

HISSAN CENTRAL EXAMINATION – 2080 (2024)

Grade : XII

Time : 2 hrs

Full Marks: 50

COMPUTER SCIENCE [4281 D1]

GROUP A

Multiple Choice Questions

[9×1=9]

Choose the correct answer.

- Which of the following is generally used for performing tasks like creating the structure of the relations, deleting relation?
A) DML
B) Query
C) Relational schema
D) DDL
- The primary key is selected from the
A) Composite key
B) Determinants
C) Candidate key
D) foreign key
- Which one of the following given statements possibly contains the error?
A) SELECT * from emp where empid = 10003;
B) SELECT empid from emp where empid = 10006;
C) SELECT empid from emp;
D) SELECT empid where empid = 1009 and Lastname = 'GELLER';
- The largest geographic area a WAN can span is
A) town
B) world
C) city
D) state
- Which of the following is the correct syntax to write a PHP code?
A) <?php ?>
B) < php >
C) < ? php ?>
D) <? ?>
- What will be the output of the following in JavaScript?

```
<script type="text/javascript">  
A=5 + "9";  
Document.write(a);  
</script>
```


A) compilation error
B) 14
C) 59
D) run time error
- Which sign is used to declare variable in PHP?
A) @
B) #
C) \$
D) _
- Which feature of OOPS described the reusability of code?
A) Class.

- B) Polymorphism.
C) Inheritance.
D) Data Abstraction.

9. What does the study of an existing system refer to?
A) Feasibility study
B) DFD
C) System analysis
D) System planning

GROUP B

Short Answer Questions

[5×5=25]

10. what are the different types of anomalies in database? Explain. [5]
OR
Explain second normal form with example. [5]
11. Write a program in JavaScript to find factorial value of a number. [5]
OR
Write a PHP program to reverse given number. [5]
12. Define the terms class and object. How the programmers are benefited from inheritance feature of OOPs? [1+1+3]
13. Explain the importance of system analysis phase of SDLC. [5]
14. Explain Virtual Reality with example. [5]

GROUP C

Long Answer Questions

[2×8=16]

15. What is computer network? Explain any three types of network topology. [2+6]
16. Create a structure named Book to store book details like title, author, and price. Write a C program to input details for three books and display their information in ascending order based on price. [8]
OR
Create a structure called "Student" with members name, age, and marks of 3 subjects. Write a C program to input data for two students, display their information, and find the total marks of each student. [8]

THE END