

Roll No.:

SGT UNIVERSITY

END TERM THEORY EXAMINATION JULY-2022

Faculty/College of Study:	Engineering & Technology	Year/Semester:	6 th Semester
Program:	B. Tech. (CSE) - Gen	Duration:	03:00 Hrs
Course/Subject:	Java	Maximum Marks:	60
Course/Subject Code:	13020670	Batch:	2018

Instructions: -

1. Write Your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided correct question paper. Complaint(s) in this regard, if any should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. All Questions are compulsory. Marks are indicated against each question.
4. Illustrate your answer with diagram wherever required.

SECTION-A

(Very Short Answer Type Questions)

Note: All Questions are compulsory: -

[12X1=12 Marks]

S. No.	Question	Marks Allotted
1	Define variable in java?	1
2	What is Exception?	1
3	Define multithreading.	1
4	What is JDBC?	1
5	What is Connection interface?	1
6	Define java socket programming/net package.	1
7	What is AWT in java?	1
8	What is swing in java?	1
9	What is java bean component?	1
10	Define servlet.	1
11	What is JSP?	1
12	What is servlet life cycle?	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8 Marks]

S. No.	Question	Marks Allotted
13	Explain thread life cycle.	2
14	Explain socket programming into java.	2
15	What is ResultSet interface into java?	2
16	Write a program in java to print the sum of all the digits of the given no.	2

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[4X4=16 Marks]

S. No.	Question	Marks Allotted
17	Write a program to read the data from the database table.	4
18	How many ways to create the Frame, explain with example.	4
19	Explain the difference between String and String Buffer classes. Or Explain JSP inbuilt objects.	4
20	Explain the difference between Statement and Prepared Statement interface. Or Explain the difference between final, finally and finalize.	4

SECTION-D
(Long Answer Type Questions)

Note: All Questions are compulsory: -

[4X6=24 Marks]

S. No.	Question	Marks Allotted
21	Explain the ItemListener interface and write a suitable program to implement it by creating frame and Checkboxes.	6
22	Explain checked and unchecked exception in details with example.	6
23	Write a program in java to implement suspending and resuming the threads. <p style="text-align: center;">Or</p> Explain JDBC in details.	6
24	Explain JMenuBar, JMenu and JMenuItem classes into java and make a suitable program. <p style="text-align: center;">Or</p> Explain JSP life cycle methods.	