

**K.G.S. MATRIC. HR. SEC. SCHOOL**  
**PRE- HALFYEARLY EXAMINATION**  
 12th Standard

Computer Applications

Reg.No. :

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Exam Time : 03:00:00 Hrs

Total Marks : 70

**I CHOOSE THE CORRECT ANSWER:**

15 x 1 = 15

- 1) you need hardware, software and \_\_\_\_\_ to make multimedia  
 (a) network      (b) compact disk drive      (c) good idea      (d) programming knowledge
- 2) \_\_\_\_\_ is a free-standing furnished equipped multimedia computer that allow users to retrieve information via a touch screen.  
 (a) Kiosk      (b) Maya      (c) PHP      (d) Python
- 3) Text can be contained \_\_\_\_\_  
 (a) text blocks      (b) text frame      (c) either a (or) b      (d) both a and b
- 4) Which type of below DBMS is MySQL?  
 (a) Object Oriented      (b) Hierarchical      (c) Relational      (d) Network
- 5) What will be displayed in a browser when the following PHP code is executed  

```
< ?php
for ($counter = 10; $counter < 10;
$counter = $counter + 5){
echo "Hello";
}
? >
```

 (a) Hello Hello Hello Hello Hello      (b) Hello Hello Hello      (c) Hello      (d) None of the above
- 6) The \_\_\_\_\_ construct provides an easy way to iterate over arrays  
 (a) foreach      (b) for      (c) while      (d) do..while
- 7) If you would like to read a file character by character which function do you use?  
 (a) fopen ( )      (b) fread ( )      (c) fgetc ( )      (d) file ( )
- 8) \_\_\_\_\_ IS a function, helps to execute the SQL query statements in PHP scripting language  
 (a) mysqli\_close( )      (b) mysqlLconnect\_error( )      (c) mysqli\_query( )      (d) mysqli\_connect( )
- 9) A TCP/IP network with access restricted to members of an organization  
 (a) LAN      (b) MAN      (c) WAN      (d) Intranet
- 10) Which connector is used in the Ethernet cables?  
 (a) RJ11      (b) RJ21      (c) RJ61      (d) RJ45
- 11) \_\_\_\_\_ are used for connecting the television on with setup box.  
 (a) UTP      (b) STP      (c) Twisted cable      (d) Coaxial cable
- 12) NS2 link together for C++ and the OTcI using \_\_\_\_\_  
 (a) TCLCL      (b) HTTP      (c) DNS      (d) All of the above
- 13) Which of the following is true about debit card  
 i. debit cards cannot be used in ATMs  
 ii. debit cards cannot be used in online transactions  
 iii. debit cards do not need bank accounts  
 iv. debit cards and credit cards are identical in physical properties  
 (a) i, ii, iii      (b) ii, iii, iv      (c) iii alone      (d) iv alone
- 14) The term credit card was coined by\_\_\_\_\_.

- (a) Edward Bellamy (b) Netin (c) Flemmin (d) Robert Lake

15) In \_\_\_\_\_ ANSI ASC - develop d a wider range of EDI standard called ANSI X12.

- (a) 1978 (b) 1979 (c) 1974 (d) 1975

**II ANSWER ANY SIX OF THE FOLLOWING:(Q.NO: 24  
COMPULSORY)**

6 x 2 = 12

- 16) Define Multimedia Production  
 17) What is threading text blocks?  
 18) Define associative array.  
 19) Define mysqli\_affected\_rows() Function.  
 20) What is Virus?  
 21) What is Name Server?  
 22) What IS mean by FinTech Financial technology  
 23) What is Brute-force attacks?  
 24) What is EDIFACT Segment

**III ANSWER ANY SIX OF THE FOLLOWING:(Q.NO:33  
COMPULSORY)**

6 x 3 = 18

- 25) Write Short note on Master Page  
 26) Write is the purpose of Web servers?  
 27) Differentiate Associate array and Multidimensional array.  
 28) Write the rules for parameters.  
 29) Explain briefly about fwrite( ) function.  
 30) Write short notes on HTTP, HTTPS, FTP.  
 31) Write a short notes on Wi-Fi  
 32) Write a note on mining in crypto currency  
 33) List the various layers of EDI.

**IV EXPLAIN IN DETAIL:**

5 x 5 = 25

34) a) Explain in detail about production team Roles and Responsibilities

(OR)

b) List the basic concepts of ER Model with suitable example

35) a) Explain the tools in PageMaker toolbox.

(OR)

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

36) a) Discuss in detail about PHP data types.

(OR)

b) Discuss about OSI model with its layers

37) a) Explain concepts of for loop with example

(OR)

b) Differentiate digital signatures and digital certificates.

38) a) Explain how the DNS is working.

(OR)

b) Briefly explain various types of EDI.

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