

CBSE | DEPARTMENT OF SKILL EDUCATION

(SUBJECT CODE - 802)

CLASS XI (SESSION 2021-2022)
SAMPLE QUESTION PAPER (MS) FOR TERM – II

Max. Time Allowed: 1 ½ Hours (90 min)

Max. Marks: 30

General Instructions:

1. Please read the instructions carefully
2. This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
3. Section A is of 05 marks and has 06 questions on Employability Skills.
 - a) Questions numbers 1 to 4 are one mark questions. Attempt any three questions.
 - b) Questions numbers 05 and 06 are two marks questions. Attempt any one question.
4. Section B is of 17 marks and has 16 questions on Subject specific Skills.
 - a) Questions numbers 7 to 13 are one mark questions. Attempt any five questions.
 - b) Questions numbers 14 to 18 are two marks questions. Attempt any three questions.
 - c) Questions numbers 19 to 22 are three marks questions. Attempt any two questions
5. Section C is of 08 marks and has 03 competency-based questions.
 - a) Questions numbers 23 to 25 are four marks questions. Attempt any two question
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each section/question.

SECTION A

(3 + 2 = 5 marks)

Answer any 03 questions out of the given 04 questions		1 x 3 = 3
Q.1	<p>National Action Plan on Climate Change is an action plan which includes different missions or plans within it for sustainable development. Name any two plans</p> <p>Answer National Mission for a Greener India/ National Mission on Sustainable Agriculture/ National Solar Mission/ National/Mission on Sustainable Habitats</p> <p>(Mention any 2 of them)</p>	1
Q.2	<p>An entrepreneur may face many problems while running a business. Name any two problems.</p> <p>Answer Pricing/selling/accounting/growing business/manufacturing</p> <p>(mention any 2 of them)</p>	1
Q.3	<p>Who are the major stakeholders of green economy?</p> <p>Answer Government, Private agencies, People</p>	1

Q.4	What is the type of business that uses raw materials, parts and components to assemble finish goods. Answer: manufacturing business	1
Answer any 01 question out of the given 02 questions		1 x 2 = 2
Q.5	There are many sectors of the green economy that affect your daily life. Explain any one of them and what you can do to help a green economy. Answer Agriculture/ forestry/ energy resources/ construction /fishery / tourism / transport (Mention any one of them giving suitable steps that we can take in that sector.)	2
Q.6	What are the major differences between qualities and values of an entrepreneur and employee? Answer Belief in Self/Customer Focus/Decision Making and Responsibility/Belief that Environment can Change (Explain any 2 points with reference to an entrepreneur and employee)	2

SECTION B

(5 + 6 + 6 = 17 marks)

Answer any 05 questions out of the given 07 questions		1 x 5 = 5
Q.7	What is the difference between getters and setters in JAVA? Answer Getters are the methods which extract some information from the object and return it to the program. Setters are the methods which set some properties of the object so that the object's appearance changes.	1
Q.8	Sheba is entering marks in a table but she is not able to leave the Name field in table as blank. What could be the probable reason(s)? Answer The column Name has NOT NULL constraint	1
Q.9	SQL supports a set of logical operators. Name any one of them. Answer AND, OR, NOT (mention any 1 of them)	1
Q.10	Define Cardinality. ANSWER : NUMBER OF ROWS IN A TABLE	1

<p>Q.11</p>	<p>Hira wants to store values in a table but the command below is giving errors . Write correct MYSQL command for creating table.</p> <p>CREATE employee (name VARCHAR, id INTEGER)</p> <p>Answer</p> <p>CREATE TABLE employee (name VARCHAR, id INTEGER);</p> <p>(2 errors to be corrected)</p>	<p>1</p>
<p>Q.12</p>	<p>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.</p> <p>Answer</p> <p>Radio button</p>	<p>1</p>
<p>Q.13</p>	<p>Give one limitation of switch case.</p> <p>Answer</p> <p>1.It doesn't allow ranges. 2. It requires either integers or characters and doesn't allow String.</p> <p>(Any 1 limitation)</p>	<p>1</p>
<p>Answer any 03 questions out of the given 05 questions</p>		<p>2 x 3 = 6</p>
<p>Q.14</p>	<p>double c, x=5,y=10; int z=51; c= x*y+z/2.5;</p> <p>What is the value now stored in c?</p> <p>ANS: 70.4</p>	<p>2</p>
<p>Q.15</p>	<p>Give any two methods of JOptionPane</p> <p>ANSWERS</p> <p>showMessageDialog() showConfirmDialog() showInputDialog()</p> <p>(give any 2 methods)</p>	<p>2</p>
<p>Q.16</p>	<p>Define Primary key and Foreign Key with examples.</p> <p>(1mark for definition and 1 mark for example)</p>	<p>2</p>

<p>Q.17</p>	<p>What is the difference between JComboBox and JList. Give one method of each of them?</p> <p>Answer</p> <p>JComboBox is like a drop down box - you can click a drop-down arrow and select an option from a list whereas JList provides a scrollable set of items from which one or more may be selected.</p> <p>getSelectedItem() for combobox getSelectedValue() for list</p>	<p>2</p>
<p>Q.18</p>	<p>a) Which keyword is used to eliminate redundant data in MYSQL?</p> <p>ANSWER: DISTINCT</p> <p>a) Which MYSQL command is used to modify data in a table?</p> <p>ANSWER: UPDATE</p>	<p>1+1=2</p>
<p>Answer any 02 questions out of the given 04 questions</p>		<p>3 x 2 = 6</p>
<p>Q.19</p>	<p>Which of the following is an invalid variable name and why ?</p> <p>3names, Integer, name.india, work_plan, JTextRavi, Kapil:Cricket</p> <p>ANSWER:</p> <p>3 NAMES : INVALID STARTING WITH A NUMBER</p> <p>INTEGER AND JTEXTRAVI: KEYWORD</p> <p>NAME.INDIA KAPIL :CRICKET: INVALID AS HAVE SPECIAL CHARACTER</p> <p>WORK_PLAN : VALID</p>	<p>3</p>
<p>Q.20</p>	<p>a. Give the output if user selected second radio button</p> <pre> if (jRadioButton1.isSelected()) jTextField1.setText("hello"); else if (jRadioButton2.isSelected()) jTextField1.setText("hi"); else if (jRadioButton3.isSelected()) jTextField1.setText("namaste"); else jTextField1.setText("Not Selected"); </pre> <p>b. Name the property that sets action to be performed when the user attempts to close the form</p> <p>answer</p> <p>a.hi</p> <p>b. defaultCloseOperation</p>	<p>2+1</p>

<p>Q.21</p>	<p>A) The clause which is used to arrange the records in ascending or descending order. B) In MYSQL keyword is used to assign meaningful columns names to the results of queries. C) Wild card charactersandare used in MySQL</p> <p>ANSWER: A) Order by B) AS C) _ *</p>	<p>1+1+1</p>
<p>Q.22</p>	<p>a) Differentiate between Delete and Drop command</p> <p>(1 MARK EACH FOR THE CORRECT DIFFERENCE)</p> <p>b. What is the MYSQL command to view the structure of the table</p> <p>answer describe <table name>;</p>	<p>2+1</p>

**SECTION C
 (COMPETENCY BASED QUESTIONS)**

(2 x 4 = 8 marks)

<p>Answer any 02 questions out of the given 03 questions</p>		
<p>Q.23</p>	<p>Reema wants to check whether the number is even or not but the code below is giving errors. underline the errors and help her write the correct code.</p> <pre> If(int num%2=0); {jTextField1.setText("even") Else jTextField1.setText("odd") Answer If(int num%2=0); {jTextField1.setText("even") Else jTextField1.setText("odd") ANSWER: Correct code if(int num%2==0) jTextField1.setText("even"); else jTextField1.setText("odd"); </pre> <p>(8 errors to be marked and corrected)</p>	<p>4</p>

Consider the table EXAM given below. Write commands in MySql for (i) to (IV)

Table: EXAM

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

Q.24

- 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)** Remove the column division
- D)** To create a database by the name SCHOOL.

1x4=4

Answers

- A) Select Name from EXAM where division =" FIRST";
- B) Select Name, Subject from Exam where Stipend between 400 and 800;
- C) Alter table Exam drop Division;
- D) Create Database SCHOOL;

Design a GUI application to accept the side of a square in a text field and calculate the area and perimeter of the square. Add Refresh button to clear all text fields and an Stop button to end the application.

Hint [Area of a square = side * side and perimeter = 2(side +side)]

ANSWER:

//Coding for jButton1 ("Calculate the area" button)

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
{
    double a,b;
    a=Double.parseDouble(jTextField1.getText());
    b=a*a; jTextField2.setText(Double.toString(b));
}
```

Q.25

1*4

//Coding for jButton2 (“Calculate the perimeter” button)

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
{
double a,c;
a=Double.parseDouble(jTextField1.getText());
c=4*a;
jTextField3.setText(Double.toString(c));
}
```

//Coding for jButton4 (“Refresh” button)

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt)
{
jTextField1.setText(" ");jTextField2.setText(" ");jTextField3.setText(" ");
}
```

//Coding for jButton5 (“stop” button)

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt)
{
System.exit(0);}

```

(1 mark for coding of each button)