

Tsl12CA

Tenkal District
Common First Revision Test - January 2025



Standard 12
COMPUTER APPLICATIONS

Time Allowed: 3.00 Hours

Maximum Marks: 70

Part - I**I. Choose the correct answer:****15×1=15**

- 1) RTF (Rich Text Format) file format was introduced by _____.
a) TCS b) Microsoft c) Apple Inc d) IBM
- 2) Which menu contains the New option?
a) File menu b) Edit menu c) Layout menu d) Type menu
- 3) _____ command is used to delete a database.
a) Delete database database_name b) Delete database_name
c) Drop database database_name d) Drop database_name
- 4) What is the extension of PHP file?
a) .html b) .xml c) .php d) .ph
- 5) Which of the following is a correct way to call a function in PHP?
a) function Name (); b) call function Name;
c) execute function Name; d) run function Name ();
- 6) What type of statement is the if-else statement?
a) Conditional statement b) Looping
c) Input statement d) Output statement
- 7) What is the output of the following code?
\$ array = array (1, 2, 3, 4, 5, 6);
for each (\$ array as \$ value)
{
 echo \$ value;
}
a) 1 2 3 4 5 b) 1 2 3 4 5 6 c) 1 1 1 1 1 d) None of the above
- 8) Which of the following is NOT a form control available in HTML forms?
a) Text inputs b) Buttons c) Check boxes d) Cropping tool
- 9) Which one of the following are harmful to computer?
a) Bloggers b) Browser c) Hackers d) Twitter
- 10) It guarantees the sending of data is successful and which checks error on operation at OSI layer is _____.
a) Application layer b) Network layer
c) Transport layer d) Physical layer
- 11) Which of the following connector is called as champ connector?
a) RJ11 b) RJ21 c) RJ61 d) RJ45
- 12) Which of the following is a open source network monitoring software?
a) C++ b) OPNET c) Open NMS d) OMNet++
- 13) The dotcom phenomenon deals with _____.
a) Textile Industries b) Mobile phone companies
c) Internet based companies d) All the above
- 14) Pick the odd one in the credit card transaction.
a) card holder b) merchant
c) marketing manager d) acquirer

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- b) Decryption
d) Digital signature

II. Answer any six questions. Question number 24 is compulsory: **6x2=12**

- ### Part - III

III. Answer any six questions. Question number 33 is compulsory: 6x3=18

- ## Part - IV

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

- (OR)**

- (OR)**

- (OR)**

- (OR)**

- (OR)**

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Tenkasi District

First Revision Test - 2025

12th Computer Science - Answer Key

Part - A.I

I.	Choose the correct answer	marks
1.	b) microsoft	1
2.	a) File menu	1
3.	c) Drop database database_name.	1
4.	c) - PHP	1
5.	a) function Name();	1
6.	a) Conditional statement	1
7.	b). 1 2 3 4 5 6	1
8.	d) C++ programming tool	1
9.	c) Hackers	1
10.	c) Trans. Port layer	1
11.	b) RJ21	1
12.	c) open NMS	1
13.	c) Internet based Companies	1
14.	c) Marketing Manager	1
15.	a) Encryption	1

Part - II

16. 1. Choose File > New in the ~~key board~~ menu bar
 (or) press Ctrl+N in the keyboard
 2. Enter the appropriate settings for your new document in the Document set up Dialog box

3. Click on OK

- 2 marks

17. * Data Duplication * High maintenance...
 * Security. (Any two)

- 2 marks

18. * We can create an indexed array in PHP

- * by enclosing a comma - separated list of values in square brackets (or)
 * by using the array() function

- 2 marks

TNPSC

17.

* mobile networking assign technology
the technology supports voice / data network connectivity using various transmission solutions.
* communication over mobile network is made up of voice, data, images and text messages - 2 marks

20.)

Com - Commercial Organization
Edu - Educational Institutions
Gov - Government (us)
mil - Military groups

(OR) any 4. domain names.

 $4 \times \frac{1}{2} = 2 \text{ marks}$

21)

* open source simply refers to making the source code of the software freely available for users or other developers to use and make changes into the original repository or fork the project into and build a new one - 2 marks

22)

E-commerce can be described as the process of buying or selling products, services or information via computer networks - 2 marks

23)

Delivery notes, Invoices, purchase orders, Advanced Ship Notice, Functional Acknowledgement (Any two) - 2 marks

24)

```
mysql_connect() function
mysql_close() ))
mysql_query() ))
```

Part - II

- 2 marks

II. 25.

It is defined as the number of items that must be included in a relationship (OR)

It is defined as the number of different values in any given table column.

The three classifications in cardinality are

1. one-to-one 2. one-to-many 3. many-to-many

- 3 marks

26. A function is called simply by using the function name along with an argument list.
Syntax (or) Example..

- 3 marks

27. Switch (expression) {
 case value1:
 // code to be executed if expression = value1;
 break;
 case value2:
 // code to be executed if expression = value2;
 break;
 ...
 default:
 // code to be executed if expression is
 not equal to any of values;
}

- 3 marks

28. **Checkbox** **Radio button**
* checkbox selects more than one value from the HTML form.
Radio button is similar to checkbox but one value can be chosen at a time.

- 3 marks

29. * It allows all kind of programs, equipments and data to be accessed by anyone via network irrespective of the physical location of the resource.

* Simply resource sharing is a sharing of devices like printers, scanners, P & A, fax machine, and modems.

- 3 marks

30) * The RJ stands for Registered Jack and the "45" simply refers to the interface standard.

* The RJ45 Connector is a small plastic cube.

* It has 8 pins

* It is connected to each end of the Ethernet cable.

* It is also known as GBC Connector
 * These plugs connector are inserted into Ethernet Port of the network card
3 marks

31) * Free s/w is a concept developed in the 1980s by an MIT Computer Science researcher Richard Stallman who defined four conditions as outlined by non profit, free s/w foundation
 * Freeware usually refers to proprietary s/w that users can download at no cost, but whose source code cannot be changed.
3 marks

32) * E-commerce security is a set of protocols that safely guide E-commerce transactions through the Internet
 * Security has become a critical factor and core issue in the emerging e-business
 * Solving the security problems in transactions is the basis for ensuring the smooth development of E-Business.
3 marks

33)

```
<?php
for($i=1;$i<=5;$i++)
{
    echo "<br>";
    $i=$i+1;
}
```

 (OR) Any suitable program
3 marks

Part-IV

34) a) 1. Production Manager 4. Text Editor
 2. Content specialist 5. Multimedia architect
 3. Script ^{Writer} Editor 6. Computer Graphic Artist
 7. Audio and Video specialist
 8. Computer programmer 9. Web master

(Explain any one of any five) 5 marks

b) * click on any one frame tool from Tool box
 * Draw a frame with one of Page maker's Frame tool
 * Click on File > Place. The place dialog box will appear
 * Locate the document that contains the text you want to place select it
 * click on open
 * click inside the frame to place the text there
5 marks

35) a)

1. Integer
2. float
3. string
4. Boolean
5. Array
6. Object

7. Resource

8. NULL

- 2 marks

- 3 marks

b)

Indexed Array

Associative »

Explanation, Syntax, Example

2 1/2 marks

2 1/2 "

36) a)

- * Text inputs
- * Checkboxes
- * File select
- * Buttons
- * Radio boxes
- * Form tags

With Explanation.

- 5 marks

b)

- * Communication
- * Resource sharing
- * Information »

1 mark

(Explanation and above) - 4 marks

37) a)

1. Patch cable (Twisted Pair)
2. RJ 45 connector
3. Ethernet ports
4. crimping tool

(Explanation)

- 5 marks

b)

Write any 5 points.

- 5 marks

38) a)

- * Bearer
- * merchant
- * Acquirer
- * Credit card network
- * Issuer

(Explanation : 5 marks)

b)

- * Authenticity
- * Availability
- * Completeness
- * Confidentiality
- * Effectiveness
- * Integrity
- * Non-repudiation
- * Privacy
- * Reliability
- * Review ability

By

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Any five with explanations
- 5 marks