HALF YEARLY EXAMINATION - 2024

COMPUTER APPLICATION

STD : XII

TIME: 3.00 HRS

TOTAL MARKS:70

Note (1) Answer all the questions (ii)choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer

PART I

15 * 1 = 15

1. Which of the following is an audio file format?
   a) MP3   b) AVI   c) MPEG   d) PNG

2. Which tool lets you edit text?
   (a) Text tool   (b) Type tool   (c) Crop tool   (d) Hand tool

3. Tables in RDBMS are called _____.
   a) Records   b) Relationships   c) Attributes   d) Models

4. Pre-defined functions are also called _____.
   a) user-defined functions   b) recursive functions
   c) built-in functions   d) lambda functions

5. What is the output of the following code?
   ```
   $array = array(1, 2, 3, 4, 5);
   foreach ($array as $value)
   {
      echo $value;
   }
   ```
   a) 1 2 3 4 5   b) 5 4 3 2 1   c) 1 1 1 1 1   d) None of the above

6. Which form control allows the user to select only one value at a time?
   a) text inputs   b) buttons   c) checkboxes   d) radio buttons

7. Which is the correct function Closing Connection in PHP?
   a) mysqli_close("Connection Object");   b) close("Connection Object");
   c) mysql_close("Connection Object");   d) mysqli_close("Database Object")

8. Which among them was challenging to the business people on computer networking
   a) Hacking   b) Viruses   c) Both a & b   d) none of this above

9. Wi-Fi stands for--------
   a) Wireless Fidelity   b) wired fidelity   c) wired optic fibre   d) wireless optic fibre

10. Which is the contiguous area up to which the server has access?
    a) Zone   b) Domain   c) Resolver   d) Name servers

11. Which cable is used in cable TV?
    a) UTP cable   b) Fibre optics   c) Coaxial cable   d) USB cable

12. Which of the following is a software program that replicates the functioning of a computer network?
    a) Network software   b) Network simulation   c) Network testing   d) Network calculator

13. Off-shoring means
    a) Work outsourced to a branch of its own company
    b) Work outsourced to new employees
    c) Work outsourced to a third party locally
    d) Work outsourced to a third party outside its own country

14. ECS stands for
    a) Electronic Clearing Services   b) Electronic Cloning Services
    c) Electronic Clearing Station   d) Electronic Cloning Station

15 _____ protocol is used for securing credit cards transactions via the Internet
a) Secure Electronic Transaction (SET)   b) Credit Card Verification
c) Symmetric Key Encryption   d) Public Key Encryption

Part II

Answer any SIX of the following Questions. Question No.24 is Compulsory.   6 X 2=12

16. Classify the TEXT components in multimedia.
17. What is a Pasteboard in PageMaker?
18. What is 'Echo' statement used for? Give an example.
19. What is an array in PHP and what are its main types?
20. Expand HTTP, HTTPS, FTP.
21. What are the types of twisted pair cables?
22. What is dotcom bubble and dotcom burst?
23. Explain the concept of e-wallet
24. What is the output of the following code?

```php
<?php
$x = 10;
if ($x > 5)
    {
        echo "x is greater than 5";
    }
else
    {
        echo "x is not greater than 5";
    }
?>
```

Part III

Answer any SIX of the following Questions. Question No.33 is Compulsory.   6 X 3=18

25. List out the different types of data types in PHP.
26. Explain the difference between the POST method and GET method of sending data to the server in PHP.
27. Write MySQLi Connection Syntax with example
28. Write a note on Resource sharing.
29. Write a note on URL and its types.
30. List out the Popular Open Source Software.
31. Write a note on digital certificate.
32. Write a note on UN/EDIFACT.
33. Write a PHP code to print 1 to 10 numbers in ascending order using for loop.

PART IV

Answer All the following Questions.   5 X 5=25

34. a) Explain in detail about different file formats in multimedia files   (OR)
    b) Write the steps to place the text in a frame.
35. a) Discuss on various database models available in DBMS   (OR)
    b) Discuss in detail about switch statement with an example.
36. a) Explain 'foreach' loop with examples   (OR)
    b) Explain about Internet, Intranet and Extranet.
37. a) Explain the IP address and its classification.   (OR)
    b) Explain the components used in Ethernet cabling.
38. a) Explain any five E-Commerce revenue models.   (OR)
    b) Explain in detail : Unified payments interface.

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