

# COMMON HALF YEARLY EXAMINATION - 2024

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## Standard - XII

Time : 3.00 hrs COMPUTER APPLICATIONS

Marks: 70

### Part - A

I. Answer all the questions:-

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) http://                      b) http://                      c) https://                      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

6×2=12

#### II. Answer any six questions:-

- 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

6×3=18

#### III. Answer any six questions.

- 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.