

HISSAN CENTRAL EXAMINATION – 2079 (2022)

Grade : XII

Time : 2 hrs

COMPUTER SCIENCE [4281 M]

Full Marks: 50 (9 marks Obj + 41 Marks sub)

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

GROUP A

Multiple choice questions [9×1=9]

Time: 20 Minutes

Tick the correct answer.

- Which of the statements are used in DML statement?
 - Select, drop, where
 - Select, insert, delete
 - Select, drop, update
 - Select, insert, drop
- With SQL, how do you select all the records from a table named “employee” where the value of column “ename” is “john” ?
 - Select * from employee where ename is exactly john
 - Select * from employee where ename is equal to ‘john’
 - Select * from employee where ename =’john’
 - Select * from employee where ename is not in john
- What is the first step in the software development lifecycle?
 - System design
 - System testing
 - Coding
 - System analysis
- What is the minimum number of functions to be present in a C program?
 - 4
 - 1
 - 2
 - 3
- What kind of transmission medium is most appropriate for carry data in a computer network that is exposed to electrical interferences?
 - Unshielded twisted pair

- Optical fiber
- Coaxial cable
- Microwave

- What should be the correct syntax to write a PHP code?
 - < php >
 - < ? php ?>
 - <? ?>
 - Php
- Which jQuery method is used to hide selected elements?
 - hidden()
 - display(none)
 - hide()
 - visible(false)
- Which Key is used to uniquely identifies a record?
 - Primary Key
 - Foreign Key
 - Both a. and b.
 - None of the mentioned
- Which of the following is not a unguided communication media?
 - Twisted pair wire
 - Satellite
 - Microwave
 - Bluetooth

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GROUP B

Short answer questions: [5×5=25]

1. Explain 1NF and 2NF with examples.

OR

Demonstrate any three DDL statements with example. [5]

2. What is OOPs? Define the terms class, polymorphism and Object. [2+3]

3. What do you mean by feasibility study? Why is it necessary before designing a system? [2+3]

4. What is virtual reality? Explain. [5]

5. Write a function to multiply two numbers in javascript. [5]

OR

Write a PHP program to multiply two numbers. [5]

Group C: Long answer questions [2× 8=16]

6. Define IP address. Explain any three different types of IP address. [2+6]

7. Define structure. Write a C program to store information of 10 students (eid, ename, class) and display it using structure variable. [2+6]

Or

What is pointer? Write a C program to read 3 numbers and find its product using pointer. [2+6]

THE END