



23-02-2024

Standard 12COMPUTER APPLICATIONS

Time Allowed: 3.00 Hours

Maximum Marks: 70

PART - I**Choose the correct answers:****15×1=15**

- 1) Which of the following is a vector image file format?
a) PSD b) JPEG c) EPS d) BMP
- 2) Place option is present in _____ menu.
a) File b) Edit c) Layout d) Window
- 3) _____ is a field or multiple fields than can uniquely identify a record in a table.
a) Primary key b) Connection primary key
c) Foreign key d) Super key
- 4) How many data types does PHP support?
a) 18 b) 28 c) 8 d) 38
- 5) A user-defined function in PHP starts with keyword _____.
a) function b) def c) defined d) funct
- 6) What is the purpose of the 'increment' part of a for loop?
a) To initialize variables b) to update variables
c) To check the condition d) To execute the code block
- 7) Which version of PHP supports MySQLi functions?
a) Version 2.0 b) Version 3.0 c) Version 3.0 d) Version 4.0
- 8) Which one of the following is not the social media?
a) Gmail b) Facebook c) Twitter d) LinkedIn
- 9) It guarantees the sending of data is successful and which checks error on question at OSI layer is _____.
a) Application layer b) Network layer
c) Transport layer d) Physical layer
- 10) Which connector is used in the Ethernet cables?
a) RJ11 b) RJ21 c) RJ61 d) RJ45
- 11) Which of the following is a software program that replicates the function of a computer network?
a) Network software b) Network simulation
c) Network testing d) Network calculator
- 12) 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
- 13) _____ refers to a payment made from one bank account to another bank account using electronic methods.
a) Electronic payment b) Direct payment
c) Indirect payment d) None of the above
- 14) _____ protocol is used for securing credit cards transactions via the Internet.
a) Secure Electronics Transaction (SET)
b) Credit Card Verification
c) Symmetric Key Encryption
d) Public Key Encryption
- 15) Which of the following is a type of EDI?
a) Direct EDI b) Indirect EDI c) Collective EDI d) Unique EDI

PART - II**Answer any six of the following. Question number 24 is compulsory: 6×2=12**

- 16) List out Multimedia components.
- 17) What is a pasteboard in PageMaker?
- 18) What is a dynamic web page?
- 19) Write the syntax for an if....else statement in PHP.
- 20) What is the main objective of PHP and HTML from controls?
- 21) What is node in computer network?
- 22) What is a resolver?
- 23) What are the types of twisted pair cables?
- 24) List few types of business documents that are transmitted through EDI.

PART - III**Answer any six questions of the following. Question Number 33 is compulsory:****6×3=18**

- 25) List out audio file formats.
- 26) Write the use of any three tools in PageMaker along with symbols.
- 27) Write about the syntax of PHP.
- 28) Write the syntax for a switch statement in PHP.
- 29) Explain the difference between the POST method and GET method of sending data to the server in PHP.
- 30) Write a note on Resource sharing.
- 31) What are the difference between Absolute URL and Relative URL?
- 32) Write a note on UN/EDIFACT.
- 33) What will be the output for the following variable names?

\$ sum, \$ mul and \$ mod?

< ? php

\$ n1 = 10;

\$ n2 = 5;

\$ sum = \$ n1 + \$ n2;

\$ sub = \$ n1 - \$ n2;

\$ mul = \$ n1 × \$ n2;

\$ div = \$ n1 / \$ n2;

\$ mod = \$ n1 % \$ n2;

echo "\$ sum";

echo " \$ sub";

echo "\$ mul";

echo "\$ div";

echo"\$ mod";

? >

SWAKUMAR.M,
Sri Ram Matric HSS,
Vallam-622809,
Tenkasi Dist.

PART - IV**Answer all the questions:****5×5=25**

- 34) a) Discuss on various database models available in DBMS. (OR)
- b) Explain the user-defined function with suitable examples.
- 35) a) Explain 'for' loop with example. (OR)
- b) Explain in details types of MySQL connection method in PHP.
- 36) a) Difference between TCP/IP and OSI Reference model. (OR)
- b) What is meant by Registered Jack? Explain briefly the types of Jacks.
- 37) a) List out the benefits of open source software. (OR)
- b) List all the E-Commerce business models and explain any four briefly.
- 38) a) Explain the key players of a credit card payment system. (OR)
- b) Differentiate symmetric key and asymmetric key encryption.

kindly send me your key answers to our email id.- padasalai.net@gmail.com2 of 2.