COMMON HALF YEARLY EXAMINATION - 2024 - 25

COMPUTER APPLICATION

Time Allowed : 3.00 Hours]
[Max. Marks : 70

PART - I

I. Choose the best answer.   15X1=15

1. What is a raster image?
   a) a type of image made up of pixels   b) a type of image made up of geometric shapes
   c) a type of image made up of text   d) a type of image made up of sound waves

2. Which is the first industry-specific EDI standard?
   a) TDCC   b) VISA   c) Master   d) ANSI

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

4. Which of the following business model is known as reverse auction model?
   a) B2C e-commerce   b) B2B e-commerce   c) B2C e-commerce   d) C2B e-commerce

5. **Which of the following is correctly matched?**
   a) Credit Cards - pay before   b) Debit Cards - pay now
   c) Stored Value Card - pay later   d) Smart card – pay anytime

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

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

8. Secure Electronic Transaction (SET) was developed in
   a) 1999   b) 1996   c) 1969   d) 1997

9. **Assertion (A)**   : The websites of first wave dotcom companies were only in English
   Reason (R)   : The dotcom companies of first wave are mostly American companies.
   a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
   b) Both (A) and (R) are correct, but (R) is not the correct explanation of (A)
   c) (A) is true and (R) is false   d) (A) is false and (R) is true

10. WWW was invented by
    a) Tim Berners Lee   b) Charles Babbage   c) Blaise Pascal   d) John Napier

11. Which of the following notation is used to denote IPv4 addresses?
    a) Binary   b) Dotted-decimal   c) Hexadecimal   d) a and b

12. A ----------- is a block of code that performs a specific task.
    a) parameter   b) function   c) class   d) label

13. What is the shortcut key to get pointer tool in Adobe PageMaker?
    a) F2   b) F5   c) F7   d) F9

14. How many types of validation are there in PHP?
    a) One   b) Two   c) Three   d) Four

15. ----------------- is used to connect keyboard, mouse and other peripherals with the computer.
    a) UTP cable   b) Fiber optic cable   c) Internet cable   d) USB cable

PART – II

II. Answer any six questions. Question No. 24 is compulsory.   6x2=12

16. Give some examples of DTP software.

17. List logical operators with an example.

TPR/12/C.A/1

18. What is 'Echo' statement used for? Give an example.
19. List few disadvantages of file processing system.
20. Write the syntax for a 'for' loop in PHP.
21. Distinguish micro electronic payment and macro electronic payment
22. List the various layers of EDI.
23. What is Champ connector?
24. **Expand** - BOSS, API

PART – III

III. Answer any six questions. Question No. 33 is compulsory. 6x3=18

25. What is PageMaker? Explain its uses.
26. List out the Popular Open Source Software.
27. Write short notes on HTTP, HTTPS, and FTP.
28. What are the differences between Absolute URL and Relative URL?
29. Briefly explain the Stored value card and its types.
30. Define - Dotcom bubble and Dotcom bust?
31. Explain any three E-Commerce revenue models.
32. Define Multimedia. List out Multimedia Components.
33. Give the output for the following PHP code.

```php
<?php
   function welcome()
   {
     echo "Welcome to PHP programming!"."<br>";
     echo "Dear"." students". "<br>";
     echo "Give your best in your exams". "<br>";
   }
        welcome();
   ?>
```

PART – IV

IV. Answer all the questions. 5x5=25

34. a) Explain the tools in PageMaker toolbox.

(OR)

b) Differentiate symmetric key and asymmetric key encryption.

35. a) Write a note on   i) Internet banking   ii) Mobile banking

(OR)

b) Difference between TCP/IP and OSI Reference Model.

36. a) What are the data types in PHP? Explain

(OR)

b) Explain in details types of MySQL connection method in PHP.

37. a) Explain the types of network cables

(OR)

b) Write a PHP code to print 101 to 199 numbers in ascending order using while loop and do... while loop.

38. a) Explain in detail about different file formats in multimedia files

(OR)

b) Explain indexed array and associative array in PHP.