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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 1

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1. What is auto-boxing? Write a program to demonstrate auto-boxing/unboxing. (5-Marks) (1a) (Dec.2018/Jan.2019)
 2. What do you mean by type wrapper? Explain numeric type wrapper with an example program in JAVA. (5-Marks) (1b) (Dec.2018/Jan.2019)
 3. Explain the following methods of java.lang.Enum with an example:
 - i. ordinal()
 - ii. compareTo()
 - iii. equals() (6-Marks) (1c) (Dec.2018/Jan.2019)
 4. Demonstrate single annotation with an example. (4-Marks) (2a) (Dec.2018/Jan.2019)
 5. Explain following built-in annotations with a program in Java:
 - i. @Override
 - ii. @Inherited
 - iii. @Retention (6-Marks) (2b) (Dec.2018/Jan.2019)

6. Explain different retention policies for annotations in Java. (6-Marks) (2c) (Dec.2018/Jan.2019)
7. What is an Enumeration? Explain with an example. (5-Marks) (1a) (June/July 2018)
8. Demonstrate how enumerations can be applied as class types. (5-Marks) (1b) (June/July 2018)
9. Discuss Auto boxing/unboxing in Java with an example. (6-Marks) (1c) (June/July 2018)
10. What is an Annotation? Explain various retention policies for annotations in java. (5-Marks) (2a) (June/July 2018)
11. Discuss how reflections can be used at runtime with annotations. (6-Marks) (2b) (June/July 2018)
12. Demonstrate single member annotations with an example. (5-Marks) (2c) (June/July 2018)
13. What are Enumerations? Explain values () and value of () 'methods with an example program. (4-Marks) (1a) (Dec.2017/Jan.2018)
14. What is Auto boxing? Write a Java program that demonstrates auto boxing or unboxing. (4-Marks) (1b) (Dec.2017/Jan.2018)
15. What are Annotations? Explain the following Built in Annotations with program as an example @Override @inherited @Retention. (8-Marks) (1c) (Dec.2017/Jan.2018)
16. Explain the following methods of java.Jang.Enum with an example program.
 - i. ordinal()
 - ii. compareTo()
 - iii. equals()(8-Marks) (2a) (Dec.2017/Jan.2018)
17. Explain how to obtain Annotations at Run Time by use of Reflection. (8-Marks) (2b) (Dec.2017/Jan.2018)

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

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THANK YOU
