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Future Vision

By K B Hemanth Raj

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ADVANCED JAVA AND J2EE

[As per Choice Based Credit System (CBCS) scheme]

(Effective from the academic year 2017 -2018)

SEMESTER – V

Subject Code **17CS553**

IA Marks **40**

Number of Lecture Hours/Week **03**

Exam Marks **60**

These Questions are being framed for helping the students in the “FINAL Exams” Only (Remember for Internals the Question Paper is set by your respective teachers). Questions may be repeated, just to show students how VTU can frame Questions.

- ADMIN

Module 2

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1. Explain ArrayList. Write a program to demonstrate how ArrayList can be used to insert and remover string. (8-Marks) (3a) (Dec.2018/Jan.2019)
 2. Explain Queue interface. Explain different methods defined by Queue. (8-Marks) (3b) (Dec.2018/Jan.2019)
 3. Create a class STUDENT with two private string members: USN, Name using LinkedList class in Java, write a program to add atleast 3 objects of above STUDENT class. Also display the data in neat format. (8-Marks) (4a) (Dec.2018/Jan.2019)
 4. Explain ArrayList class and explain following methods:
 - i. binarySearch
 - ii. copyOf
 - iii. equals
 - iv. fill (8-Marks) (4b) (Dec.2018/Jan.2019)
 5. Discuss the following collection interfaces:
 - i) Set

- ii) List. (8-Marks) (3a) (June/July 2018)
- 6. Demonstrate linked list for collections with an example. (8-Marks) (3b) (June/July 2018)
- 7. Explain how collections can be accessed using an iterator. (8-Marks) (4a) (June/July 2018)
- 8. Explain the following legacy classes with an example:
 - i. Hashtable
 - ii. Vector. (8-Marks) (4b) (June/July 2018)
- 9. What is a collection Framework? And explain the methods defined by collection interface. (08 Marks) (3a) (Dec.2017/Jan.2018)
- 10. Explain the methods defined by. List Iterator interface. (8-Marks) (4a) (Dec.2017/Jan.2018)
- 11. Explain the constructors of TreeSet class and write a java program to create TreeSet collection and access it via an Iterator. (08 Marks) (4a) (Dec.2017/Jan.2018)
- 12. Explain any four legacy classes of Java's collection Framework (8-Marks) (4b) (Dec.2017/Jan.2018)

**ANSWER SCRIP FOR THESE
QUESTIONS WILL BE UPLOADED ASAP**

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THANK YOU
