RV Institute of Technology and Management

(Affiliated to Visvesvaraya Technological University , Belagavi & Approved by AICTE, New Delhi)
Chaitanya Layout , JP Nagar 8ᵗʰ Phase , Kothanur, Bengaluru-560076

Department of Information Science Engineering

Question Bank

Subject: Advanced java   **Subject Code:BIS402**
Sem: IV   **Faculty: Dr. Vinoth Kumar M**
                                                                        Dr. Kiran Kumar K

Module 1

Q. No.	Questions	Year / Marks
1	What is Collection framework? Explain the methods defined by Collection interface	Aug. 22 / 7 Marks
2	Demonstrate ArrayList class collection with an example.	Aug. 22 / 8 Marks
3	Explain any four legacy collection of framework.	Aug. 22 / 7 Marks
4	Explain the following map classes: (i) HashMap (ii) TreeMap	Aug. 22 / 8 Marks
5	Explain ArrayList class and explain the following methods: (i) binarySearch (ii) copy (iii) equals (iv) fill	Aug. 22 / 7 Marks
6	Explain Queue interface. List different methods defined in Queue.	Aug. 22 / 4 Marks
7	Explain how collections can be accessed using an iterator with example.	Jan 24 / 6 Marks
8	Explain HashMap with example	Jan 24 / 6 Marks
9	What is Legacy classes? Explain the different Legacy classes with a java program.	Jan 24 / 6 Marks
10	Explain the following collection classes y constructing java program. (i) Linked List (ii) Array List (iii) Tree Set (iv) Hash Set	Jan 24 / 10 Marks
11	Define legacy class vector with syntax declaration and demonstrate various vector operations.	Sep. 20 / 6 Marks
12	Explain the constructors of TreeSet with example.	Sep. 20 / 4 Marks
13	Write the syntax declaration of the Queue interface and explain any four methods defined by Queue.	Sep. 20 / 6 Marks

14	Explain the methods defined by Deque.	Sep. 20 / 6 Marks
15	With an Example program. Explain how to store user-Defined classes in collections.	Sep. 20 / 7 Marks
16	Mention and explain different interfaces that support maps	Sep. 20 / 6 Marks