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12

COMPUTER APPLICATIONS

1+10
11

**Model Question Papers
(with answers)**

- Govt. Model Question Paper 2019
- GANGA's Model Question Papers
- Key answers for all Objective Questions



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HIGHER SECONDARY SECOND YEAR

GOVT. MODEL QUESTION PAPER

XII - STANDARD

Computer Applications

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART - I

Note: (i) All questions are compulsory. 15×1=15

(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.

- 1. The type of application that involves more than one type of media such as text, graphics video animation and sound refers to**

- | | |
|-----------------------|-----------------------|
| A) an executable file | B) desktop publishing |
| C) multimedia | D) hypertext |

- 2. In PageMaker Window, the area outside of the dark border is referred to as**

- | | |
|---------------|---------------|
| A) page | B) pasteboard |
| C) blackboard | D) dashboard |

2

❖ IDEAL ❖ XII ❖ Computer Applications

3. Which diagram gives a logical structure of the database graphically?

- A) Entity-Relationship B) Entity
C) Architectural Representation D) Database

4. Choose the incorrect statement.

- A) PHP is case sensitive.
B) PHP is open source.
C) PHP is a simple programming language.
D) PHP is platform dependent.

5. Which of the following PHP statements will output Hello World on the screen?

- A) echo ("Hello World"); B) print ("Hello World");
C) printf ("Hello World"); D) sprint ("Hello World");

6. Which function is used to determine whether a file was uploaded?

- A) is_file_uploaded() B) is_uploaded_file()
C) file_uploaded("filename") D) uploaded_file("filename")

7. What will be the output of the following PHP code?

```
<?php  
do  
{  
    print "hi";  
}  
while(0);  
print "hello";  
?>
```

- A) infinite loop B) hihello
C) no output D) error

8. Western Electric introduced the first widely used that implemented true computer control is

- | | |
|------------------|---------------------|
| A) Packet switch | B) Arpanet |
| C) Host | D) Telephone switch |

9. Match the following.

- | | |
|-------------------|---------------|
| 1. Ethernet | - Port |
| 2. RJ45 connector | - Ethernet |
| 3. RJ45 jack | - Plug |
| 4. RJ45 cable | - 802.3 |
| A) 1, 2, 4, 3 | B) 4, 1, 3, 2 |
| C) 4, 3, 1, 2 | D) 4, 2, 1, 3 |

10. If the source code of a software is freely accessible by the public, then it is known as

- | | |
|----------------|------------------|
| A) freeware | B) Firmware |
| C) Open source | D) Public source |

11. Which of the following is not a network simulation software?

- | | |
|-----------|----------|
| A) Ns2 | B) OPNET |
| C) SSFNet | D) C++ |

12. For the given assertion and reason, choose the suitable answer.

Assertion (A) : The websites of first wave dotcom companies were only in English

Reason (R) : The dotcom companies of first wave are mostly American companies.

- A) Both (A) and (R) are correct and (R) is the correct explanation of (A).
B) Both (A) and (R) are correct, but (R) is not the correct explanation of (A).
C) (A) is true and (R) is false.
D) (A) is false and (R) is true.

4**❖ IDEAL ❖ XII ❖ Computer Applications****13. Pick the odd one in the credit card transaction.**

- A) Card holder B) merchant
C) marketing manager D) acquirer

14. The websites secured by Secure Socket Layer protocols can be identified using

- A) html:// B) http://
C) https:// D) https://

15. In EDIFACT messages begins and ends with

- A) UNA, UNZ B) UNB, UNZ
C) UNH, UNT D) UNB, UNT

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

16. List out any 4 audio file formats.
17. What is threading text in PageMaker?
18. What are the ACID properties?
19. Write the syntax of function in PHP.
20. Write the uses of fopen() function in PHP.
21. Differentiate wired and wireless networks.
22. Write a short note on name space.
23. Write a short note on off-sourcing.
24. What is a fork in crypto currency?

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

25. Explain how will you magnify a Page in PageMaker.
26. Explain Hierarchical Database Model.
27. Differentiate Server side and Client Side Scripting language.

Model Question Papers**5**

28. Write a note on
a) associative array b) multi-dimensional array
29. Write a note on asymmetric encryption.
30. What is meant by null modem cable?
31. Explain C2C module in E-Commerce.
32. Briefly explain the stored value card and its types.
33. Expand: ICMP, SMTP, DNS.

PART – IV**Answer all the questions.****5×5=25**

34. Explain any 5 tools in PageMaker toolbox.

(OR)

Discuss various database models available in DBMS.

35. Explain in detail File handling functions in PHP.

(OR)

Explain for loop in PHP with an example.

36. Explain in detail about OSI model with its layers.

(OR)

Explain briefly the components of DNS.

37. Explain the types of network cables.

(OR)

What are the advantages and disadvantages of E-Commerce to a business organisation?

38. Write a note on a. Internet banking b. Mobile banking

(OR)

Differentiate digital signatures and digital certificates.

+++

5. Most complicated looping structure is

- A) While
- B) Do While
- C) For
- D) None of them

6. What will be displayed in a browser when the following PHP code is executed:

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

- A) 12345
- B) 1234
- C) 123
- D) None of the above

7. Which one of the following should not be used while sending passwords or other sensitive information?

- A) GET
- B) POST
- C) REQUEST
- D) NEXT

8. Which one of the following statements instantiates the mysqli class?

- A) `mysqli = new mysqli()`
- B) `$mysqli = new mysqli()`
- C) `$mysqli->new(mysqli)`
- D) `mysqli->new(mysqli)`

9. Which one of the following periods, the speed capacity supported towards gigabit on computer network?

- A) SABRE
- B) SAGE
- C) NEW FIBRE OPTICS
- D) ARCNET

10. RFID stands for

- A) Radio Free Identification
- B) Real Frequency Identity
- C) Radio Frequency Indicators
- D) Radio Frequency Identification

8**❖ IDEAL ❖ XII ❖ Computer Applications****11. How many bits are used in the IPv addresses?**

- A) 32 B) 64 C) 128 D) 16

12. Which medium is used in the optical fibre cables to transmit data?

- A) microwave B) infra red
C) light D) sound

13. Which is an example of network simulator?

- A) simulator B) TCL C) Ns2 D) C++

14. Which of the following is not a characteristics of E-Commerce?

- A) Products cannot be inspected physically before purchase.
B) Goods are delivered instantly.
C) Resource focus supply side.
D) Scope of business is global.

15. Which of the following is correctly matched?

- A) Credit Cards - pay before
B) Debit Cards - pay now
C) Stored Value Card - pay later
D) Smart card – pay anytime

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

16. Define Multimedia and their features.
17. Define Data Model and list the types of data model used.
18. Define Function in PHP.
19. Compare for loop and for each loop.
20. What is MySQLi function?
21. What are the uses of mobile networks?
22. What is the use of Crimping tool?
23. Distinguish between E-Business and E-Commerce.
24. List the different types of security technologies in E-Commerce.

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

25. How to you insert page numbers in Master pages?
26. Write short notes on PHP operator.
27. Differentiate if statement and if else if else statement.
28. Write short notes on File handling functions.
29. How Computer Networks saves the money saving?
30. Write a note on DNS.
31. Explain Free software.
32. Define micro electronic payment and its role in E-Commerce.
33. Write about EDIFACT separators.

PART – IV**Answer all the questions.****5×5=25**

34. Explore the opportunities Animation filed movie industry.

(OR)

How can you convert text in a text block to a frame?

35. Discuss in detail on various types of attributes in DBMS.

(OR)

Explain the process of Web server installation.

36. Explain the Multidimensional Array.

(OR)

Explain the process Conditional Statements in PHP?

37. Explain the process Do while loop.

(OR)

Explain the process File handling.

38. Explain in details types of MySQL connection method in PHP.

(OR)

Mention some uses of network at business, home, mobile, social application.

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10**❖ IDEAL ❖ XII ❖ Computer Applications****MODEL QUESTION PAPER - 2****XII - STANDARD****Computer Applications**

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART – I**Note: (i) All questions are compulsory. 15×1=15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.**

- 1. Find the odd one on the following which is not an image format**
A) TIFF
B) BMP
C) RTF
D) JPEG
- 2. Which language is used to request information from a Database?**
A) Relational
B) Structural
C) Query
D) Compiler
- 3. Which of the following must be installed on your computer so as to run PHP script?**
A) Adobe
B) windows
C) Apache
D) IIS

4. What will be the output of the following PHP code?

```
<?php
$x;
if ($x == 0)
print "hi" ;
else
print "how are u";
print "hello"
?>
```

- A) how are uhello B) hihello
C) hi D) no output

5. Which loop evaluates condition expression as Boolean, if it is true, it execute statements and when it is false it will terminate?

- A) For loop B) For each loop
C) While loop D) All of them

6. When you use the \$_GET variable to collect data, the data is visible to.

- A) none B) only you
C) everyone D) selected few

7. Which is the correct function to execute the SQL queries in PHP ?

- A) mysqli_query("Connection Object","SQL Query")
B) query("Connection Object","SQL Query")
C) mysql_query("Connection Object","SQL Query")
D) mysql_query("SQL Query")

8. Wi-Fi is short name for

- A) Wireless Fidelity B) Wired fidelity
C) Wired fiber optic D) Wireless fiber optic

12**❖ IDEAL ❖ XII ❖ Computer Applications****9. TCP/IP is a combination of two protocols:**

- i. Transmission Control Protocol (TCP)
- ii. Internet Protocol (IP)
- iii. Selection Protocol (SP)
- iv. Captial Protocol (CP)

A) i, ii

B) i, iii

C) iii, iv

D) ii, iii

10. How many types are available in Relative URL?

A) 2

B) 3

C) 4

D) 5

11. ARPANET stands for

- A) American Research Project Agency Network
- B) Advanced Research Project Area Network
- C) Advanced Research Project Agency Network
- D) American Research Programs And Network

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. Asymmetric encryption is also called as

- A) Secure Electronic Transaction
- B) Certification Authority
- C) RSA algorithm
- D) Payment Information

14. Which of the following is not a category of micropayment?

- A) Buying a movie ticket
- B) Subscription to e journals
- C) Buying a laptop
- D) Paying for smartphone app

A) TDCC
B) VISA
C) Master
D) ANSI

6×2=12

16. List out Multimedia Components.
17. Define single and multi valued attributes.
18. Define: User and Function.
19. Write Syntax of Do while loop in PHP.
20. What are the types MySQLi function available PHP?
21. Define Intranet.
22. What is an Ethernet port?
23. Differentiate tangible goods and electronic goods with example of your own.
24. Write about digital signature.

$$6 \times 3 = 18$$

25. What is the use of Master Page?
26. In how many ways you can embed PHP code in an HTML page?
27. Write Short notes on Switch statement.
28. Write short notes on File handling.
29. List out some usefulness of Social Network.
30. Differentiate IPv4 and IPv6.
31. What are the uses of Open source Network Software?
32. Compare and contrast the credit card and debit card. (3-5 points)
33. Write a note on EDIFACT message.

14 //

❖ IDEAL ❖ XII ❖ Computer Applications

PART – IV

Answer all the questions.

5×5=25

34. Explain about different file formats in multimedia files.

(OR)

What are the methods to unthread a threaded block? Explain.

35. Discuss on various database models available in DBMS.

(OR)

Explain operators in PHP with example.

36. Explain Function concepts in PHP.

(OR)

Explain if else statement in PHP.

37. Explain array concepts in Looping Structure.

(OR)

Explain in detail of File handling functions.

38. Discuss in detail about MySQL functions with example .

(OR)

Write in detail about The Internet Explosion.

+++

MODEL QUESTION PAPER - 3**XII - STANDARD****Computer Applications**

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART – I**Note: (i) All questions are compulsory. 15×1=15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.****1. To select an entire document using the keyboard, press**

- | | |
|-------------|-------------|
| A) Ctrl + A | B) Ctrl + B |
| C) Ctrl + C | D) Ctrl + D |

2. Which is the MySQL instance responsible for data processing?

- | | |
|-----------------|--------------------------|
| A) MySQL Client | B) MySQL Server |
| C) SQL | D) Server Daemon Program |

3. What will be the output of the following PHP code?

```
<?php  
$num = 1;  
$num1 = 2;  
print $num."+". $num1;  
?>
```

- | | |
|------------|----------|
| A) 3 | B) 1 + 2 |
| C) 1. + .2 | D) Error |

- A) Network B) Server
C) Hub D) Node
8. It guarantees the sending of data is successful and which checks error on operation at OSI layer is

12. Which of the following is not a tangible good?

- | | |
|-------------|-------------------|
| A) Mobile | B) Mobile Apps |
| C) Medicine | D) Flower bouquet |

13. Pick the odd one in the credit card transaction.

- | | |
|----------------------|-------------|
| A) card holder | B) merchant |
| C) marketing manager | D) acquirer |

14. 3-D Secure, a protocol was developed by

- | | |
|----------|-----------|
| A) Visa | B) Master |
| C) Rupay | D) PayTM |

15. Which of the following is an internationally recognized standard format for trade, transportation, insurance, banking and customs?

- | | |
|------------|------------|
| A) TSLFACT | B) SETFACT |
| C) FTPFACT | D) EDIFACT |

PART – II

Answer any six questions. Question No. 24 is compulsory.

6×2=12

16. Define Animation and their features.
17. List any two DDL and DML commands with its Syntax.
18. Write Syntax of the Function in PHP.
19. What is For each loop in PHP?
20. Give few examples of MySQLi Queries.
21. List out the benefits of WiFi.
22. Write a note on the types of RJ45 connector.
23. Write a short note on out-sourcing.
24. Define non-repudiation.

18**❖ IDEAL ❖ XII ❖ Computer Applications****PART – III****Answer any six questions. Question No. 33 is compulsory.****6×3=18**

25. How do you link frames containing text?
26. Differentiate Server side and Client Side Scripting language.
27. Differentiate Switch and if else statement.
28. Differentiate Get and Post Method.
29. What is mean by Artificial Intelligence?
30. Differentiate Domain name and URL.
31. List out the Popular open source software.
32. Explain briefly Anatomy of a credit card.
33. Write a note on UN/EDIFACT.

PART – IV**Answer all the questions.****5×5=25**

34. Explain in detail Process of Multimedia.

(OR)

Explain the tools in PageMaker toolbox.

35. Explain in detail on Sub Queries with suitable examples.

(OR)

Explain client side and server side scripting language.

36. Explain Indexed array and Associate array in PHP.

(OR)

Explain Functions of Conditional Statements in PHP.

37. Explain Looping Structure in PHP.

(OR)

Explain Form handling methods.

38. Define computer networking and Internet.

(OR)

Explain different developments on computer network and Internet.

+++

MODEL QUESTION PAPER - 4**XII - STANDARD****Computer Applications**

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART – I**Note: (i) All questions are compulsory. 15×1=15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.**

1. **RTF file format was introduced by**
A) TCS
B) Microsoft
C) Apple
D) IBM
2. **Shortcut to print a document in Pagemaker is**
A) Ctrl + A
B) Ctrl + P
C) Ctrl + C
D) Ctrl + V
3. **An entity set that does not have enough attributes to form primary key is known as**
A) Strong entity set
B) Weak entity set
C) Identity set
D) Owner set
4. **Which of the following PHP statement / statements will store 41 in variable num?**
(i) \$x = 41; (ii) \$x = '41'; (iii) (i) \$x = "41";
A) Both (i) and (ii)
B) All of the mentioned
C) Only (iii)
D) Only (i)

5. What functions count elements in an array?

- A) Count
- B) Sizeof
- C) Array_Count
- D) Count_array

6. What will be the output of the following PHP code?

```
<?php
$x = 10;
$y = 20;
if ($x > $y + $y != 3)
print "hi" ;
else
print "how are u";
?>
```

- A) how are u
- B) hi
- C) error
- D) no output

7. Loops that iterate for fixed number of times is called

- A) Unbounded loops
- B) Bounded loops
- C) While loops
- D) For loops

8. How PHP files can be accessed?

- A) Through Web Browser
- B) Through HTML files
- C) Through Web Server
- D) All of Above

9. How can we Create a Database Using PHP and MySQL?

- A) mysqli_create_db("Database Name")
- B) mysqli_create_db("Data")
- C) create_db("Database Name")
- D) create_db("Data")

10. People everywhere can express and publish their ideas and opinions via

- A) Tele-medicine
- B) blogging
- C) Server
- D) Node

11. Wi-Fi stands for

- A) wireless fidelity
- B) wired fidelity
- C) wired optic fibre
- D) wireless optic fibre

- 12. Maximum characters are used in the label of a node?**
A) 255
B) 128
C) 63
D) 32
- 13. Which of the following is a small peripheral device with a sim slot to connect the computers to Internet?**
A) USB
B) Dongles
C) Memory card
D) Mobiles
- 14. Which of the following is a software program that replicates the functioning of a computer network?**
A) Network software
B) Network simulation
C) Network testing
D) Network calculator
- 15. G2G systems are classified into**
A) Internal facing and external facing
B) Internet facing and Extranet facing
C) Internal flag and external flag
D) Internet flag and Extranet flag

PART – II

Answer any six questions. Question No. 24 is compulsory.

6×2=12

16. List out image file formats.
17. What is view in SQL?
18. Define Array in PHP.
19. Define for loop in PHP.
20. What is web Database?
21. How many types of RFID system available and what are they?
22. What are the uses of USB cables?
23. What is dotcom bubble and dotcom burst?
24. Write about information leakage in E-Commerce.

PART – III

Answer any six questions. Question No. 33 is compulsory.

6×3=18

25. Mention three tools in PageMaker and write their keyboard shortcuts.
26. Write the purpose of Web servers.
27. Write the purpose of if else if else statement.
28. Write the purpose of Get method and Post method.
29. What is the use of cloud storage and cloud computing?
30. What are the differences between Absolute URL and Relative URL?
31. Write note on open source hardware.
32. Briefly explain the stored value card and its types.
33. List the various layers of EDI.

PART – IV

Answer all the questions.

5×5=25

34. Explain in detail Techniques of Animation.

(OR)

Write the steps to place the text in a frame.

35. Write a note on open source software tools available in MySQL Administration.

(OR)

Discuss in detail about Website development activities.

36. Explain Array concepts and their types.

(OR)

Discuss in detail about Switch statement with an example.

37. Discuss in detail about For each loop.

(OR)

Discuss in detail about HTML form controls.

38. Explain MySQLi Queries with examples.

(OR)

Explain the growth of the computer networking.

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MODEL QUESTION PAPER - 5**XII - STANDARD****Computer Applications**

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART – I**Note: (i) All questions are compulsory. 15×1=15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.**

1. **One of the disadvantages of the multimedia is its**
A) cost
B) adaptability
C) usability
D) relativity
2. **Communication is established with MySQL using**
A) SQL
B) Network calls
C) Java
D) API's
3. **Which statement will output \$x on the screen?**
A) echo "\\$x";
B) echo "\$\$x";
C) echo "/\$x";
D) echo "\$x";
4. **A block of segment in a program that performs a specific operation tasks is known as**
A) Arrays
B) Segments
C) Functions
D) All of these

24**❖ IDEAL ❖ XII ❖ Computer Applications****5. Which of the following is an exit check loop?**

- A) foreach
- B) for
- C) while
- D) do..while

6. Which of the following functions reads the entire contents of a file?

- A) fgets()
- B) file_get_contents()
- C) fread()
- D) readfile()

7. How many parameters are required for MYSQLi connect function in PHP ?

- A) 2
- B) 3
- C) 4
- D) 5

8. Computer network devices that originates route and terminate the data were called as

- A) Hub
- B) Resource
- C) Node
- D) Cable

9. Which one of the following will secure data on transmissions?

- A) HTTPS
- B) HTTP
- C) FTP
- D) SMTP

10. Expansion of URL is

- A) Uniform Resource Location
- B) Universal Resource Location
- C) Uniform Resource Locator
- D) Universal Resource Locator

11. Which cable is used in cable TV to connect with setup box?

- A) UTP cable
- B) Fibre optics
- C) Coaxial cable
- D) USB cable

12. Which of the following is not a network simulation software?

- A) Ns2
- B) OPNET
- C) SSFNet
- D) C++

13. The dotcom phenomenon deals with

- A) Textile industries B) Mobile phone companies
C) Internet based companies D) All the above

14. Which of the following is not a security element involved in E-Commerce?

- A) Authenticity B) Confidentiality
C) Fishing D) Privacy

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 questions. Question No. 24 is compulsory.

6×2=12

16. Define Multimedia Production.
17. Write the difference between SQL and MySQL.
18. Define associative array.
19. Define Looping Structure in PHP.
20. Define mysqli affected rows() Function.
21. Expand HTTP, HTTPS, FTP.
22. Write a note on twisted pair cable.
23. Define E-Commerce.
24. Write a short note on typopiracy.

PART – III

Answer any six questions. Question No. 33 is compulsory.

6×3=18

25. What is PageMaker? Explain its uses.
26. Write the features of server side scripting language.

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27. Write the features Conditional Statements in PHP.
28. Write the features Form Handling.
29. Define ARPANET.
30. Write a note on domain name.
31. What are the main functional areas of Open NMS?
32. Write a note on mining in cryptocurrency.
33. Write a short note on EDI.

PART – IV**Answer all the questions.****5×5=25**

34. Explain in detail about production team Roles and Responsibilities.

(OR)

Write the steps to draw a star using polygon tool.

35. List the basic concepts of E/R Model with suitable example.

(OR)

Discuss in detail about PHP data types.

36. Discuss in detail about User defined Functions.

(OR)

Explain concepts of if else if else statement.

37. Explain concepts of for loop with example.

(OR)

Explain concepts of HTTP Uploading process.

38. Explain the Database error handling and management process in PHP.

(OR)

What are the attributes of Social networking ?

+++

MODEL QUESTION PAPER - 6**XII - STANDARD****Computer Applications**

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART – I**Note: (i) All questions are compulsory. 15×1=15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.****1. Rich Text Format is the primary file format introduced in**

- | | |
|---------|---------|
| A) 1989 | B) 1999 |
| C) 1997 | D) 1987 |

2. Which is most popular for Web Administration?

- | | |
|---------------|---------------------|
| A) PHPMYADMIN | B) MySQL Workbench |
| C) HeidiSQL | D) All of the above |

3. Which of the following is an assignment operator?

- | | |
|----------|----------|
| A) = | B) = = |
| C) = = = | D) ! = = |

4. For finding nonempty elements in array we use

- | | |
|-----------------------------|------------------------|
| A) is_array () function | B) sizeof () function |
| C) array_count () function | D) count () function |

5. Which directive determines whether PHP scripts on the server can accept file uploads?

- A) file_uploads B) file_upload
C) file_input D) file_intake

6. Which of the following is an attribute of FORM tag

- A) Get and Post B) Action and Method
C) Both A and B D) None of these

7. Which version of PHP supports MySQLi functions?

- A) Version 2.0 B) Version 3.0
C) Version 4.0 D) Version 5.0

8. Which able to predict, manage, and protect the computer network at Internet

- A) Artificial intelligence B) Broadband provider
C) Cloud computing D) Transceivers

9. Which provides e-mail service?

- A) DNS B) TCP
C) FTP D) SMTP

10. Which of the following statements are true?

- i) Domains name is a part of URL.
ii) URL made up of four parts.
iii) The relative URL is a part of Absolute URL.
iv) URL doesn't contain any protocol.

- A) i & ii B) ii
C) i, ii & iii D) i, ii & iv

11. Match the following.

- | | |
|-----------------------|-----------------------|
| 1. Tim Berners Lee | - WAN |
| 2. Coaxial cables | - WWW |
| 3. Twisted pair | - CL2 Related coaxial |
| 4. Fiber optics cable | - STP |

A) 1, 2, 3, 4

B) 2, 3, 1, 4

C) 4, 3, 2, 1

D) 2, 3, 4, 1

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. SME stands for

A) Small and Medium Sized Enterprises

B) Simple and Medium Enterprises

C) Sound Messaging Enterprises

D) Short Messaging Enterprises

14. Based on the monetary value e payment system can be classified into

A) Micro and Macro

B) Micro and Nano

C) Maximum and Minimum

D) Maximum and Macro

15. Asymmetric encryption is also called as

A) Secure Electronic Transaction

B) Certification Authority

C) RSA algorithm

D) Payment Information

PART – II

Answer any six questions. Question No. 24 is compulsory.

6×2=12

16. How do you create a New document in PageMaker?

17. Define Web server.

18. Write Syntax of Switch statement.

19. Write Syntax of Text box in HTML.

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20. List out some feature of Mobile Network.
21. What is an IP address?
22. Explain NRCFOSS.
23. Distinguish micro electronic payment and macro electronic payment.
24. Write a note on EDIFACT subsets.

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

25. Explain animation industry and their scope.
26. Explain on Evolution of DBMS.
27. Write the features System define Functions.
28. Differentiate While and Do while loops.
29. Write a note PHP MySQL database connection.
30. Write short notes on HTTP, HTTPS, FTP.
31. Write a note on crossover cables.
32. Describe how E-Commerce is related to socio-technological changes.
33. Write a note on certification authorities.

PART – IV**Answer all the questions.****5×5=25**

34. How Multimedia is used in Business systems?

(OR)

Write the steps to draw a Dotted line.

35. Explain array concepts in Looping Structure.

(OR)

Explain in detailed about Third Generation of Mobile Networks.

36. Explain about Internet, Intranet and Extranet.

(OR)

Explain about the name server.

37. What is meant by Registered Jack? Explain briefly the types of Jacks.

(OR)

Differentiate Proprietary and open source software.

38. Compare Open-Source Software vs. Free Software, Explain.

(OR)

What is credit card? Explain the key players of a credit card payment system and bring out the merits of it.

Padasalai

MODEL QUESTION PAPER - 7**XII - STANDARD****Computer Applications**

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART – I**Note: (i) All questions are compulsory. 15×1=15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.****1. Rich Text Format introduced by**

- | | |
|--------------|------------------|
| A) Microsoft | B) Oracle |
| C) Apple | D) None of these |

2. Which of the following must be installed on your computer so as to run PHP script?

- | | |
|-----------|------------|
| A) Adobe | B) Windows |
| C) Apache | D) IIS |

3. Indices of arrays can be either strings or numbers and they are denoted as

- | | |
|-------------------|-------------------|
| A) \$my_array {4} | B) \$my_array [4] |
| C) \$my_array 4 | D) None of them |

- 4. HTML classes that are already defined and allow us to apply styles on it are called as**
- A) Pseudo classes B) Css classes
C) Javascript classes D) None
- 5. Which is the not a correct MySQL Function in PHP?**
- A) Mysqli_connect() Function
B) Mysqli_close() Function
C) mysqli_select_data() Function
D) mysqli_affected_rows() Function
- 6. Which use less power comparing with single transmitter or satellite often cell towers nearer?**
- A) Mobile devices B) Transistors
C) WIFI D) Communication
- 7. Which refer to other host computers by using names rather than numbers?**
- A) DNS B) TCP
C) FTP D) SMTP
- 8. Pick the odd one out from the following.**
- A) node B) label
C) domain D) server
- 9. Which connector is used in the Ethernet cables?**
- A) RJ11 B) RJ21
C) RJ61 D) RJ45
- 10. Fill in the blanks:**
NS2 comprises of _____ key languages?
- A) 13 B) 3
C) 2 D) 4
- 11. Off-shoring means**
- A) Work outsourced to a branch of its own company.
B) Work outsourced to new employees.

34**❖ IDEAL ❖ XII ❖ Computer Applications**

- C) Work outsourced to a third party locally.
- D) Work outsourced to a third party outside its own country.

12. 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

13. The security authentication technology does not include

- i. Digital Signatures
- ii. Digital Time Stamps
- iii. Digital Technology
- iv. Digital Certificates

- A) i, ii & iv
- B) ii & iii
- C) i, ii & iii
- D) All the above

14. EDIFACT stands for

- A) EDI for Admissible Commercial Transport
- B) EDI for Advisory Committee and Transport
- C) EDI for Administration, Commerce and Transport
- D) EDI for Admissible Commerce and Trade

15. The versions of EDIFACT are also called as

- A) Message types
- B) Subsets
- C) Directories
- D) Folders

PART – II

Answer any six questions. Question No. 24 is compulsory.

6×2=12

- 16. What is desktop publishing?
- 17. What are the types scripting language?
- 18. Define if statement in PHP.

Model Question Papers**35**

19. Define for Form Handling method in PHP.
20. Define Computer Network.
21. What are the types of URL?
22. What is trace file?
23. Explain the concept of e-wallet.
24. Define EDI.

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

25. Describe the features and techniques of animation.
26. List any 5 privileges available in MySQL for the User.
27. Differentiate user define and system define Functions.
28. Write the purpose of Looping Structure in PHP.
29. Write is the purpose of MySQLi function available.
30. What are the layers available in TCP/IP Reference Model?
31. What is meant by null modem cable?
32. Write a note on name-your-price websites.
33. Explain 3D secure payment protocols.

PART – IV**Answer all the questions.****5×5=25**

34. Explain the magnifying and reducing with zoom tool.

(OR)

What are the various methods to inset page number in PageMaker Software.

35. Write the steps to print a document.

(OR)

Write in detail about The Internet Explosion.

36



❖ IDEAL ❖ XII ❖ Computer Applications

36. Write a notes on Hierarchical name space.

(OR)

Difference between TCP/IP and OSI Reference Model.

37. What is domain name space? Explain.

(OR)

Explain the components used in Ethernet cabling. Explain the components used in Ethernet cabling.

38. Explain in detail about Network simulation tool – NS2.

(OR)

Explain any five E-Commerce revenue models.

+++

Padasalai

MODEL QUESTION PAPER - 8**XII - STANDARD****Computer Applications**

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART – I**Note: (i) All questions are compulsory. 15×1=15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.**

1. Which is the process displaying still images they give continuous movement
 - A) Text formats
 - B) Sound
 - C) MP3
 - D) Animation
2. Which represents a “tuple” in a relational database?
 - A) Table
 - B) Row
 - C) Column
 - D) Object
3. As compared to associative arrays vector arrays are much
 - A) Faster
 - B) Slower
 - C) Stable
 - D) None of them

4. What does fopen() function do in PHP?

- A) It used to open files in PHP
- B) It used to open Remote Server
- C) It used to open folders in PHP
- D) It used to open Remote Computer

5. Which one is correct way, we can retrieve the data in the result set of MySQL using PHP?

- A) mysql_fetch_row
- B) mysql_fetch_array
- C) mysql_fetch_object
- D) all the above

6. Match the period and methods available on history of computer networking in the Internet.

- | | |
|---------|-----------------|
| a) 1950 | - 1 X.25 TCP/IP |
| b) 1966 | - 2 SAGE |
| c) 1976 | - 3 WAN |
| d) 1972 | - 4 ARCNET |

- | | | |
|------------|------------|------------|
| A) 4 3 2 1 | B) 3 4 2 1 | |
| C) 1 2 3 4 | D) 2 3 4 1 | E) 4 1 2 3 |

7. Communication over _____ is be made up of voice, data, images and text messages.

- A) social media
- B) mobile network
- C) whatsapp
- D) software

8. Assertion (A) : The number of addresses used in IPv6 addressing method is 128.**Reason (R) : IPv6 address is a 128 bit unique address.**

- A) (A) is true and (R) is false.
- B) (A) is false and (R) is true.
- C) Both (A) and (R) are correct and (R) is the correct explanation of (A).
- D) Both (A) and (R) are correct and R is not the correct explanation of (A).

9. Which wiring standard is used for connecting two computers directly?

- A) Straight Through wiring
- B) Cross Over Wiring
- C) Rollover Wiring
- D) None

10. Choose the Correct Pair from the following to build NS2

- A) UNIX & TCL
- B) UNIX & C++
- C) C++ & OTCL
- D) C++ & NS2

11. Which host the e-books on their websites?

- A) Bulk-buying sites
- B) Community sites
- C) Digital publishing sites
- D) Licensing sites

12. ECS stands for

- A) Electronic Clearing Services
- B) Electronic Cloning Services
- C) Electronic Clearing Station
- D) Electronic Cloning Station

13. In E-Commerce, when a stolen credit card is used to make a purchase it is termed as

- A) Friendly fraud
- B) Clean fraud
- C) Triangulation fraud
- D) Cyber squatting

14. Which is the first industry-specific EDI standard?

- A) TDCC
- B) VISA
- C) Master
- D) ANSI

15. PGP stands for

- A) Pretty Good Privacy
- B) Pretty Good Person
- C) Private Good Privacy
- D) Private Good Person

PART – II

Answer any six questions. Question No. 24 is compulsory.

6×2=12

16. Write the steps to open PageMaker.
17. What is URL?
18. Write Syntax of the If else statement in PHP.
19. List out HTML control to support PHP language.
20. Difference between wired and wireless networks.
21. What is a domain?
22. Write short note on Open NMS.
23. Define electronic payment system.
24. What is meant by directories in EDIFACT?

PART – III

Answer any six questions. Question No. 33 is compulsory.

6×3=18

25. Describe the various file formats in multimedia.
26. What is relationship in databases? List its types.
27. Write the purpose of parameterized Function.
28. Write short notes on Do while Loop.
29. Write MySQL Connection Syntax with example.
30. Compare Internet, Intranet and Extranet.
31. Write a short note on RJ45 connector.
32. Write a short note on the third wave of E-Commerce.
33. List some E-Commerce Security Threats?

PART – IV**Answer all the questions.****5×5=25**

34. How Multimedia used in Libraries, Information centers and Archives? Explain.

(OR)

Write the steps to Drawing a Rounded Corner Rectangle.

35. Explain file uploading method in PHP.

(OR)

Explain about Fifth Generation of Mobile Networks.

36. Explain briefly the components of DNS.

(OR)

Explain wiring techniques used in Ethernet cabling.

37. List out the Benefits of Open Source Software.

(OR)

Write about the development and growth of Electronic Commerce.

38. Briefly explain Electronic Account transfer and its types.

(OR)

Explain Encryption Technology.

+++

4. What will be the output of the following PHP code?

```
<?php
$a="1";
switch($a)
{
case 1:
break;
print"hi";
case 2:
print"hello";
break;
default:
print"hi1";
}
?>
```

- A) hiellohi1
C) hihi1

- B) hi
D) hi1

5. Which of the following functions reads the entire contents of a file?

- A) fgets()
C) fread()

- B) file_get_contents()
D) readfile()

6. Which is the correct function to establish Connection in PHP ?

- A) mysqli_connect("Server Name","User Name","- Password","DB Name");
B) connect("Server Name ","User Name","Password"," DB Name");
C) mysql_connect("Server Name ","User Name","- Password","DB Name");
D) mysqli_connect ("Database Object");

A) Social web
B) Mobile technology
C) Mobile App
D) Both (A) & (B)

- i. HTTP - The core protocol of the World Wide Web.
- ii. FTP - enables a client to standard receive complete files from a server.
- iii. SMTP - Provide e-mail services.
- iv. DNS - Refer to other host computers by using names rather than numbers.

A) i, ii, iii, iv
B) ii, iii, iv, i
C) iii, iv, i, ii
D) iv, iii, ii, i

A) Uninterrupted Twisted Pair
B) Uninterrupted Twisted Protocol
C) Unshielded Twisted Pair
D) Universal Twisted Protocol

A) Ns2
B) OPNET
C) SSFNet
D) C++

- A) The First Wave of Electronic Commerce: 1985 -1990
- B) The Second Wave of Electronic Commerce: 2004 – 2009
- C) The Third Wave of Electronic Commerce: 2010 – Present
- D) Dotcom burst: 2000 – 2002

Reason (R) : Expensive cryptographic operations are included in macro payments

- A) Both (A) and (R) are correct and (R) is the correct explanation of (A).
- B) Both (A) and (R) are correct, but (R) is not the correct explanation of (A).
- C) (A) is true and (R) is false.
- D) (A) is false and (R) is true.

13. 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

14. Number of characters in a single EDIFACT message

- A) 5
- B) 6
- C) 4
- D) 3

15. Secure Electronic Transaction (SET) was developed in

- A) 1999
- B) 1996
- C) 1969
- D) 1997

PART – II

Answer any six questions. Question No. 24 is compulsory.

6×2=12

- 16. What is text editing?
- 17. What is Web server?
- 18. Define Conditional Statements in PHP.
- 19. Define HTML form controls.
- 20. Define Internet.
- 21. What is a resolver?
- 22. What is meant by network simulator?
- 23. What is a fork in crypto currency?

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24. List few types of business documents that are transmitted through EDI.

PART – III

Answer any six questions. Question No. 33 is compulsory.

6×3=18

25. Briefly explain about Multimedia Components.
26. Write few commands used by DBA to control the entire database.
27. Write short notes on Array.
28. Write the features Looping Structure.
29. Write the Syntax for MySQLi Queries.
30. Expand ARP, ICMP, SMTP and DNS.
31. What are the components involved in Ethernet cabling?
32. Write a note on physical product dispute of E-Commerce.
33. Differentiate asymmetric and symmetric algorithms.

PART -- IV

Answer all the questions.

5×5=25

34. Explain various methods of character formatting.

(OR)

Explain the following:

- i) Primary Key
 - ii) Foreign Key
 - iii) Candidate Key
 - iv) Super Key
 - v) Composite key
35. What are the three types of syntax in PHP? Explain them in detail.

(OR)

Write a PHP code to display the days of week using switch statement.

36. Write short notes on Fourth Generation of Mobile Networks.

(OR)

List the basic rules of Domain Name.

37. Discuss about OSI model with its layers.

(OR)

Explain how the DNS is working.

38. Explain the type of Network cables.

(OR)

What are the advantages and disadvantages of E-Commerce to a consumer?

+++

MODEL QUESTION PAPER - 10**XII - STANDARD****Computer Applications**

Time Allowed: 15 mins + 3 hrs

Max. Marks: 70

Instructions:

- 1) Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.
- 2) Use blue or black ink must be used to write and underline. Pencil can be used to draw the diagrams.

PART – I**Note: (i) All questions are compulsory. 15×1=15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code with the corresponding answer.****1. A new document in page maker is called**

- | | |
|-----------------|------------------|
| A) Untitled -1 | B) Document-1 |
| C) New Document | D) None of these |

2. PHP was invented by

- | | |
|----------------------|-------------------|
| A) Rasmus Lerdorf | B) Dennis Ritchie |
| C) Bjarne Stroustrup | D) James Gosling |

3. What will be the output of the following PHP code?

```
<?php  
$x=1;  
if($x==2)  
print"hi";  
elseif($x=2)  
print$x;
```

else

print"how are u";

?>

A) error

B) 2

C) hi

D) how are u

4. If you would like to read a file character by character which function do you use?

A) fopen ()

B) fread ()

C) fgetc ()

D) file ()

5. How many parameter are required for MySQLi Close function in PHP?

A) 1

B) 2

C) 3

D) 5

6. Facebook was created at _____ year

A) 2002

B) 2004

C) 2013

D) 2010

7. Which one of the following will be easy the way to uses Internet technology and the public telecommunication system to securely share business's information with suppliers, vendors, partners and customers?

A) Extranet

B) Intranet

C) arpanet

D) arcnet

8. Match the following

- | | | |
|----------------|---|--|
| a. domain | - | 1. Progress that initiates translation |
| b. zone | - | 2. contains database of domain names |
| c. name server | - | 3. single node |
| d. resolver | - | 4. contiguous nodes |

A) 1 4 3 2

B) 3 4 2 1

C) 3 2 1 4

D) 3 4 1 2

- 12. Pick the odd one in the credit card transaction.**
- A) card holder B) merchant
C) marketing manager D) acquirer

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

16. What is a Pasteboard in PageMaker?
17. Difference between Client and Server.
18. What is if else statement in PHP?
19. What is Form Validation in PHP?
20. What is a zone?
21. Write short notes on NS2.
22. List the types of micro electronic payments based on its algorithm.
23. What are the 4 major components of EDI?
24. Define Hologram.

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

25. Write roles and responsibilities of Production team members.
26. Discuss on Cardinality in DBMS.
27. Differentiate Associate array and Multidimensional array.
28. Differentiate For each and While loop.
29. Differentiate mysqli_affected_rows() Function and mysqli_fetch_assoc() Function.
30. What are the common uses of Computer Network?
31. List out the components of a RFID enabled system.
32. What are the differences between serial and parallel ports?
33. Explain B2B module in E-Commerce.

PART – IV**Answer all the questions.****5×5=25**

34. Write the steps to place text in a frame.

(OR)

Write the steps to Fill Shapes with Colors and Patterns.

35. What are the attributes of Social networking?

(OR)

Explain in detailed about Second Generation of Mobile Networks.

36. Explain about the development, merits and demerits in Mobile networks.

(OR)

Classify and Explain the IP address.

37. Explain about RJ45 connector.

(OR)

Explain various Open Source License.

38. List all the E-Commerce business models and explain any four briefly.

(OR)

Write a note on a) Internet banking b) Mobile Banking

+++

Key Answers for Objective Questions**Govt. Model Question Paper**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
c	b	a	d	a	a	b	d	d	c	a	a	a	d	b

Model Question Paper - 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
a	c	c	a	c	a	a	b	c	d	c	c	c	d	b

Model Question Paper - 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
c	c	c	a	d	c	a	a	a	a	c	c	c	b	a

Model Question Paper - 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
a	c	a	d	a	a	a	c	b	a	d	b	a	b	d

Model Question Paper - 4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
b	b	b	d	a	b	b	a	a	b	a	c	a	b	a

Model Question Paper - 5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
a	a	b	c	d	b	c	c	a	c	c	a	c	c	a

Model Question Paper - 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
d	a	a	b	a	b	d	a	d	b	d	c	a	a	c

Model Question Paper - 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
a	c	d	b	c	a	a	d	d	c	d	d	b	c	c

Model Question Paper - 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
d	b	b	a	d	e	b	b	b	c	c	a	b	a	a

Model Question Paper - 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
d	c	b	a	b	c	d	a	c	a	a	a	d	b	b

Model Question Paper - 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
a	a	b	c	a	b	a	a	d	c	b	a	a	a	b

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