

COMPUTER SCIENCE (THEORY)-XII

Time Allowed: 3 hours]

[Maximum Marks:60

Candidates are required to give their answers in their own words as far as practicable.
Marks allotted to each question are indicated against it.

Special Instructions:

- (i) While answering your questions, you must indicate on Your Answer-book the same question No. as appears in your Question Paper.
 - (ii) Do not leave blank page or pages in your Answer-book.
 - (iii) All questions are compulsory. Internal choices are given.
 - (iv)
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1. State whether the following statement are true or false :
 - i) Bitmap image are made up of geometric objects.
 - ii) cp command is used for copy the file on another location.
 - iii) PHP is an open source Software.
 - iv) A cursor can display information from a single table only.
 - v) DBMS stands for Database managing system .
 - vi) LVM stands for Linear Volume Management.
 - vii) Online banking is also known as Net Banking.
 - viii) The PHP echo statement is often used to input data to the computer
 - ix) OLX is E-Commerce practices of type B2C.
 - x) Delete command is used to delete a table in PL/SQL.

1x10=10
 2. (a) Write a short note on Linux Operating System. 3
Or
What is a shell? How does it work with the kernel and with the user?

(b) What do you mean by the term 'Cyber Law'? Explain. 3
Or
Explain the following commands:
i. mkdir ii. Cat iii. ls iv. Cp
 3. (a) What are Major responsibilities of a Network Specialist ? 3
Or
What is Firewall ? Explain its types.

(b) What is mount point in Linux 3
Or
What is swap space? Explain.

(c) Write the Advantages of using PHP. 5
or
What do you understand by CSS? Explain its main features.
 4. (a) Write a note on Corel Draw. 3
Or
Explain how a drawing can be created in Corel Draw.

(b) How are the Bitmap graphics different from the vector images ? Explain. 3
Or
How can you lock and unlock objects in corel draw.

- (c) Explain the terms Database and Database management System. 4
or
Explain the advantages of a Database System.
5. (a) Write a program in PHP to demonstrate the use of switch state and also show its output. 5
(b) Write the classification of MySQL statements in brief 5
Or
What do you mean by constraint ? What are the different type of constraint in MySQL? Explain.
6. (a) What is online services? Write the advantages of online services? 4
or
What is online customer support services? Write its advantages and disadvantages.
- (b) What is E-Commerce? Explain its types. 4
Or
Differentiate between Traditional Commerce and E-Commerce.
- (c) Write a program to calculate area of a triangle in PL/SQL. 5
Or
Explain PL/SQL Block Structure.