs300, what is Binita's share?
- a) Rs150            b) Rs450            c) Rs600            d) Rs900
35. The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is Re1. The sum (in Rs.) is:
- a) 625            b) 630            c) 640            d) 650
36. A contractor employs 20 male, 15 female and 5 children in his factory. Male wages are Rs10 per day, female Rs 8 per day, and children Rs 3 per day. The weighted x of wages paid per day will be
- a) 3.86            b) 8.37            c) 9.21            d) 10.63
37. In a class of 50 students, 18 take music, 26 take art, and 2 take both art and music. How many students in the class are not enrolled in either music or art?
- a) 6            b) 8            c) 10            d) 12

38. Due to drop of 30% in price of mobile sets of a shop there was an increase in sales by 20%. What is the effect on the mobile shop
- a) 16% fall    b) 15% fall                      c) 12% fall    d) 10% fall
39. What is/are the factors of the equation  $y^2 = 64$ ?
- a)  $(y+8)$     b)  $\{8\}$     c)  $(y+8)(y-8)$                       d)  $\{-8,8\}$
40. What is the solution set of  $(x=2)/(x-2) = -3/x$ ?
- a)  $\{-2,3\}$             b)  $\{-1,6\}$             c)  $\{-3/2, -1/2\}$                       d)  $\{-6,1\}$
41. The length of a rectangular window is 5 feet more than its width,  $w$ . The area of the window is 36 square feet. Which equation could be used to find the dimensions of the window?
- a)  $w(w+5) = 36$                                       b)  $w=w+5 = 36$   
c)  $w(w-5) = 36$                                       d)  $2w=10=36$
42. Find the slope of the line that passes through the points  $(-1, -1)$  and  $(2, 2)$ .
- a) 0.25            b) 0.50            c) 1                      d) 1.5
43. Peter wants to get \$200,000 for his house. An agent charges 20% of the selling price for selling the house for Peter. What should be the selling price?
- a) \$250,000    b) \$200,000    c) \$150,000    d) \$50,000
44. It took Malcom 3.5 hours to drive from city A to city B. On his way back to city A, he increased his speed by 20 km per hour and it took him 3 hours. Find the average speed for the whole journey.
- a) 120.0 km/hr                                      b) 129.2km/hr  
c) 125km/hr    d) 139km/hr
45. What is the  $n^{\text{th}}$  term in the arithmetic series below?  $3+7+11+15+19\dots$
- a)  $4n$                       b)  $34=n$     c)  $2n+1$     d)  $4n-1$
46. The total of the ages of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago?
- a) 71yrs            b) 72yrs    c) 74yrs            d) 75yrs
47. Mr. Thakali invested an amount of 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be 3508, what was the amount invested in scheme B?
- a) 6400    b) 6500    c) 7200    d) 7500
48. Two bus tickets from city A to B and three tickets from city A to C cost Rs. 77 but three tickets from city A to B and two tickets from city A to C cost Rs.73. What are the factors for cities B and C from A?
- a) Rs 4, Rs 23    b) Rs 13, Rs 17    c) Rs 15, Rs 14                      d) Rs 17, Rs 13
49. How much time will it take for an amount of 450 to yield 81 as interest at 4.5 % per annum of simple interest?
- a) 3.5 years    b) 4 years    c) 4.5 years    d) 5 years
50. Out of 7 consonants and 4 vowels, how many words of 3 consonants and 2 vowels can be formed?
- a) 25200    b) 210    c) 21400                      d) 1050

### Section- III: Logical Reasoning

#### Select logically best answers

51. 'Do not take sugar because you have diabetes' is logically similar to

- a) Do not read as you have weak sight.
  - b) Do not speak as you are not asked to speak.
  - c) Do not play as you are hurt.
  - d) Do not work as you are already overworked.
52. 'He will not, tolerate insult because he is self-respecting' is logically similar to
- a) He can buy costly things because he is a rich man.
  - b) This is trivial so a fastidious person will not accept it.
  - c) He is unhappy as he has failed.
  - d) He has compassion for all because he is conscientious
53. 'Where there is will there is a way' is logically similar to
- a) There is a solution to every problem.
  - b) Determined persons can always find ways out of any problem.
  - c) Those who pray can accomplish task.
  - d) We have to construct roads to enhance accessibility.
54. 'Empty vessels make much noise' is logically similar to
- a) Wise people do not talk much.
  - b) Fools generally praise themselves.
  - c) Cowards die many times before natural death.
  - d) Empty vessels and people are similar.
55. 'Read in order to increase knowledge' is logically similar to
- a) If you want to build your body, take exercise.
  - b) Speak to relieve your tension.
  - c) Pay only when you have obtained services.
  - d) If you want to earn, do not cheat others.

**Match the pair of words that carry similar meaning as pair of words given in the left**

56. Always: Never
- a) Frequently: Occasionally
  - b) Often: Constantly
  - c) Constantly: Occasionally
  - d) Often: Rarely
57. Lawyer: Case
- a) Psychiatrist: Maladjustment
  - b) Teacher: School
  - c) Scholar: Book
  - d) Doctor: Disease
58. Crowd: Mob
- a) Life: Death
  - b) Trees: Forest
  - c) Million: Billion
  - d) Large: Huge
59. Longitude: International Date Time
- a) Direction: Gravitation
  - b) Latitude: Equator
  - c) Longitude: Time
  - d) North Pole: South Pole
60. Plus: Minus
- a) Increase: Decrease
  - b) Infinity: Zero
  - c) Digit: Series
  - d) Multiplication: Division

**Find the odd-one out**

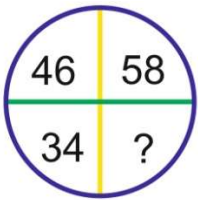
61. a) Here      b) Now      c) There      d) Nowhere  
 62. a) Los Angeles b) Vancouver      c) Acapulco d) Cape Town  
 63. a) Table-Tennis b) Gymnastics c) Chess      d) Volleyball  
 64. a) 30      b) 35      c) 36      d) 42  
 65. a) Listen      b) Look      c) View      d) Watch

**Select the logically best answer**

66. Mortar: Engine:: Computer:?  
 a) Software      b) CPU      c) Monitor      d) Modem  
 67. People: Food:: Machines:?  
 a) Oil      b) Power      c) Repair      d) Worker  
 68. Literacy: Ability to read and write:: Comprehend:?  
 a) Understand      b) Analyze      c) Decide      d) Calculate

Find the missing number.

69.



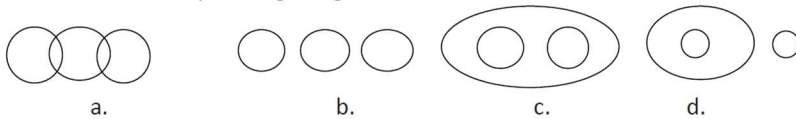
- a) 92      b) 72      c) 22      d) 68

70.

5	5	2
2	4	1
8	3	10
40	30	?

- a) 10      b) 12      c) 13      d) 20

**Choose from the following diagrams the one that illustrates the best relationship among the given three words.**



71. Asia, Europe, Africa : (a) (b) (c) (d)  
 72. Animal, Dog, table :(a) (b) (c) (d)  
 73. Men, Teachers, Priests :(a) (b) (c) (d)  
 74. Musicians, Dancers, Performers :(a) (b) (c) (d)  
 75. People, Women, Earth :(a) (b) (c) (d)

**Section-IV: General Awareness**

76. When did Nelson Mandela, the great freedom fighter died?  
 a) December 4, 2013      b) December 5, 2013  
 c) December 7, 2013      d) December 6, 2013

77. When was Power Summit 2013 held to acknowledge the necessity of hydro- electricity oriented approach in the country?
- a) 2070, Bhadra 10-11                      b) 2070, Bhadra 11-12  
c) 2071, Ashadh 6-7                        d) 2071, Shrawan 1-2
78. What was the expected growth rate for the Fiscal year 2069/70?
- a) 4%    b) 5%    c) 6%    d) 5.5%
79. Who was appointed the chairman of the Non- Residential Neplease Association (NRN) from its 6<sup>th</sup> conference held in 2070 Kartik?
- a) Upendra Mahato                              b) Bhawan Bhatta  
c) T.B Karki                                        d) Sesh Ghale
80. Who of the following is not the winner of Roman Mega assay from Nepal?
- a) Mahesh Chandra Regmi                      b) Bharat Dutta Koirala  
c) Anuradha Koirala                              d) Charimaya Tamang (Power Group)
81. What is the altitude of Tilicho lake, the lake situated at the highest point above sea level?
- a) 4191 m    b) 4190 m    c) 4919 m    d) 4119 m
82. During the regime of which Rana Prime Minister was the publication of Gorkhapatra started?
- a) Dev Sumsher                                      b) Chandra Sumsher  
c) Padma Sumsher                                d) Bhim Sumsher
83. Who signed the “ Sugauli Treaty” on behalf of Nepal?
- a) Gaja Raj Mishra                                b) Givan Yuddha Bikram  
c) Bhimsen Thapa                                 d) Som Nath Upadhaya
84. “ Damini Bhir” the book that won Madan Puraskar for the year is written by
- a) Jhamak Kumari Ghimire                      b) Narayan Wagle  
c) Rajan Mukarung                                d) Amar Neupane
85. How many species of mammal are listed as endangered species in Nepal?
- a) 9    b) 81    c) 27    d) 32
86. Who is the founder of Amazon. Com, world’s biggest E- Commerce company?
- a) Jeff Bezos                                        b) Jeffery M. Blackburn  
c) Andrew R. Jessy                                d) Jeffery A. Wilke
87. Law of substitution, an important cardinal utility related notion was proposed by
- a) Irving Fisher                                      b) J. M Keynes                                      c) Alfred Marshall                                      d) H. H Gossen
88. Which country is the latest to join United Nations?
- a) Montenegro                                      b) South Sudan                                      c) Slovak Republic                                      d) Palestine
89. How many members are in Non- Aligned Movement (NAM)?
- a) 122    b) 120    c) 88    d) 193
90. When did Sachin Tendulkar retire from all forms of International Cricket ( Played his last Test match)?
- a) November 19, 2013                              b) November 21, 2013                              c) December 14, 2012                              d) November 4, 2013
91. How many signs are there in Hindu mythology?
- a) 10    b) 11    c) 12    d) 13
92. Who is considered the propagator of “ Rule of Law” principle?
- a) Anna Roosevelt                                b) Kofi Annan                                        c) Winston Churchill                                d) A. V Dicey

93. What is the altitude of Sagarmatha Base Camp?  
a) 5356 m                      b) 5436 m                      c) 4848 m                      d) 6020 m
94. When did Nepal and India sign Double Taxation Avoidance Agreement (DTAA) to uproot the double tax system on imports and exports between the countries?  
a) October 19, 2011                      b) September 21, 2011  
c) December 17, 2011                      d) November 27, 2011
95. Which Nepali cricketer holds the ICC world record for being the most economic ODI bowler?  
a) Mehboob Aalam    b) Shakti Gauchan    c) Binod Das                      d) Rahul Vishwakarma
96. Which movie bagged the most awards in the 86<sup>th</sup> edition of Oscars?  
a) Argo                      b) 12 years a slave    c) American Hustle    d) Gravity
97. Which is the greatest bilateral donor for Nepal?  
a) India                      b) China                      c) Japan                      d) The United Kingdom
98. Which country has the system of two separate budgets?  
a) France                      b) UK                      c) USA                      d) India
99. When did Nepal become the member of IBRD?  
a) September 4, 1960                      b) September 6, 1961  
c) September 8, 1959                      d) September 21, 1962
100. What is the distance covered by Janakpur Jaynagar railway?  
a) 48 KM                      b) 51 KM                      c) 57 KM                      d) 43 KM

**United College  
Kumaripati, Lalitpur  
Question Set V**

**Full Marks:100  
Pass marks:40**

**Section I: Verbal Ability**

**Directions: Select the most suitable preposition in the following sentences.**

1. The patient is afflicted \_\_\_\_\_ cough.  
a. from    b. by    c. in    d. with
2. The old man is honest \_\_\_\_\_ word and deed.  
a. to    b. in    c. upon    d. for
3. The rich man has no affection \_\_\_\_\_ the poor.  
a. to    b. over    c. with    d. for
4. Jagdish had no servant to attend \_\_\_\_\_ him.  
a. upon    b. over    c. with    d. to
5. Beggar begged money \_\_\_\_\_ me.  
a. to    b. from    c. by    d. with

**Directions: Complete the following sentences correctly.**

6. The \_\_\_\_\_ document was destroyed by him.  
a. factious    b. facetious    c. factitious    d. fictitious
7. We never \_\_\_\_\_ what we are ashamed of  
a. acknowledge    b. confess    c. admit    d. avow
8. He \_\_\_\_\_ to us for half an hour.  
a. said    b. spoke    c. talked    d. told
9. Before one \_\_\_\_\_, one should make an attempt to discover the artist's purpose.  
a. assigns    b. purchases    c. deliberates    d. criticizes
10. In order to control and defeat the dreadful diseases that plague humanity, \_\_\_\_\_ activity is necessary.  
a. constant    b. full    c. concreted    d. vital

**Directions: Select the Antonyms of the following words.**

11. Exaggerate:  
a. Relate    b. Condone    c. Minimize    d. Disclose
12. Alleviate:  
a. Aggravate    b. Hostile    c. Friendly    d. Protect
13. Arrogant:  
a. Familiar    b. Humble    c. Detach    d. Regular
14. Exotic:  
a. Poor    b. Expose    c. Fragile    d. Indigenous
15. Diverse:  
a. Different    b. Unequal    c. Deniable    d. Homogeneous



25. The author seems to suggest that
- steam engines should be banned
  - all trains should be pulled by electric engines
  - Passengers should be issued air filters during journey
  - train engines should be repaired periodically

**Section II: Quantitative Ability**

26. In June a baseball team that played 60 games had won 30% of its games played. After a phenomenal winning streak this team raised its average to 50%. How many games must the team have won in a row to attain this average?
- 12
  - 20
  - 24
  - 100
27. One-half of a number is 17 more than one-third of that number. What is the number?
- 52
  - 84
  - 102
  - 112
28.  $3x + 10 = 9x - 20$ ,  $(x + 5)^2 = ?$
- 5
  - 25
  - 55
  - 100
29. Two cars start towards each other from points 200 miles apart. One car travels at 40 miles per hour and the other travels at 35 miles an hour. How far apart will the two cars be after four hours of continuous traveling?
- 20
  - 40
  - 75
  - 100
30. A diagram of a plane drawn to the scale of 0.5 inch equals 80 feet. If the length of the diagram is 4.5 inches, the actual length of the plane is
- 720 ft.
  - 680 ft.
  - 640 ft.
  - 360 ft.
31. If the length of a rectangle is increased by 20% and the width of the same rectangle is decreased by 20%, then the area of the rectangle .
- decreases by 20%
  - decreases by 4%
  - unchanged
  - increases by 40%
32. The afternoon classes in a college begin at 1:00 PM and end at 3:52 PM. There are four afternoon class periods with 4 minutes allowed between periods for passing to classes. The number of minutes in each class period is
- 39 minutes
  - 40 minutes
  - 43 minutes
  - 45 minutes
33. Which of the following fractions has the smallest value?
- $\frac{1}{7}$
  - $\frac{1}{8}$
  - $\frac{2}{9}$
  - $\frac{3}{11}$
34. How many terms of the sequence - 12, -9, -6, -3, ..... must be taken to make the sum 54?
- 13
  - 12
  - 14
  - 11
35. Shyam lost 15% by selling his old bicycle for Rs.170. For how much he must have sold it to gain 15%?
- Rs.184
  - Rs.194
  - Rs.230
  - Rs.224

**Directions: Question number 36 to 40 are based on the following table.**

	Rank in 2000	Export in 2000	Export in 1990	Rank in 1990
Kathmanu	1	7.71 millions	7.89 millions	1
Bhaktapur	2	3.49 millions	3.62 millions	2
Lalitpur	3	2.45 millions	1.97 millions	3
Biratnagar	4	1.96 millions	2.07 millions	4
Birgunj	5	1.67 millions	1.85 millions	5
Bhairhawa	6	0.93 millions	0.60 millions	10
Pokhara	7	0.92 millions	0.95 millions	6
Janakpur	8	0.87 millions	0.91 millions	7
Nepalgunj	9	0.75 millions	0.80 millions	8
Jhapa	10	0.74 millions	0.86 millions	9

36. Which of the following cities had the largest change in export between 1990 and 2000?  
 a. Kathmandu    b. Bhaktapur    c. Lalitpur    d. Bhairhawa
37. What is the percentage change of export of Pokhara from 1990 to 2000?  
 a. 3.25    b. 2.25    c. 1.25    d. 0.25
38. If the total export of the whole country was 170 millions in 1990, approximately what percent of export was in due to 5 largest cities in 1990?  
 a. 5%    b. 10%    c. 17%    d. 25%
39. In 2000 how many times in terms of export larger was Biratnagar than Nepalgunj?  
 a. 1.2    b. 1.5    c. 2.0    d. 2.6
40. If Bhaktapur had export of 1 million in 1962, what was the percentage change between 1962 and 2000?  
 a. 13% decrease    b. 13% increase  
 c. 30% increase    d. 30% decrease
41.  $(2^5 \times 9^2) \div (8^2 \times 3^5) = ?$   
 a. 1/6    b. 6    c. 1/2    d. 1
42. The average of ten numbers is 5. If each number is multiplied by 3, the average of the new set of numbers will be  
 a. 34    b. 30    c. 28    d. 15

43. A mixture of 40 litres of milk and water contains 10% water. How much water must be added to make water 20% in the new mixture?  
 a. 10 ltr.    b. 7 ltr.    c. 5 ltr.    d. 3 ltr.
44. If 2 men and 3 boys can do a piece of work in 8 days, how long do 3 men and 4 boys take to do the same?  
 a. 3 days    b. 4 days    c. 5 days    d. 6 days
45. If  $x > 0$  and  $x^2 = 165$ , what is the best whole number approximation of  $x$ ?  
 a. 13    b. 18    c. 41    d. 80
46. If  $x/y = 2$ , then  $(x - y) / x = ?$   
 a. -1    b. -1/2    c. 1/2    d. 1
47. A person lent a certain sum of money at 4% simple interest and in 8 years the interest to Rs.340 less than the amount lent, find the sum lent.  
 a. Rs.400    b. Rs.450    c. Rs.500    d. Rs.600
48. A sum of money is to be divided among three persons A, B and C at the ratio of 4:9:7. If the difference between the shares of B and C is Rs.1000 the difference between the 50 percent of A and C will be  
 a. Rs.750    b. Rs.1500    c. Rs.1600    d. Rs.1800
49. Two trains of length 300 m and 200 m are running in opposite direction on parallel tracks with the speed of 40 km/hr respectively. They will cross each other in  
 a. 12 seconds    b. 18 seconds    c. 24 seconds    d. 27 seconds
50. If the side of a square is increased by 25% then its area is increased by  
 a. 56.25%    b. 50%    c. 40.5%    d. 25%

### Section III: Logical Reasoning

**Directions: find out the wrong number in the following series:**

51. 3, 13, 40, 124, 386  
 a. 124    b. 40    c. 386    d. 3
52. 808, 408, 208, 108, 68  
 a. 68    b. 208    c. 808    d. 108

**Directions: Find logically best number**

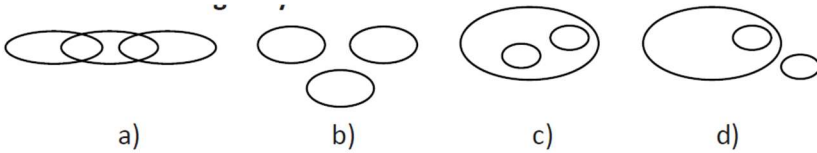
- 53.
- |   |   |    |
|---|---|----|
| 2 | 7 | 9  |
| 3 | ? | 4  |
| 7 | 1 | 10 |
- a. 8    b. 11    c. 12    d. 13
- 54.
- |    |    |    |
|----|----|----|
| 35 | 30 | ?  |
| 40 | 5  | 20 |
| 45 | 10 | 15 |
- a. 20    b. 25    c. 28    d. 35
55. If BEAT is coded as TAEB what should be the code of SOUP?  
 a. POUS    b. OPUS    c. SOPU    d. PUOS

56. If PEN is coded as ODM what should be the code for WET?  
 a. UFR      b. TFQ      c. VDS      d. SHP

**Directions: Two words on the left hand bear same relation. Find the word that carry similar meaning on the right hand side.**

57. Sparrow : Nest :: Rabbit : ?  
 a. Hole      b. Cage      c. Kennel      d. House
58. Vendor : Buyer :: Advocate : ?  
 a. Court      b. Chamber      c. Client      d. Law
59. Nip : Crush :: ?  
 a. Rip : Tear      b. Tab : Slam      c. Crimp : Cramp      d. Pound : Pat
60. Surgeon : Scalpel :: ?  
 a. Carpenter : Furniture      c. Baker : Oven  
 b. Architect : Plant      d. Sculptor : Chisel

**Directions: Find logically best answer.**



61. Doctor, Rubber, Chair  
 a)      b)      c)      d)
62. Men, Women, Universe  
 a)      b)      c)      d)
63. Tree, Bush, Dog  
 a)      b)      c)      d)
64. Computer, Machine, Typewriter  
 a)      b)      c)      d)
65. Day, Night, TV  
 a)      b)      c)      d)

**Directions: Select logically best sentence which signifies similar meaning.**

66. "The sky is cloudy so it may rain".  
 a. He has not worked he will fail  
 b. Students are absent, the teacher will not teach  
 c. They are happy so they will dance  
 d. The cold war is at the breaking point it may result in shooting war
67. "Make hay while the sun shine".  
 a. Sleep when you are tired      b. Jump when you are dancing  
 c. Take the flood at its tide.      d. Entering hope when others help you.

68. "All lawyers are cunning so is he".
- a. Children are happy as they have no worries.                      b. All philosophers are wise so is Socrates  
c. All animals have tails so do the dogs have.                      d. People worship because they fear.

**Directions: Incomplete argument is followed by four statements. Select logically the sentence which completes the argument without importing any fallacy.**

69. He cannot be cheated because he is shrewd
- a. No shrewd person can be cheated                      b. All shrewd persons cannot be cheated  
c. Shrewd persons can be cheated                      d. Only shrewd persons can be cheated.
70. He will die because he takes drugs.
- a. All who take drug will die                      b. Some who die take drug  
c. All who die take drug                      d. Some who take drugs die
71. He deserves victory as he brave.
- a. Some brave deserves victory                      b. All who deserves victory are brave  
c. Some who deserves victory are brave                      d. All brave deserves victory
72. He is an engineer so he cannot write poem
- a. No engineer can write poem                      b. Some engineers cannot write poems  
c. All who cannot write poem are engineers  
d. Some who cannot write poems are engineers
73. If the day after tomorrow is Friday, what day was it yesterday
- a. Thursday                      b. Wednesday                      c. Monday                      d. Tuesday
74. A clock seen through a mirror reads quarter past three, what is the correct time?
- a. Quarter to Nine                      c. Ten thirty  
b. Nine Thirty                      d. Quarter to ten
75. I walk 12 kilometer to the north, then 10 km east and then 12 km south. How far am I from the starting point?
- a. 8 km.                      b. 10 km.                      c. 12 km.                      d. 14 km.

#### **Section IV: General Awareness**

76. A computer can perform all of the following except
- a. Add, subtract, multiply and divide  
b. Exercise independent intelligence to solve problems  
c. Compare alphabetic and numeric characters  
d. Store and retrieve information
77. Alexander was the king of
- a. Macedonia                      b. Turkey                      c. Egypt                      d. Rome
78. The planet that came nearest to earth after 60,000 years in August 2003 is
- a. Mars                      b. Jupiter                      c. Venus                      d. Mercury
79. Ohm's Law is related to
- a. Electric current                      b. Hydro power                      c. Telephone                      d. Lord Shiva

80. The hardest substance of the human body is  
 a. Bones    b. Enamel    c. Nails    d. Skin
81. What might be the greatest risk to any computer installation?  
 a. fire    b. sabotage    c. fraud    d. theft
82. Which blood is universal acceptor?  
 a. O    b. A    c. AB    d. B
83. Which country was the first to hold competitive examination to select candidates for particular job?  
 a. Britain    b. USA    c. USSR    d. China
84. Which year was declared as “International Womens’ Year”?  
 a. 1970    b. 1975    c. 1980    d. 1985
85. In an electric fund transfer (EFT), there is  
 a. a high probability  
 b. no exchange of money in form of cash or cheque  
 c. an exchange of money in form of cash or cheque  
 d. non of the above
86. The famous religious place of Hindu “Man Sarover” is in  
 a. Nepal    b. India    c. Tibet    d. Pakistan
87. Expenses relating to the sale of goods are shown in  
 a. Trading account    b. Profit and Loss account  
 c. Profit and Loss Appropriation account    d. Balance Sheet
88. Storage capacity of magnetic tape is determined by the tape’s  
 a. record length    b. interblock gaps  
 c. density    d. interlock gaps
89. Down-Jones Stock Exchange belongs to  
 a. USA    b. Singapore    c. UK    d. Bombay
90. The historical “Silk Route” links  
 a. Asia and Europe    b. China and Iran    c. Mongolia and Korea    d. Kajaagasthan and Azerbaijan
91. Standard Chartered Bank is rename of  
 a. Indo-Suez Bank    b. State bank of India    c. Punjab National Bank    d. ANZ Grindlays Bank
92. The part of the computer instruction that tells the control unit what operation to be performed is called  
 a. operand    b. register    c. address    d. operation code
93. Depreciation is related to  
 a. Investment    b. Current Asset    c. Inventories    d. Fixed Asset
94. The world Trade organization (WTO) came into operation since  
 a. 1st January 1994    b. 1st January 1995    c. 1st January 1996    d. 1st January 1997
95. Archimedes was a great  
 a. Scientist    b. Mathematician    c. Botanist    d. Surgeon
96. Who is considered to be the father of Greek medicine?  
 a. Charak    b. Hippocrates    c. Allopathy    d. Homeopathy
97. On which river is “BarahChhetra” situated?  
 a. Koshi    b. Mechi    c. Narayani    d. Bagmati

98. Wall Street (New York) is famous for  
a. Stock Exchange      b. Hotels      c. Parks      d. Exhibitions
99. The Nepal Youth Cricket Team came first in 2003 in  
a. Nepal      b. Pakistan      c. India      d. Sri Lanka
100. "Kanchanjungha" lies in which district  
a. Solukhumbu      b. Taplejung  
c. Panchthar      d. Sankhuwasabha

**United College  
Kumaripati, Lalitpur  
Question Set VI**

**Full Marks:100  
Pass marks:40**

**Section I: Verbal Ability**

**Direction: select the word which is closest to the meaning of the bold word**

1. Moderate  
a. not easy      b. non-historic      c. non-starter      d. not extreme
2. Deplorable  
a. Barren      b. laudatory      c. acceptable      d. regrettable
3. Percept  
a. planning      b. conduct      c. Dogma      d. concept
4. Profound  
a. sleepy      b. asylum      c. abandon      d. deep
5. Suit  
a set of rooms      b. stymie      c. plunder      d. legal case

**Direction: complete the following sentences with the appropriate choice from among the options that follow:**

6. The notice clearly states that trespassers will be.....  
a. persecuted      b. persuaded      c. prosecuted      d. pervaded
7. The police burst the tear gas shells to.....the mob.  
a. Apprehend      b. divert      c. disturb      d. disperse
8. The dose of sleeping pills proved.....and he died in sleep.  
a. Disastrous      b. fatal      c. effective      d. efficacious
9. The thieves tried to.....with the lock but they did not succeed in breaking it.  
a. Tamper      b. temper      c. fiddle      d. temperate
10. A referee should be.....in the outcome of the match.  
a. Uninterested      b. disinterested  
c. involved      d. coopted

**Direction: Each question below consists of an idiom or a phrase, followed by four lettered expressions. Choose the lettered expression that most nearly expresses the meaning of the given idiom or phrase.**

11. At six and sevens  
a. to create chaos      b. improper order  
c. in proper order      d. sometimes odd sometimes even
12. To be ill at ease  
a. to become ill      b. to recover from illness  
c. to become unpopular      d. to be on hostile terms with someone

13. Roots and branch  
a. entirely    b. step by step    c. part by part    d. bare truth
14. To eat the humble pie  
a. to be under nourished    b. to work secretly  
c. to face failure    d. to be highly annoyed
15. To make one's hand plough  
a. to do basic work    b. to commence the work seriously  
c. to change the profession    d. to do an unimportant job

**Direction: the following paragraph has a number of blanks marked 16-20. Followed by a set of options. Mark the option that best complete the blanks.**

The average new born....16....is about fifty centimeters long. In twenty years, this little body more than triples...17...in length. The average height of a man is 1.7 meters. ....18....man does not stop growing; he continues to grow even after the....19....of twenty five and reaches his maximum height at about the age of thirty. An average person shrinks as much as ten millimeter....20....ten years after the age of forty.

16. a. body    b. infant    c. kid    d. child
17. a. around    b. itself    c. over    d. last
18. a. since    b. yet    c. though    d. however
19. a. ages    b. years    c. age    d. period
20. a. in    b. after    c. every    d. usually

**Direction: the passage given below is followed by question based on its contents. After reading the passage, choose the best answer to each question.**

Sherlock Holmes was the first of all the story book detectives and he is still the greatest. He is perhaps known to more people than any other character in fiction. You have probably seen pictures of him-a powerful man of six feet two, dressed in a cape and deer stalker hat, with a pip in his mouth and a magnifying glass in his hand. Yet it was not his appearance that made Sherlock Holmes famous, but his marvelous power of detection.

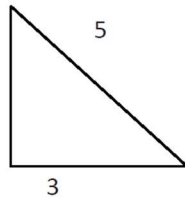
In the Norwood Builder, a popular Sherlock Holmes story, a young man rushes into Holmes Sitting-room at 221 B Baker Street. "I am John MacFerlane" he says, painting heavily. Sherlock Holmes lazily replies, "you mentioned your name as I should recognize it. I assure that beyond the obvious fact that you are a bachelor, a soliciter, a freemason, and a asthmatic, I know nothing whatever about you.

21. Sherlock Holmes picture shows him dressed in a  
a. cap and deer stalker boots    b. cape and doe coloured boots  
c. cape and deer stalker hat    d. deer skin cape and stock hat
22. Sherlock Holmes was fond of smoking  
a. cigars    b. pipe    c. cheroot    d. cigarettes
23. Sherlock Holmes' greatest asset was  
a. His power to draw conclusions    b. his keen sense of observation  
c. His magnifying glasses    d. his ability to see through people.
24. What Sherlock Holmes lazily replies to McFarlane?

- a. I know you very well.
  - b. I recognize only the story writer.
  - c. His address at 221B baker street
  - d. His marvelous power of detection.
25. What made Sherlock homes famous was
- a. his stately appearance
  - b. his pipe and hat
  - c. his address at 221 Baker street.
  - d. his marvelous power of detection.

### Section II: Quantitative Ability

26. The ten's digit of two-digit number is twice the unit's digit. Reversing the digits yield a new number. Which one of the following number is the original number?  
 a) 83      b) 63      c) 43      d) 21
27. What is the area of the triangle to the right?



- a) 6      b) 7      c) 8      d) 10
28. If in a certain school 20 students are taking math and 10 are taking history and 7 are taking both how many students are there?  
 a) 30      b) 23      c) 37      d) 27
29. Suppose p is even and q is odd. Then which of the following cannot be an integer?  
 i)  $(p+q)/p$     ii)  $pq/3$       iii)  $q/p^2$   
 a) II only    b) III only    c) I and II only    d) I and III only
30. If the average of the consecutive even integers a,b,c is less than  $a/3$  which of the following best described the value of a?  
 a) a is positive      b) a is negative  
 c) a is prime      d) a is odd
31. If  $(x+y)/(x-y)=3$  and x and y are integers, then which of the following must be true?  
 a) x is divisible by 4      b) y is an even number  
 c) y is an odd number      d) x is an even number
32. If n is an integer, then which of the following expressions must be even?  
 a)  $n^2+1$       b)  $n(n+2)$       c)  $n(n+1)$       d)  $n(n+4)$
33.  $2^{12}+2^{12}+2^{12}+2^{12}=?$   
 a)  $2^{14}$       b)  $4^{16}$       c)  $2^{16}$       d)  $2^{48}$
34.  $4(xy)^3 + (x^3 \cdot y^3)^2=?$   
 a)  $(x^3-y^3)^2$     b)  $(x^3+y^3)^2$     c)  $(x^3+y^3)$       d)  $(x^3-y^3)$

35. The population of town was 12000 in 1980 and 16000 in 1990. What was the percent increase in the population of the town during the period?  
 a) 80      b) 75      c) 5      d) 33.3
36. A jar contains 24 blue balls and 40 red balls, which one of the following is 50% of the blue balls?  
 a) 10      b) 11      c) 12      d) 13
37. John is 20 years older than Steve. In 10 years, Steve's age will be half that of John's. What is the Steve's age?  
 a) 8      b) 10      c) 20      d) 25
38. How many ounces of nuts costing 80 cents a pound must be mixed with nuts costing at 60 cents a pound to make a 10-ounce mixture costing 70 cents a pound?  
 a) 5      b) 7      c) 8      d) 9
39. The distance between cities A and B is 120 miles. A car travels from A to B at 60 miles per hour and returns from B to A along the same route at 40 miles per hour. What was the average speed for the round trip?  
 a) 56      b) 52      c) 50      d) 48
40. What is the greatest prime factor of  $(2^4)^2 - 1$ ?  
 a) 3      b) 5      c) 11      d) 17
41. If  $n$  is an integer, what is the least value of  $n$  such that  $1/3^n < 0.01$ ?  
 a) 5      b) 4      c) 3      d) 2
42.  $1/10^9 - 1/10^{10} =$   
 a)  $-1/10$       b)  $-1/10^9$       c)  $-1/10^{19}$       d)  $-9/10^{10}$
43. If 4% of  $(p+q)$  is 8 and  $p$  is a positive integer, what is the greatest possible value of  $q$ ?  
 a) 196      b) 197      c) 199      d) 200
44. The average of 8 numbers is  $A$ , and one of the numbers is 14. If 14 is replaced with 28, then what is the new average in terms of  $A$ ?  
 a)  $A+7/4$       b)  $A+1/2$       c)  $A+2$       d)  $2A+1$
45. If 7 workers can assemble a car in 8 hours, how long would it take 12 workers to assemble the same car?  
 a) 3      b) 3.5      c) 4.67      d) 6.33
46. Let  $u$  represent the sum of the integers from 1 through 20, and  $v$  represent the sum of the integers from 21 through 40. What is the value of  $v-u$ ?  
 a) 39      b) 200      c) 320      d) 400
47. In a legislative body of 200 people, the number of Democrats is 50 less than 4 times the number of Republicans. If one fifth of the legislators are neither Republican nor Democrats, how many of the legislators are Republicans?  
 a) 71      b) 50      c) 42      d) 150
48. If you roll two dice, what is the probability of sum total of 5?  
 a)  $1/6$       b)  $1/9$       c)  $1/18$       d)  $1/36$
49. If  $y$  is an even integer and  $x$  is an odd integer, which of the following expressions could be an even integer?  
 a)  $3x+y/2$       b)  $(x+y)/2$       c)  $x+y$       d)  $x^2+y^2$

50. A starts business with Rs. 35,000 and after 5 months, B joins with A as his partner. After a year, the profit is divided in the ratio 2:3. What is B's contribution in the capital?  
a) Rs. 7,500 b) Rs. 8,000 c) Rs. 8,500 d) Rs. 9,000

### Section-III: Logical Reasoning

**Direction: Select logically the best answer.**

51. Nepal will not manufacture nuclear bomb because it is peace-loving country.  
a) Some peace – loving countries do not manufacture nuclear bombs.  
b) No peace – loving country will manufacture a nuclear bomb.  
c) All peace – loving countries manufacture nuclear bomb.  
d) Nuclear bomb is manufactured for peaceful purposes.
52. She felt the book is bad because it was sad.  
a) All sad books are bad.  
b) Some people do not like to read sad books.  
c) Bad books are all sad.  
d) Sad books have sad endings.
53. Brittle things break easily.  
a) All hard things are brittle.  
b) Some hard things break easily.  
c) Some hard things are brittle and can be broken.  
d) Steel is unbreakable because it is very hard.
54. Most of the employees who work hard get bonus.  
a) All hard working employees get bonus.  
b) Some employees who are hard working get bonus.  
c) None of the hard working employees get bonus.  
d) All employees get bonus.
55. One takes medicines because one is sick.  
a) Sick people take medicine.  
b) Medicines cure sickness.  
c) All people take medicines.  
d) All medicines make people sick.

**Direction: Two statements are followed by two possible inferences. You are requiring identifying the answer choice that applies the question no. 56 to 60. Assume the statements to be correct even if they may vary with the facts.**

Answer Choice

- a) Only inference I follow  
b) Only inference II follow  
c) Both inferences I and II follow  
d) Neither inference I nor inference II follows
56. All horses are donkeys; all donkeys are monkeys, so:

- (i) All horses are monkeys (ii) All monkeys are horses
57. No flower is plant, no plant is tree, so:  
 (i) No Tree is flower (ii) No flower is tree
58. All cars are scooters; all scooters are trucks, so:  
 (i) Some trucks are car (ii) All cars are truck
59. Every ink is red; rose is red, so:  
 (i) Rose is ink (ii) Ink is rose
60. No drug is a tonic; some tonics are beneficial, so:  
 (i) No drug is beneficial (ii) Some drugs are beneficial

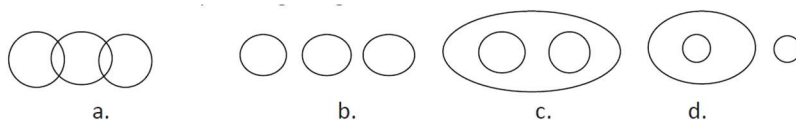
**Direction: Find the odd-one out.**

61. a) Monitor b) Printer c) Zip-driver d) Steering  
 62. a) Aunt b) Mother c) Brother d) Sister  
 63. a) Piano b) Guitar c) Banjo d) Harmonium  
 64. a) Train b) Truck c) Car d) Cart  
 65. a) Nylon b) Fur c) Wool d) Cotton

**Direction: Two words on the left side of the sign (::) bears the same relationships. The same relationship exists between the third word and the word provides in the answer choices. Select the logically best word.**

66. Run : Walk :: Shout : ?  
 a) Cry b) Call c) Whisper d) Scream
67. Cast : Class :: Appointed : ?  
 a) Status b) Achieved c) Job d) Employment
68. Do : Undo :: Reason : ?  
 a) Intelligence b) Ignorance c) Learning d) Genius
69. Faulty : Useless :: Slow : ?  
 a) Moronic b) Intelligent c) Fast d) Worry
70. Foundation : Structure :: Cylinder : ?  
 a) Plan b) Instrument c) Transport d) Motor

**Choose from the following diagrams the one that illustrates the best relationship among the given three words.**



71. Asia, Europe, Africa : (a) (b) (c) (d)  
 72. Animal, Dog, table :(a) (b) (c) (d)  
 73. Men, Teachers, Priests :(a) (b) (c) (d)  
 74. Musicians, Dancers, Performers :(a) (b) (c) (d)  
 75. People, Women, Earth :(a) (b) (c) (d)

#### Section IV: General Awareness

76. Which country do Sinologists study?  
a) Japan                      b) China                      c) Korea                      d) Singapore
77. What was the first James Bond film?  
a) DR. NO                      b) From Russia with love                      c) Thunderbolt                      d) Star wars
78. Which human rights organization founded in 1961 got Nobel Peace Prize in 1977?  
a) UNHCR                      b) European Human Rights Commission  
c) Amnesty International                      d) International Court of Justice
79. Whose autobiography was The long walk to Freedom?  
a) Mahatma Gandhi                      b) Nelson Mandela  
c) Md. Ali Jinnah                      d) Subash Chandra Bose
80. Who ran through the streets naked crying Eureka?  
a) Aristotle                      b) Albert Einstein                      c) Archimedes                      d) Right Brothers
81. The vegetable Broccoli belongs to which family?  
a) Cabbage                      b) Cauli flower                      c) potato                      d) spinach
82. What links the names Botvink, Tal, Karpov, Fischer?  
a) They are Cricketers                      b) They are Chess Champions  
c) They are Lawn Tennis Players                      d) They are world class footballers
83. What is the national flower of Japan?  
a) Rose                      b) Mary Gold                      c) White Lily                      d) Chrysanthemum
84. Which medical tool was developed by Sanctorius in 1621?  
a) Thermometer                      b) Blood Pressure Measurement                      c) Glucometer                      d) X-Ray
85. What is known as the business portfolio that provides a steady dependable source of income which provides money for the rest of the business?  
a) Star                      b) Dogs                      c) Question Marks                      d) Cash Cows
86. A financial ratio which gives an indication of whether or not a company can pay its short-term debts is known as:  
a) Current ration                      b) Acid test ration                      c) Breakeven point                      d) Capital to assets ratio
87. What do you understand by FMCG?  
a) Forward Marketing Core Group                      b) Former Mangers of Chaudhary Group  
c) Fast Moving Consumer Goods                      d) Feeling Management of Control Group
88. What does Gratis mean?  
a) To give a gift to a loved one                      b) To give something free-of-cost  
c) To give advice                      d) To give a lecture
89. To which country the Nikkei index belong to?  
a) Hong-Kong                      b) China                      c) Japan                      d) Singapore
90. In which district is the Rara Lake locate?  
a) Dolpa                      b) Mugu                      c) Jumla                      d) Kalikot
91. Which of the following newspaper is not published daily?  
a) Kantipur                      b) The Himalayan Times                      c) Nagarik                      d) Bimarsha
92. To which sports does James Rodriguez belong to?  
a) Cricket                      b) Football                      c) Hockey                      d) Lawn Tennis

93. Which of the following book is not part of the four “Bedas”?  
a) Rigbed                      b) Atharvabed                      c) Samabed                      d) Dhanurved
94. which tax is levied on production?  
a) Income tax                      b) Custom duty                      c) Excise duty                      d) sales tax
95. A tax payable on profits made on the sale of certain types of assets by a company or individual is known as:  
a) Property tax                      b) Capital Gains Tax                      c) Wind fall Tax                      d) Income Tax
96. Recently, Super Typhoon Neoguri, the strongest typhoon so far in the 2014 Western Pacific season smashed which of the following countries?  
a) Japan                      b) New Zealand                      c) Australia                      d) China
97. How many rings are there on the Olympic flag?  
a) Three                      b) Cheek                      c) Neck                      d) Backbone
98. Where in your body is your patella?  
a) Knee                      b) Cheek                      c) Neck                      d) Backbone
99. Which bird like mammal lays egg?  
a) Kiwi                      b) Emu                      c) ostrich                      d) Duck-billed Platypus
100. Who starred as the Six Million Dollar Man in the Hollywood movie?  
a) Charles Bronson                      b) Lee Majors                      c) John Lennon                      d) Jimmy Holbrook

**United College  
Kumaripati, Lalitpur  
Question Set VII**

**Full Marks:100**

**Pass marks:40**

**Section I: Verbal Ability**

**Directions: Select the most suitable preposition in the following sentences.**

1. The patient is afflicted \_\_\_\_\_ cough.  
a. from      b. by              c. in              d. with
2. The old man is honest \_\_\_\_\_ word and deed.  
a. to              b. in              c. upon              d. for
3. The rich man has no affection \_\_\_\_\_ the poor.  
a. to                      b. over              c. with              d. for
4. Jagdish had no servant to attend \_\_\_\_\_ him.  
a. upon      b. over              c. with              d. to
5. Beggar begged money \_\_\_\_\_ me.  
a. to              b. from              c. by              d. with

**Directions: Complete the following sentences correctly.**

6. The \_\_\_\_\_ document was destroyed by him.  
a. factious      b. facetious      c. factitious      d. fictitious
7. We never \_\_\_\_\_ what we are ashamed of  
a. acknowledge      b. confess      c. admit              d. avow
8. He \_\_\_\_\_ to us for half an hour.  
a. said              b. spoke              c. talked              d. told
9. Before one \_\_\_\_\_, one should make an attempt to discover the artist's purpose.  
a. assigns      b. purchases      c. deliberates      d. criticizes
10. In order to control and defeat the dreadful diseases that plague humanity, \_\_\_\_\_ activity is necessary.  
a. constant      b. full              c. concreted      d. vital

**Directions: Select the Antonyms of the following words.**

11. Exaggerate:  
a. Relate      b. Condone      c. Minimize      d. Disclose
12. Alleviate:  
a. Aggravate      b. Hostile              c. Friendly              d. Protect
13. Arrogant:  
a. Familiar      b. Humble              c. Detach              d. Regular
14. Exotic:  
a. Poor              b. Expose              c. Fragile              d. Indigenous

15. Diverse:  
a. Different b. Unequal c. Deniable d. Homogeneous

**Directions: Select the best word, which correctly fills the blanks.**

Most people spend \_\_\_ 16 \_\_\_ of time and money buying their toothpaste, but buy the first toothbrush they can find. It \_\_\_ 17 \_\_\_ more attention than that, say dentists. The brush \_\_\_ 18 \_\_\_ the less glamorous partner in your dental kit, but it is the more \_\_\_ 19 \_\_\_ one. It does something that the best toothpaste \_\_\_ 20 \_\_\_ do alone.

16. a. enough b. part c. most d. plenty  
17. a. needs b. demands c. deserves d. commands  
18. a. may be b. is c. has to be d. need to be  
19. a. frequent b. vital c. relevant d. common  
20. a. need not b. should not c. may not d. cannot

**Directions: Read the following passage and answer the questions that follow the passage, based on the options to each questions.**

The great Adventure of the electric train over the steam train, I think, is that it does not smell. When you are in a train drawn by a steam locomotive, you always have the unpleasant odour of burning coal around you. If you open the window to look out at the view and to get some fresh air, you are covered with little bits of coal-ash, which gets into your hair and eyes and soon forces you to shut the window again and withdraw into the impure atmosphere of your compartment. In a tunnel, your misery reaches a peak, for there the smoke is forced into a small area, from which it escapes into the train itself through any small cracks it may find. In a long tunnel, the smell grows worse and worse, while your eyes, smart and the electric light in the carriage grows dim, hidden behind the wreathing smoke. With an electric locomotive, on the other hand, you can enjoy the view and the fresh air without inconvenience.

21. Why does one get an unpleasant smell in the steam train?  
a. because no fresh air can enter the train  
b. because coal gives out unpleasant smell when it burns  
c. because the steam trains are very old and foul smelling  
d. because there is too much crowd in the train
22. What forces you to close the windows of steam train?  
a. it is very noisy outside  
b. there is no fresh air outside  
c. little bits of coal-ash get into the viewer's eyes and hair  
d. it is too cool outside
23. Why does one feel miserable when the steam train passes through a long tunnel?  
a. one cannot see things  
b. the train gets very noisy  
c. the atmosphere inside the train becomes smoke-filled and eyes begin to pain  
d. one cannot get fresh air
24. What advantage does one have when one travels by an electric locomotive?  
a. one can have as full view of things outside and breathe fresh air

- b. one can travel in any part of the world
  - c. one can travel to the mountains
  - d. one can travel faster
25. The author seems to suggest that
- a. steam engines should be banned
  - b. all trains should be pulled by electric engines
  - c. Passengers should be issued air filters during journey
  - d. train engines should be repaired periodically

## Section II: Quantitative Ability

**Direction: Select the correct answer choice**

26. Five boys went to see the Circus. Four of them had Rs.5 each and the fifth boy had Rs.1 more than the entrance ticket price. If with the whole amount (which the 5 boys had) the boys were able to just by the entrance ticket for all the 5, cost of the entrance ticket per person was:
- a. Rs.4.25    b. Rs.5    c. Rs.5.20    d. Rs.5.25
27. The side of two squares is X:Y, the ratio of their perimeter is:
- a.  $X/4:Y/2$     b.  $4X:Y$     c.  $X:Y$     d.  $X^2:Y^2$
28. How many numbers of two digits can be formed out of the four digits p, q, r & s?
- a. 6    b. 12    c. 16    d. 18
29. A, B and C did a work together and earned Rs.195. If the ratio of work of A:B:C be as 4:6:3, the money obtained by C is:
- a. Rs.90    b. Rs.60    c. Rs.45    d. Rs30
30. A number 'x' when multiplied by 5 added to three times its own gives 64, the number 'x' is:
- a. 8    b. 12    c. 16    d. 20
31. Area of a rectangle is 150 sq.m. Its one side is 15 m. The height of the rectangle is:
- a. 8 m.    b. 10 m.    c. 12 m.    d. 16 m.
32. Divide Rs.53 among A, B and C so that A may receive Rs.7 more than B, and B may receive Rs.8 more than C.
- a. 10, 15, 18    b. 18, 10, 25
  - c. 20, 12, 27    d. 25, 18, 10

**Direction: Question number 33 to 37 are based on the following table. Select the best answer choice.**

Number of Articles sold by a Jeweller during a week

Days	Rings	Necklaces	Watches
Monday	2	3	2
Tuesday	4	7	5
Wednesda y	7	2	3
Thursday	5	8	6
Friday	7	9	8
Saturday	8	10	7

33. Which articles were sold most in the week?  
 a. Ring                                      b. Necklace  
 c. Watch                                      d. Both ring & watch
34. Which articles were sold least in the week?  
 a. Ring                                      b. Necklace  
 c. Watch                                      d. Both ring & watch
35. How many articles were sold in the week?  
 a. 99            b. 103            c. 107            d. 111
36. On which day most articles were sold?  
 a. Friday    b. Tuesday    c. Saturday    d. Wednesday
37. On which day fewest articles were sold?  
 a. Tuesday    b. Wednesday    c. Friday            d. Monday

**Direction: Select the correct answer choice.**

38. The system of equation  $2x + ky + 5 = 0$  and  $x - 3x - 9 = 0$  has a unique solution, when  
 a.  $k \neq 6$     b.  $k - 6$             c.  $k \neq -6$             d.  $k = -6$
39.  $3^{12} \times (2^x)^2 = 6^{12}$ , then x equals to  
 a. -6            b. +6            c. 12            d. 6
40. If one straight line meets another straight line, the sum of the two adjacent angles on one side of it is:  
 a. one right angle                      b. two right angles  
 c. three right angles                    d. four right angles
41. The current population of town is 10,000. If the population of the town is increasing at the rate of 10% every year, then the population of the town after three years will be:  
 a. 13000    b. 13310            c. 13300            d. 13330
42. A book-seller purchased a book at Rs.20 and sold it at a profit of 15%. The selling price in Rs. of the book would be:  
 a. 22            b. 23            c. 27            d. 30
43. A library has an average number of 510 visitors on Sunday and 240 visitors on other days. The average number of visitors per day in a month of 30 days beginning with Sunday is:  
 a. 285            b. 290            c. 300            d. 400

44. A journalist traveled 1200 km. by air which formed  $\frac{2}{5}$  of his trip. The remaining part of his trip was one third of the whole trip by car and the rest by bus. The distance traveled by bus is:  
 a. 700 km. b. 800 km. c. 900 km. d. 1000 km.
45. If y is 25% less than x then x is what percent more than y?  
 a. 25% b. 33.33% c. 16.5% d. 22.22%
46. If  $a = 8$ ,  $b = 6$  and  $c = 4$ , find the value of  $(abc)^5 \div (abc)^4$   
 a. 192 b. 18 c. 324 d. 1
47. A businessman mixes two varieties of tea in the ratio of 2:5 and sells the mixture at Rs.40 per k.g. If the cost of two varieties respectively be Rs.45 and Rs.31 per k.g., what would be his profit percent?  
 a. 13 b. 37 c. 16 d. 14.28
48. The smallest number which when subtracted from the difference of the squares of 29 and 22 that gives a perfect square is:  
 a. 9 b. 33 c. 13 d. 21
49. If  $a + b + c = 0$ , find the value of  $(a+b)(b+c)(c+a)$   
 a.  $-3abc$  b.  $3abc$  c.  $-abc$  d.  $abc$
50. An examination paper consists of 12 questions divided into parts A and B. Part A contains 7 questions and part B contains 5 questions. A candidate is required to attempt 8 questions selecting at least 3 from each part. In how many maximum ways can the candidate select the questions?  
 a. 320 b. 400 c. 420 d. 480

### Section III: Logical Reasoning

**Direction: Select the logically best answer.**

51. Akbar was popular because he was secular.  
 a. All popular are secular b. All secular are popular  
 c. Only scholars are popular d. None
52. He cannot understand because he does not concentrate.  
 a. All who understand concentrate  
 b. All who concentrate understand  
 c. Some who understand do not concentrate  
 d. Some who do not concentrate do not understand
53. Drug addicts are hated because they are criminals.  
 a. All who are hated are drug addicts  
 b. All criminals are hated  
 c. All hated are criminals  
 d. Some criminals are hated
54. The poor are not happy because no poor has money.  
 a. All happy have money  
 b. All who have money are happy  
 c. Some who have money are happy  
 d. Some who are happy have money
55. Birds can fly because they have wings.  
 a. All having wings can fly

- b. All which can fly have wings
- c. Some which can fly have wings
- d. Some which have wings can fly

**Directions: Find the odd-one out:**

- 56. a. monitor    b. accelerator    c. printer    d. zip-driver
- 57. a. mother    b. sister    c. brother    d. aunt
- 58. a. guitar    b. piano    c. harmonium    d. banjo
- 59. a. train    b. car    c. cart    d. truck
- 60. a. fur    b. wool    c. cotton    d. beard

**Directions: Two words on the left side of the sign (::) bears same relationships. The same relationship exists between the third word and the word provided in the answer choices. Select the logically best word.**

- 61. Shout : whisper :: Run : ?  
 a. stay    b. stand    c. walk    d. hop
- 62. Caste : class :: Appointed : ?  
 a. status    b. achieved    c. between    d. uppermiddle
- 63. Faulty : useless :: Slow : ?  
 a. moronic    b. intelligent    c. wary    d. fresh
- 64. Do : undo :: Reason : ?  
 a. learning    b. intelligence    c. ignorance    d. genius
- 65. Cylinder : Motor :: Foundation : ?  
 a. plan    b. house    c. brick    d. basis

**Directions: Select the pair of words that best expresses a relationship the to given pair of words.**

- 66. Ring : Engagement :: ?  
 a. Handshake : Treaty    c. Anger : Insult  
 b. Kick : Beat    d. Bangle : Wrist
- 67. Suggestion : Order :: ?  
 a. Advice : Suggest    c. Plan : Implement  
 b. Simple : Laugh    d. Anger : Shout
- 68. Curve : Accident :: ?  
 a. Dirt : Disease    b. Women : Sweepers  
 c. Narrow : Road    d. Bad : health
- 69. Shoe : Leather :: ?  
 a. Brick : Clay    b. Cement : Building  
 c. Match : Fire    d. Cotton : Clothes
- 70. Launcher : Missile :: ?  
 a. Boat : Anchor    b. Gun : Revolver  
 c. Catapult : Stone    d. Engine : Train

71. FGH : JKL :: PQR : ?  
 a. ABZ    b. ZAB    c. WXY    d. TUV
72. XWV : UTS :: LKJ : ?  
 a. IHG    b. JKL    c. STU    d. MNO
73. IGH: TRS :: ? : KIJ  
 a. ABZ    b. ZAB    c. WXZ    d. WUV
74.  

	3C	2B	4A
	27A	?	64B
	9C	4A	16B

 a.8C    b. 16C    c. 18C    d. 12C
75.  

	AZ	DW	GT
	BY	EV	?
	CX	FU	IR

 a. KT    b. HS    c. JI    d. AD

#### Section IV: General Awareness

**Directions: Each question is followed by four answer choices. Select the best answer.**

76. Data originally collected by the investigator himself/herself is called  
 a. Official data    b. Primary data  
 c. Secondary data    d. Group data
77. Which automobile company manufactures the 'Matiz' model car?  
 a. Maruti    b. Honda    c. Daewoo    d. Nissan
78. To which product is the brand name "Mayos" associated with?  
 a. Tomato sauce    b. Car  
 c. Instant noodles.    d. Toothpaste
79. In which continent is the Kalahari desert located?  
 a. Asia    b. South America  
 c. Africa    d. Australia
80. Which country is the largest producer of aluminum ?  
 a. Russia    b. USA    c. South Africa    d. Australia
81. To which country does the NASDAQ stock exchange index belong?  
 a. Nepal    b. India    c. USA    d. Japan
82. Which country is the largest producer of cotton yarn?  
 a. Egypt    b. UK    c. China    d. Russia
83. The airline 'Garuda' belongs to which country?  
 a. Sri Lanka    b. India    c. Pakistan    d. Indonesia

84. "Lets make things better" is a slogan of:  
a. Philips   b. Daewoo   c. Sony   d. Grindlays Bank
85. The brand name "CBZ" is associated with:  
a. Cold drinks                      b. Confectionery  
c. Cosmetics                              d. Motorcycle
86. G8 is the organization of:  
a. Least developed countries  
b. Industrially developed countries  
c. Petroleum exporting countries  
d. Non-aligned countries
87. Which of the following is an export items from Nepal?  
a. Cement   b. Cashew nut   c. Pashmina Shawl   d. Palm Oil
88. Everest Bank has been established in collaboration with:  
a. Habib Bank of Pakistan   c. City Bank of Punjab  
b. State Bank of India        d. Punjab National Bank
89. What is SAFTA?  
a. A sports promotion organization in South Asia  
b. A brand of detergent  
c. An agreement for promotion of liberalized trade policy  
d. A kind of computer software
90. Which of the following word is not associated with foreign trade?  
a. Tariff   b. Excise Duty   c. CIF Price   d. Marine Insurance
91. A person that contributes capital to a partnership but is not involved in its daily running is known as:  
a. Nominal Partner                      b. half Partner  
c. Sleeping Partner                      d. Limited Partner
92. A joint stock company is called an artificial person because:  
a. It does not have the shape of natural person  
b. It cannot be sued in the court of law  
c. It exists only in contemplation of law  
d. It is invisible and intangible
93. The internal affairs of a company are controlled by the:  
a. Memorandum of association  
b. Articles of association  
c. Prospectus  
d. Company Act

94. The wholesaler is an important link between:
- a. manufacturer and consumer
  - b. manufacturer and retailer
  - c. retailer and consumer
  - d. government and people
95. Among the following functions, commercial banks do not perform one of the function. Identify it.
- a. To issue bank drafts
  - b. To issue currency notes
  - c. To issue LC
  - d. To issue credit cards
96. Saving is the:
- a. Difference between current income and consumption
  - b. Sum of 1 as and when people:
    - a. Do not pay for goods and services they use
    - b. Do not pay taxes on their income
    - c. Keep heavy foreign exchange accounts
    - d. Print their own currency notes
98. A man insures his house for Rs.60,000 and pays the insurance company a yearly sum of Rs.500. This payment is:
- a. Premium
  - b. Insurable interest
  - c. Down payment
  - d. Yearly payment
99. A 'laissez-faire' economy is found only under:
- a. Pure socialism
  - b. Pure capitalism
  - c. Pure communism
  - d. Pure monarchy
100. A period of low economy activity as known as
- a. Boom
  - b. Recovery
  - c. Recession
  - d. Inflation