COMMON HALF YEARLY EXAMINATION - 2024
* Standard - XII

Time : 3.00 hrs   COMPUTER APPLICATIONS   Marks: 70

Part - A

I. Answer all the queestions:-   15×1=15

1) RTF (Rich Text Format) file format was introduced. by _____
   - a) IBM
   - b) TCS
   - c) Apple Inc
   - d) Microsoft

2) Place option is present in _____ menu
   - a) File
   - b) Edit
   - c) Layout
   - d) window

3) _____ represent a "tuple" in a relational database?
   - a) Row
   - b) column
   - c) Object
   - d) Table

4) The loop exclusively used for arrays is _____
   - a) while
   - b) Do-while
   - c) For
   - d) foreach

5) for ($x=0; $x<5; $x++) =
   {
   echo "Hai";
   }
   The above loop executes how many number of times?
   - a) 2
   - b) 3
   - c) 4
   - d) 5

6) Facebook was created in _____ year
   - a) 2002
   - b) 2004
   - c) 2013
   - d) 2010

7) _____ refer to other host computers by using names rather than numbers
   - a) DNS
   - b) TCP
   - c) FTP
   - d) SMTP

8) _____ provides email service
   - a) DNS
   - b) TCP
   - c) FTP
   - d) SMTP

9) Expansion of URL is
   - a) Uniform Resource Location
   - b) Universal Resource Locator
   - c) Universal Resource Location
   - d) Uniform Resource Locator

10) How many pins are used in RJ45 cables?
    - a) 8
    - b) 6
    - c) 50
    - d) 25

11) Open NMS was released in
    - a) 1999
    - b) 2000
    - c) 2003
    - d) 2004

12) RTGS stands for
    - a) Rare Time Gross Settlement
    - b) Real Term Gross Settlement
    - c) Real Time Gross Settlement
    - d) Random Time Gross Settlement

13) Which of the following is not a tangible good?
    - a) Mobile
    - b) Mobile apps
    - c) Medicine
    - d) Flower bouquet

14) The websites secured by secure socket layer protocols can be identified using _____
    - a html://
    - b) http://
    - c) htmls://
    - d) https://

15) Who is called as the father of EDI?
    - a) Charles Babbage
    - b) Ed Guilbert
    - c) Pascal
    - d) none of the above

(2)   XII COMPUTER APPLICATIONS

Part - B

II. Answer any six questions:-   6×2=12

16) Define Multimedia?

17) What is relationship? List its type?

18) What is validation in PHP?

19) What are the types of MySQL function available in PHP?

20) Expand HTTP, DNS, FTP?

21) Write a short notes on NS2?

22) What are the types of Fiber optic cables?

23) What is Digital signature?

24) What is the output of the following?

```
$i=1;
While ($i<=5)
{
    echo $i."<br>";
    $i++;
}
```

Part - C

III. Answer any six questions.   6×3=18

25) What is the use of Master Page?

26) Write about the notes for naming a variable in PHP?

27) What is the syntax for defining a function in PHP?

28) Compare Internet, Intranet and Extranet?

29) Write a note on Mobile Network?

30) Write any three differences between Traditional vs E-Commerce?

31) List out the popular open source hardware?

32) What is electronic fund transfer?

33) List the various layers of EDI?

Part - D

IV. Answer all the questions.   5×5=25

34) a) Explain in details about different files formats in multimedia files. **[or]**

     b) Write the steps to draw a star using polygon tool

35) a) Explain the user defined function with suitable example.   **[or]**

     b) Discuss in detail about switch statement with an example.

36) a) Explain 'for' loop with example.   **[or]**

     b) Discuss about OSI model with its layers.

37) a) Explain the components in DNS?   **[or]**

     b) Explain the types of network cables.

38) a) Explain any five E-Commerce revenue model.   **[or]**

     b) Differentiate symmetric key and asymmetric key encryption.

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