

Tsi12CA
701

Tenkal District
Common Second Revision Test - 2025

Standard 12
COMPUTER APPLICATIONS

Time Allowed: 3.00 Hours

Part - I

Maximum Marks: 70

15×1=15

I. Choose the correct answers:

- 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) In PageMaker window, the area outside of the dark border is referred to as _____ .
 - a) page
 - b) paste board
 - c) black board
 - d) dash board
- 3) Character formatting consists of which of that following text properties?
 - a) Bold
 - b) Italic
 - c) Underline
 - d) All of these
- 4) The assignment operator is _____.
 - a) =
 - b) ==
 - c) ===
 - d) !=
- 5) Pre-defined functions are also called _____.
 - a) user - defined functions
 - b) recursive functions
 - c) built - in functions
 - d) lambda functions
- 6) What is the syntax for an if-else statement in PHP?
 - a) if (condition) { // True - block ; }
 - b) if (condition) { // True - block ; }
else { // False - block ; }
 - c) if - else (condition) { // True - block ; } else { // False - block ; }
 - d) if - else if (condition) { // True - block ; }
else { // False - block ; }
- 7) Which is the correct function (losing connection) in PHP?
 - a) mysqli _ close ("Connection Object")
 - b) close ("Connection Object");
 - c) mysql _ close ("Connection Object");
 - d) mysqli _ close ("Database Object");
- 8) Which among them was challenging to the business people on computer networking?
 - a) Hacking
 - b) Viruses
 - c) Both a and b
 - d) None of this above
- 9) A TCP/IP network with access restricted to members of an organization.
 - a) LAN
 - b) MAN
 - c) WAN
 - d) Intranet
- 10) Which is the contiguous area up to which the server has access?
 - a) Zone
 - b) Domain
 - c) Resolver
 - d) Name Servers
- 11) Which medium is used in the optical fibre cables to transmit data?
 - a) Microwave
 - b) Infra red
 - c) Light
 - d) Sound
- 12) Which of the following can document every incident that happened in the simulation and are used for examination?
 - a) Net exam
 - b) Network hardware
 - c) Trace file
 - d) Net document
- 13) Pick the odd one out in the credit card transaction.
 - a) card holder
 - b) merchant
 - c) marketing manager
 - d) acquirer
- 14) Which of the following is true about Ransomware?
 - a) Ransomware is not a subset of Malware
 - b) Ransomware deletes the file instantly
 - c) Typopiracy is a form of Ransomware
 - d) Hackers demand Ransom from the victim

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- 15) Which of the following is an internationally recognized standard format for EDI?
 a) TSLFACT b) SETFACT c) FTPFACT d) EDIFACT

Part - II

II. Answer any six questions. Question No. 24 is compulsory: 6×2=12

- 16) Define Animation.
 17) Define single and multi valued attributes.
 18) What is 'Echo' Statement used for? Give an example.
 19) Write short notes on built-in functions in PHP.
 20) What is the role of the break statement in a switch statement?
 21) What are the two types of validation available in PHP?
 22) What are the common uses of computer network?
 23) What is meant by champ connection?
 24) Write the output of the following program.

```

$array = array (2, 4, 6, 8, 10);
for each ($ array as $ value)
{
    echo $ value;
}
  
```

Part - III

III. Answer any six questions. Question No. 33 is compulsory: 6×3=18

- 25) List out video file formats.
 26) What is the use of Master page?
 27) Write about the syntax of PHP.
 28) Write the syntax for MySQL Queries.
 29) What are the layers available in TCP/IP Reference Model?
 30) Differentiate IPV4 and IPV6.
 31) Write a short note on the third wave of E-Commerce.
 32) Explain briefly Anatomy of a credit card.
 33) Write the output of the following program.

```

< ? php
    $ x = 10;
    switch ($x)
    {
        case 5:
            echo "x is equal to 5";
            break;
        case 10:
            echo "x is equal to 10";
            break;
        default:
            echo "x is not equal to 5 or 10";
    }
  
```

Part - IV

IV. Answer all the questions: 5×5=25

- 34) a) Write the steps to place the text in a frame. (OR)
 b) Discuss on various database modes available in DBMS.
 35) a) Explain if....else if....else statement with an example. (OR)
 b) Explain 'foreach' loop with examples.
 36) a) Discuss in detail about HTML form controls. (OR)
 b) Discuss in detail about MySQL functions with example.
 37) a) Explain about Internet, Intranet and Extranet. (OR)
 b) Explain the Name server and its types.
 38) a) Explain any five E-Commerce revenue models. (OR)
 b) What are the advantages of EDI?

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 Tenkasi District
 Common second Revision Test - 2025
 12th Computer Applications

Part - I.

I. Choose the correct answer.

Q no	option	Answer
1.	a	a type of image made up of pixels
2.	b	Paste board
3.	d	All of these
4.	a	=
5.	c	built in functions
6.	b	if (condition) { // true - block } else { // false - block } }
7.	a	mysqli_close ("connection object")
8.	c	Both a & b
9.	d	Ints and
10.	a	Zone
11.	c	Light
12.	c	Trace file
13.	c	Marketing manages
14.	d	Hackers demand Ransom from victim
15.	d	EDIFACT

II 16. Animation is the process of displaying still images so quickly so that they give the impression of continuous movement
 - 1 mark

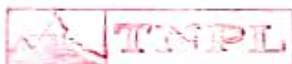
In animation the screen object is a vector image in animation
 - 1 mark

17. Single valued attributes - A single value attribute contains only one value for the attribute.

Ex: Age: 13 (OR) Any example - 1 mark

Multivalued attributes - A multivalued attribute has more than one value for particular attribute

Ex: Degree: Bsc, MSc (OR) Any Example



18. * The Echo Statement is used to output a string of text on a variable
* It is a simple & efficient way to display information for the user. - 1 mark
19. * These are functions that are predefined in the PHP language and can be used to perform a variety of tasks. - 2 marks
20. The role of the break statement in a switch statement is to terminate the case and exit the switch statement. - 2 marks

21. 1. Client side validation
2. server side validation

22. 1. Communication 2. Resource Sharing 3. Interoperability - 2 marks

23. * The RJ21 connector has 50 pins with 25 pins at one end and 25 pins at the other end. It is also called a Champ Connector. - 2 marks

24. 2 4 6 8 10 - 2 marks

Part-III

- III 25. AVI - Audio/Video Interleave 1 1/2 marks
MPEG - Moving Picture Experts Group 1 1/2 marks

26. * Any text or object that you place on master page will appear on the entire document pages. - 2 marks

* Logos, page numbers, headers and footers are used in master page. - 1 mark

27. * PHP code is enclosed in `<? php and ?>` tags. These tags are called opening & closing tags.
* It must end with a semicolon (;)

Any Example

- 3 marks

28. Syntax:
 mysql_connect ("Server Name", "User Name", "Password",
 "DBName") — 2 marks

Any suitable example — 1 mark

29. (1) Network Access Layer
 (2) Internet »
 (3) Transport »
 (4) Application »

— 3 marks

30. IPV4

- 32 bit unique address
- Numbers of address that can be formed in IPV4 is 2^{32}
- It is represented by Binary, dotted, decimal notation

IPV6

- 128 bit unique address
- Numbers of address that can be formed in IPV6 is 2^{128}
- It is represented by 4 digit Hexadecimal numbers

Separated by Colon symbols

(OR) Any difference.

— 3 marks

31. * It is brought on by mobile technologies
 * It connects users for real-time & demand transactions via mobile technologies
 * It includes AI, Semantic web, Generic Database.

— 3 marks

32. 1. publisher
 2. credit card number
 3. Name of Card holder
 4. EMV chip
 5. RFID symbol
 6. Expiration month
7. Card brand logo
 8. Magnetic stripe
 9. 16 to 19 gram
 10. Signature
 11. CVV C/CVV

— 3 marks

33. Error / X is equal to 10^6

— 3 marks

Part-IV

- 34) a) 1. Click on any one frame tool from the toolbar
 2. Draw a frame with one of PageMaker's frame tools
 3. Click on File > Place

4. locate the document that contains the text you want to place, select it

5. click on open

6. click the inside the frame to place the text in it.

b)

- 1. Hierarchical Database model
 - 2. Object oriented
 - 3. Relational
- with EXPLANATION

- 5 marks

35) a)

- 1. If else Definitly - 1 mark
- 2. SYNTAX - 2 marks
- 3. Example - 2 marks

b)

- Use of for each loop - 2 marks
- Syntax - 2 marks
- Example - 2 marks

36) a)

- 1. Text Inputs
- 2. Buttons
- 3. Checkbox
- 4. Radio box
- 5. File select
- 6. Form Tag

b)

- Query Definition
- Example

With Explanation - 5 marks

37) a)

- Internet } 2 marks
- Intranet } 2 marks
- Extranet } 1 mark

5 marks

b)

- 1. Root Name Server
- 2. primary Name server
- 3. Secondary " "

- 3 marks

Name server definition - 2 marks

38) a)

- 1. Affiliate website
- 2. Auction
- 3. Bulk buy
- 4. Banner advertisement website
- 5. Digital publishing
- 6. Licensing
- 7. Name - your own price

- Explain any five - 5 marks

b)

Any five advantages

By

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