## PT4/ ANNUAL EXAMINATION, 2022-23 INFORMATION TECHNOLOGY (802) <br> Class - XI (Set-A) <br> M.M. - 60

Time - $\mathbf{3}$ hrs.
Name of the student $\qquad$ Section $\qquad$ Date - 09.02.2023 (Thursday)

## GENERAL INSTRUCTIONS:

1. Please read the instructions carefully
2. This Question Paper consists of 24 questions and is divided into 02 sections Section A and B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. Section A has 6 questions.
5. Section B has 18 questions.
a) Q.No. 7 to 11 are one mark questions. Attempt any three questions on Employability Skills.
b) Q.No. 12 to 16 are two marks questions. Attempt any three questions.
c) Q.No. 17 to 19 are three marks questions. Attempt any two questions.
d) Q.No. 20 to 24 are four marks questions. Attempt any three questions.

## SECTION-A: OBJECTIVE TYPE QUESTIONS

Q1. Answer any 4 out of the given 6 questions on Employability Skills.
i) You have just finished attending a class in a Biology lab. You have to go back to your classroom for other classes. After the lab, should you wash your hands?
a) Not really, you did not use the washroom as such.
b) You can just clean your hands under running water.
c) You should follow your hand-wash routine - wash, rinse and dry.
d) None of the above
ii) Which shortcut key is used in a LibreOffice Writer document to create a numbered list?
a) $\mathrm{Ctrl}+\mathrm{F} 12$
b) Shift+F12
c) F12
d) None of the above
iii) $\qquad$ is the process of making yourself look neat, tidy and clean.
iv) $\qquad$ means one's ability to work alone and have the confidence to make one's own decisions.
v) On the $\qquad$ side of the status bar, you can see page number and word count in LibreOffice Writer.
a) Right
b) Centre
c) Left
d) Middle
vi) $\qquad$ is a person who tries to meet needs of a customer through new ideas or ways of doing business and makes profit in return.
Q2. Answer ANY 5 out of the given $\mathbf{7}$ questions.
i) The software designed to perform a specific task:
a) Synchronous Software
b) System Software
c) Application Software
d) None of these
ii) Java is a $\qquad$ programming language
a) High-level
b) Middle-level
c) Low-level
d) None of these
iii) ____ keyword is used to eliminate redundant data in MYSQL?
iv) How many worksheets are opened by default in OpenOffice Calc.?
a) 1
b) 2
c) 3
d) 4
v) $\qquad$ component of the computer is the one which converts the alternate current power supply being received by homes or offices to the low voltage direct current required by the machine.
vi) $\qquad$ network topology requires a central controller or hub.
vii) Ramesh has prepared a project for his school in a OpenOffice Word Processor. In his document, he wants to change the occurrences of the word "when" to be changed to "where". Which option of the word processor he will use to complete the task?
a) Change Case
b) Orientation
c) Find and Replace
d) Find

Q3. Answer ANY 6 out of the given 7 questions.
(1x6=6)
i) $\qquad$ is known as the father of operating system.
a) Paul Allen
b) Gary Arlen Kildall
c) Vinod Khosla
d) Mark Zuckerberg
ii) Single line comment starts with $\qquad$ in Java.
a) /**
b) //
c) /*
d) None of these
iii) Which MYSQL command is used to modify data in a table?
iv) A device used to connect dissimilar networks is called $\qquad$ .
v) Sheba is entering marks in a MySQL table but she is not able to leave the Name field in table as blank. What could be the probable reason(s)?
vi) OpenOffice Calc has a set of predefined formulas called $\qquad$ .
vii) Which of the following is smallest integer data type in Java?
a) int
b) byte
c) short
d) long

## Q4. Answer ANY 5 out of the given 6 questions.

i) Based on OpenOffice Impress presentation, which of the following option is correct -
a) Sound clips can be inserted but not movie clips
b) Movie clips can be inserted but not sound clips
c) Sound clips and movie clips both cannot be inserted
d) Sound clips and movie clips both can be inserted
ii) SQL supports a set of logical operators. Name any one of them.
iii) Which of the following are correct advantage of java?
a) Java is Simple
b) Java is Secure
c) Java is Portable
d) All of these
iv) The contents of cell A1, A2, A3 and A4 in a Spreadsheet application are 5, 25, 15 and 35 respectively. If the formula $=\operatorname{SUM}(\mathrm{A} 1: A 4)$ is entered in cell $A 5$, $\qquad$ value will be displayed in A5.
a) 4
b) 10
c) 50
d) 80
v) Which one option is not a type of cybercrime?
a) Data theft
b) Forgery
c) Damage to data and systems
d) Installing antivirus for protection
vi) What is the full form of WORA?
a) Write only Run Away
b) Write Once Run Anywhere
c) Work only Read All
d) Withdraw On Running Application

Q5. Answer ANY 5 out of the given 6 questions.
ii) What is the MYSQL command to view the structure of the table?
iii) Suppose you mention a URL in the web-browser to visit a website. The browser first checks your computer to find if the IP address of the server is present. If this address is present then with the help of this address, the corresponding server is contacted and then the website opens in your browser. This process is called
a) Digital literacy
b) Remote login
c) Domain Name Resolution
d) None of these
iv) Write the full form of ARPANET:
a) All Research Projects Agency Network
b) Advanced Research Process Agency Network
c) Advanced Research Projects Agency Network
d) Advanced Research Projects Aid Network
v) There are $\qquad$ views available in NetBeans Java.
vi) Anjali needs to calculate marks in all 5 subjects, which of the following option will help her get the total marks in B6 using OpenOffice Calc?
i. $\quad=\operatorname{sum}(B 1>B 3)$
ii. $=s u m(B 1: B 5)$
iii. $=\operatorname{sum}(B 1, B 5)$
iv. $=B 1+B 2+B 3+B 4+B 5$
a) i, iii
b) ii, iv
c) ii, iii, iv
d) iii

Q6. Answer ANY 5 out of the given 6 questions.
i) Keywords or words which have special meaning in java, should not be used as the $\qquad$ .
ii) $\qquad$ component is used to get text input from the user which should not display as character, but as a special character.
a) Package
b) Password field
c) Text Field
d) Text Area
iii) ____ is used to hold a column and/or row address constant in OpenOffice Calc.
iv) ___ manages the communication needs of the system, be it communicating with the peripheral devices or the internet, are addressed by the operating system.
v) Rohan wants to store values in a table but the command below is giving error(s). Write correct MYSQL command for creating table.
CREATE employee (name varchar, id integer)
vi) In $\qquad$ there is a long cable, called backbone cable that connects various nodes through a connector called tap.
a) Ring Topology
b) Mesh Topology
c) Bus Topology
d) Star Topology

## SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer ANY 3 out of the given 5 questions on Employability Skills.
Q. 7 What are the three types of business activities?
Q. 8 Write any two benefits of working in a team?
Q. 9 Which shortcut key is used to insert Bulleted List in LibreOffice Writer?
Q. 10 In SMART goals, what does ' $\mathrm{S}, \mathrm{M}, \mathrm{A}, \mathrm{R}$ and T ' stand for?
Q. 11 Define the meaning of attitude.

## Answer ANY 3 out of the given 5 questions.

Q. 12 Ms. Reeta is designing an admission form for the college. She wants the user to select his stream from science, commerce and humanities. Help her select the most appropriate Swing Control in

Netbeans IDE.
Q. 13 Define Degree and Cardinality in MYSQL.
Q. 14 What do you mean by Topology?
Q. 15 Differentiate between while and do while loop.
Q. 16 Write the full form of DRAM and SRAM

## Answer ANY 2 out of the given 3 questions.

Q. 17 How do the following code differ.
a) System.out.print("Hello World");
b) System.out.println("Hello World");
Q. 18 Explain the following terms / clause / operator in MySQL
a) Order by
b) IN
c) Like
Q. 19 Define cybercrime and cyber law.

Answer ANY 3 out of the given 5 questions.
Q. 20 Write any 4 protective measures while accessing Internet?
Q. 21 Define the following:
a) Ruler Bar
b) Status Bar
c) Scroll Bar
d) Work Area
Q. 22 Consider the table EXAM given below.

| No | Name | Stipend | Subject | Average | Division |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | Babita | 400 | English | 15 | FIRST |
| 2 | Silky | 680 | Maths | 24 | FIRST |
| 3 | Jyoti | 500 | Accounts | 35 | FIRST |
| 4 | Archana | 200 | IP | 20 | SECOND |
| 5 | Sugandha | 400 | History | 10 | THIRD |
| 6 | Suparna | 550 | Geo | 5 | THIRD |
| 7 | Ankit | 400 | History | 10 | THIRD |

Write the MySQL commands for the following statements -
a) To list the names of those students, who have obtained Division as FIRST.
b) To display records listing NAME, SUBJECT for stipend between 400 to 800 .
c) Increase the stipend amount by $20 \%$.
d) Delete the records with No 3,5 and 7.
Q. 23 Write a Java program to calculate sum of even numbers upto $n$.
(Note: n is any positive integer entered by the user)
Q. 24 Write a JAVA program to accept any integer and then check whether it is a Palindrome number or not.

