12

Time : 3.00 hrs.

Reg. No. ☐☐☐☐☐☐☐

Half-Yearly Examination - 2022
COMPUTER APPLICATION

Max. Marks : 70

PART - I

I.   Choose the correct answer.   **15 x 1 = 15**

1.   Images are generated by the computer in _____ ways.
     a) 2   b) 3   c) 4   d) 5

2.   Which of the following is a DTP software?
     a) Pagemaker   b) In Design   c) Quark X Press   d) All of the above

3.   Which of the following is not a Database?
     a) Oracle   b) PostgreSQL   c) SQLite   d) None of these

4.   The variable in PHP begins with a _____ symbol.
     a) @   b) #   c) $ d) %

5.   Indentify the parameter in the function.
     ```
     <?php
     function abc($x)
     {$y=10;}
     abc(5);
     ?>
     ```
     a) $x   b) $y   c) 10   d) 5

6.   What will be the output of the following PHP code?
     ```
     <?php
     if(-100)
     print "hi";
     else
     print "how are u"
     ?>
     ```
     a) How are u   b) hi   c) error   d) no output

7.   Which attribute of form tag helps in client side validation?
     a) Submit   b) Check   c) Validate   d) Required

8.   Which is the correct function to establish Connection in PHP?
     a) mysqli_connect("Server Name","User Name","Password","DB Name";
     b) connect("Server Name","User Name","Password","DB Name")
     c) mysqli_connect("Server Name","User Name","Password","DB Name");
     d) mysqli_connect("Database Object");

9.   Match the perios and methods available on history of computer networking in the Internet
     a)   1950   -   X.25 TCP/IP
     b)   1966   -   SAGE
     c)   1976   -   WAN
     d)   1972   -   ARCNET
     a) 4,3,2,1   b) 3,4,2,1   c) 1,2,3,4   d) 2,3,4,1

10. Which one of the following will secure data on transmissions
     a) HTTPS   b) HTTP   c) FTP   d) SMTP

11. Which of the following initiates the mapping of Domain Name to IP address?
     a) Zone   b) Domain   c) Resolver   d) Name servers

12. ARPANET stands for
    a) American Research Project Agency Network
    b) Advanced Research Area Network
    c) Advanced Research Project Agency Network
    d) American Research Programs and Network
13. Which is an example of network simulator?
    a) simulator   b) TCL   c) Ns2   d) C++
14. In E-Commerce, when a stolen credit card is used to make a purchase it is termed as
    a) Friendly fraud   b) Clean fraud   c) Triangulation fraud   d) Cyber squatting
15. Who is called as the father of EDI?
    a) Charles Babbage   b) Ed Gulibert   c) Pascal   d) None of the above

Part - II

II. Answer any 6 from the following. (Q.No. 24 is compulsory)   **6 x 2 = 12**
16. Define Multimedia and their features.
17. What is View in SQL?
18. Write the syntax of the if .....else statement in PHP.
19. What is form validation in PHP?
20. What are the MySQLi function available PHP?
21. Expand HTTP, HTTPS, FTP.
22. What is meant by champ connector?
23. Distinguish between E-Business and E-Commerce.
24. Write about Digital Signature.

Part - III

III. Answer any 6 from the following. (Q.No. 33 is compulsory)   **6 x 3 = 18**
25. What is PageMaker? Explain its uses.
26. Write short note on PHP operaror.
27. Write the features of build-in functions.
28. Differentiate While and Do while loop.
29. What is meant by Artificial Intelligence.
30. What are the uses of Open source Network Software?
31. Briefly explain the stored value card and its types.
32. List the various layers of EDI.
33. Differentiate IPv4 and IPv6.

Part - IV

IV. Answer in detail of the following.   **5 x 5 = 25**
34. a)   Explain in detail about production team Roles and Responsibilities. **(OR)**
    b)   Write the steps to draw a star using polygon tool.
35. a)   List the basic concepts of ER Model with suitable Example. **(OR)**
    b)   Explain client side and server side scripting language.
36. a)   Explain Array concepts and their types.   **(OR)**
    b)   Discuss in detail about For Each loop.
37. a)   Mention some uses of network at business, home mobile, social application. **(OR)**
    b)   Explain the types of network cables.
38. a)   What is credit card? Explain the key players of a credit card payment system and bring out the merits of it.   **(OR)**
    b)   What are the advantages of EDI.

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