

Tsi12CA

Tenkasi District  
Common Quarterly Examination - 2023



Standard 12

Time: 3.00 Hours

COMPUTER APPLICATIONS

Marks: 70

Part - I

15x1=15

## I. Choose the correct answers:

- 1) AIFF file format was developed by .....  
a) TCS                      b) Microsoft              c) Apple Inc              d) IBM
- 2) DTP stands for .....  
a) Desktop Publishing                      b) Desktop publication  
c) Doctor to patient                      d) Desktop printer
- 3) Which tool lets you edit text?  
a) Text tool              b) Type tool              c) Crop tool              d) Hand tool
- 4) Which is the MySQL instance responsible for data processing?  
a) MySQL client                      b) MySQL server  
c) SQL                      d) Server Daemon Program
- 5) In PHP single line comments begin with ..... sign.  
a) /\*. . .              b) . . \*/              c) //              d) \*\*
- 6) A ..... is a block of code that performs a specific task  
a) Parameter              b) Function              c) class              d) label
- 7) Which of the following is not a type of conditional statement in PHP?  
a) if                      b) if . . . else  
c) if . . . elseif . . . else                      d) while
- 8) What type of loop is "for loop" in PHP?  
a) Entry -check loop                      b) Exit - check loop  
c) Counter Loop                      d) Iteration Loop
- 9) Which looping structure should be used to iterate over elements of an array in PHP?  
a) for loop              b) while loop              c) do-while loop              d) foreach loop
- 10) What form control allows the user to select only one value at a time?  
a) text inputs              b) buttons              c) check boxes              d) radio buttons
- 11) How many types of validation are available in PHP?  
a) one              b) Two              c) Three              d) Four
- 12) Which is the not a correct MySQL function in PHP?  
a) Mysql \_connect () Function              b) Mysql \_close () Function  
c) mysql \_selectdata () Function              d) mysql \_affected\_rows () Function
- 13) Wi-fi is short name for  
a) Wireless fidelity                      b) wired fidelity  
c) wired fiber optic                      d) Wireless fiber optic
- 14) Which one of the following will secure data on transmissions  
a) HTTPS              b) HTTP              c) FTP              d) SMTP
- 15) ..... refer to other host computers by using names rather than numbers.  
a) DNS              b) TCP              c) FTP              d) SMTP

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2  
Part - II

6x2=12

**II. Answer any six questions. Question number 24 is compulsory:**

- 16) Define Multimedia
- 17) Write the steps to open Page Maker.
- 18) What is view in SQL?
- 19) What is 'Echo' statement used for? Give an example.
- 20) What are the different types of conditional statements in PHP?
- 21) How is the 'condition' in a while loop evaluated?
- 22) What are the two types of validation available in PHP?
- 23) What is connection string?
- 24) Write the syntax for an if . . . else statement in PHP?

Part - III

6x3=18

**III. Answer any six questions. Question number 33 is compulsory:**

- 25) How do you insert page numbers in Master pages?
- 26) What are the advantages of using function in PHP?
- 27) Write the syntax for an if . . . elseif. . . else statement in PHP.
- 28) Explain the difference between check box and radio button in HTML forms.
- 29) Write the purpose of MySQL function available.
- 30) Write a note on Mobile networks.
- 31) Write short notes on HTTP, HTTPS, FTP.
- 32) List out the benefits of Wi-fi.
- 33) Write a PHP code to print 1 to 10 numbers in ascending order using for loop.

Part - IV

5x5=25

**IV. Answer all the questions:**

- 34) a) Detail about Audio File Format.  
(OR)  
b) Explain the tools in Page Maker tool box.
- 35) a) Discuss in detail on various types of attributes in DBMS.  
(OR)  
b) What are the data types in PHP? Explain
- 36) a) Explain indexed array and associative array in PHP.  
(OR)  
b) Explain if-elseif-else statement with an example.
- 37) a) Explain 'foreach' loop with examples.  
(OR)  
b) Explain in detail of file handling functions in PHP.
- 38) a) Explain uses of computer network.  
(OR)  
b) Explain about Internet, Intranet and Extranet.

## Tenkasi District

Common Quarterly Examination - 2023

12<sup>th</sup> Computer Applications - Answer key.

- I
1. c) APPLE INC
  2. a) Book top publishing
  3. a) Text tool
  4. b) MySQL server
  5. c) //
  6. b) function
  7. d) while
  8. a) Entry - check box
  9. d) for each loop
  10. d) radio buttons
  11. b) two
  12. c) MySQL - select data() function
  13. a) wireless fidelity
  14. a) HTTPS
  15. a) DNS

16) The word multimedia consists of two words "multi" and "media" - 1 mark

Multimedia is a computer based presentation techniques that incorporates text, images, sound, video and animation. - 1 mark

17) Start → All programs → Adobe → PageMaker 7.0 → Adobe PageMaker 7.0 - 2 marks

18) Views - a set of stored queries.

A view is SQL is a logical subset of data from one or more tables.

View is used to restrict data access. - 2 marks

19) The echo statement is used to output a string of text or a variable. - 1 mark



(OR)

The echo statement is used to ~~output~~ <sup>output a string or</sup> other data to the screen.

\* It is used ~~to~~ a simple and ~~easy~~ <sup>easy</sup> way to display information to the user.

Example: echo "Hello world!";

(OR) Any suitable example -

- 1 marks

20.

1. If Statement

If... else if... else statement

2. If else Statement

4. Switch Statement

- 2 marks

21.

\* While loop is called as the entry-check loop

\* So the condition is evaluated at the beginning of each iteration of the loop.

\* If it is true, the code block is executed.

\* If it is false, the loop is terminated.

- 1 marks

- 1 marks

22)

1. Client side Validation

2. Server side

- 2 marks

23)

\* The mysql\_connect function uses the variables connect to database server

\* If connection get fail, output will be printed with mysql error code. otherwise success

Then

- 2 marks

24)

if (Condition) {

// true block; }

else { // false-block; }

- 1 marks

Next - In

25)

1. click on Master Pages icon.

2. Then click on ~~the left~~ ~~Master Text~~ tool. Now cursor changes to I beam.

3. Then click on the left master page. Or right

master page where you want to put the page number

4. Press Ctrl+Alt+F

5. The page number displays as Lm on the left master page or Rm on the right master page but will appear correctly on the actual page. — 3 marks

26) 1. Code reuse - It <sup>can</sup> save us time and effort when writing & maintaining code.  
 2. Test & debugging  
 3. modularity. With Explanation — 3 marks

27)

if (condition 1)

{

//code to be executed if condition 1 is true

}

else if (condition 2)

{

//code to be executed if condition 1 is false and condition 2 is true

}

else

{

//code to be executed if all conditions are false

}

— 3 marks

28)

Checkbox

1. Check box is a important feature which selects more than one value from the HTML form.

2. It must be checkable minimum one value

Radio button

Radio button is similar to check box but one value can be chosen at a time.

It must be selectable minimum one value.

— 3 marks

29.

In PHP scripting language many functions are available for MySQL Database connectivity and executing SQL queries and management.

mysql\_connect() function - connect to database server

MySQL - close () function - close an existing opened database connection.

MySQL - query () function - execute the SQL query. - 3 marks

\* Mobile networking assign to the technology supports voice/data network connectivity using UPL radio transmission solution.

\* wireless communication largely used circuit switching to carry only voice over a network. - 3 marks

31) HTTPS - Hyper Text Transfer Protocol secure. It used between a web client and a web server. Permits secure data transmission. - 1 marks

HTTP: Hyper Text Transfer protocol used between a web client & web server. - 1 mark

FTP: File Transfer Protocol. It used between computers for sending and receiving data, enables a client to send & receive complete files from a server. - 1 marks

32)

- \* It provides mobility
- \* It provides connection to Internet
- \* Flexibility of LAN
- \* Ensure connectivity
- \* Low cost, high benefits. - Any 3 Points

33)

```

<?php
for ($i=1; $i<=10; $i++)
{
    echo $i "<br>";
}
?>

```

- 3 marks

(OR) Any suitable program



24) a)

Part - IV

Explain Any 5 headings

WAV - Wave form Audio File format

MP3 - (MPEG Layer - 3 format)

OGG

AIFF - Audio Interchange File format

WMA - Windows media Audio

RA - Real Audio format

- 5 marks

b)

Explain Any 10 tools

Pointer tool      Rectangle frame tool

Text      Ellipse tool

Rotating      Ellipse frame tool

Cropping      Polygon tool

Line      Polygon frame tool

Constrained line      Hand tool

Rectangle      Zoom      - 5 marks

35) a)

Attribute is the information about that entity and it will describe quantity, quality, classify and specify

an entity

- 1 mark

Types of attributes: 1. Simple Attribute      4. Single valued  
2. Key      5. Multivalued

3. Composite

With Explanation

- 4 marks

b) 1. Integer

5. Array

2. Float

6. Object

3. String

7. Resource

4. Boolean

8. Null

- 2 marks

- With Explanation - 3 marks

36) a) Indexed array - Definition

Syntax:

Example

2 1/2 marks

associative array Definition:

Syntax:

Example

2 1/2 marks

b) if... else is... else statement

- Definition - 1 marks
- Syntax - 2 marks
- Example - 2 marks

37) a) for each loop:

- Def - 1 marks
- Syntax - 2 marks
- Example - 2 marks

b) Files Definition

- PHP open a file
- >> Read >>
- >> close >>
- >> write >>
- >> Appending >>
- >> updating >>
- Syntax + definition

- 1 marks
- 4 marks

38) a) Communication Resource sharing Information & Explanation

- 1 1/2 marks
- 3 1/2 marks

b) Internet, Intranet, Extranet Definition with example

5 marks

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b) `if... else if... else` statement  
 Definition - 1 marks  
 Syntax - 2 marks  
 Example - 2 marks

37) a) for each loop:  
 Def - 1 marks  
 Syntax - 2 marks  
 Example - 2 marks

b) Files Definition - 1 marks  
 PHP open a file  
 >> Read >>  
 >> close >>  
 >> write >>  
 >> Appending >>  
 >> updating >>  
 Syntax + Definition - 4 marks

38) a) Communication Resource sharing Information - 1 1/2 marks  
 Explanation - 3 1/2 marks

b) Internet, Intranet, Extranet  
 Definition - with an example - 5 marks

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