

PT4/ANNUAL EXAMINATION, 2022-23

INFORMATION TECHNOLOGY (802)

Time - 3 hrs.

Class – XI (Set-A)

M.M. – 60

Name of the student _____ Section _____ 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. (1x4=4)**
- 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) Ctrl+F12
 - b) Shift+F12
 - c) F12
 - d) None of the above
 - iii) _____ is the process of making yourself look neat, tidy and clean.
 - iv) _____ means one's ability to work alone and have the confidence to make one's own decisions.
 - v) On the ____ 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) _____ 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 7 questions. (1x5=5)**
- 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 _____ 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) _____ 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) _____ 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) _____ 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 _____ 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 _____.
- 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 _____.
- 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. (1x5=5)

- 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 =SUM(A1:A4) is entered in cell A5, _____ 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. (1x5=5)

- i) _____ are the basic interface elements the user interacts with jlabels, jbuttons, jtextfields etc.

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.

(2x3=6)

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.

(3x4=12)

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.

