HALF YEARLY EXAMINATION - 2024

12 - Std   COMPUTER APPLICATIONS

Time : 3.00 Hrs   SALEM   Marks : 70

PART - I

Answer All the following Questions Time.   15 X 1=15

1. Which of the following is a vector image file format?
   a) PSD   b) JPEG   c) EPS   d) BMP

2. _____ tool is used for drawing boxes.
   (a) Line   b) Ellipse   c) Rectangle   d) Text

3. Rows in RDBMS are called _____.
   a) field   b) Relation   c) records   d) Attributes

4. Which operator is called "identical"?
   a) =   b) ==   c) ===   d) <>

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. What form control allows the user to select multiple values?
   a) text inputs   b) buttons   c) checkboxes   d) radio buttons

7. How many parameter are required for MYSQLi connect function in PHP ?
   a) 2   b) 3   c) 4   d) 5

8. Many discussions in an online forum leads to personal attacks and is called
   a) Hackers   b) Virus   c) Online war   d) Flame war

9. RFID stands for ————
   a) Radio Free identification   b) real Frequency identity
   c) Radio Frequency indicators   d) Radio Frequency Identification.

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

11. Which medium is used in the optical fibre cables to transmit data?
    a) Microwave   b) infra red   c) light   d) sound

12. Which is an example of network simulator?
    a) simulator   b) TCL   c) Ns2   d) C++

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. Pick the odd one in the credit card transaction
    a) card holder   b) merchant   c) marketing manager   d) acquirer

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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 four of the following questions. Question No.24 is Compulsory.

16. How do you insert a page in PageMaker?   6 X 2=12
17. List any two DDL and DML commands with its Syntax.
18. What is a dynamic web page?.
19. What is the role of the break statement in a switch statement?
20. Give few examples of MySQLi Queries.
21. What is an URL?
22. What are the uses of USB cables?
23. What is dotcom bubble and dotcom burst?.
24. What is the output of the following code?

```php
<?php
$a = 5; $b=10;
$c=($a +$b)*$a;
 echo $c;
?>
```

PART - III

Answer any four of the following questions. Question No.33 is Compulsory.

25. List out audio file formats.   6 X 3=18
26. Write is the purpose of MySQLi function available.
27. What are the advantages of using functions in PHP?
28. What are the different file handling tasks that can be performed using PHP?
29. Write a note on Resource sharing.
30. What are the layers available in TCP/IP Reference Model?
31. What are the uses of Open source Network Software?
32. Write a note on UN/EDIFACT.
33. Write a PHP code to print 1 to 10 numbers in ascending order using while 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) Discuss in detail about HTML form controls.
35 a) Write the steps to place the text in a frame   (OR)
    b) Explain 'foreach' loop with examples.
36 a) Explain if ... elseif ... else statement with an example.   (OR)
    b) Explain uses of Computer network.
37 a) List all the E-Commerce business models and explain any four briefly.   (OR)
    b) Explain the types of network cables.
38 a) Explain in detail : Unified payments interface   (OR)
    b) Briefly explain types of EDI.

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