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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 3

1. Explain following StringBuffer methods with an example:
 - i. insert
 - ii. append
 - iii. replace
 - iv. substring (8-Marks) (5a) (Dec.2018/Jan.2019)
2. Differentiate String and StringBuffer class. Write a program to demonstrate different construction of String class. (8-Marks) (5b) (Dec.2018/Jan.2019)
3. Write a program to remove duplicate characters from a given string and display the resultant string. (06 Marks) (6a) (Dec.2018/Jan.2019)
4. Differentiate between equals() and == with respect to string with a program. (06 Marks) (6b) (Dec.2018/Jan.2019)

5. Explain following character extraction method:
 - i. `charAt()`
 - ii. `toCharArray()` (4-Marks) (6c) (Dec.2018/Jan.2019)
6. Explain why do we need strings. Briefly explain different ways of creating strings. (05 Marks) (5a) (June/July 2018)
7. Write a program to remove duplicate characters in a given string and display new string without any duplicates. (5-Marks) (5b) (June/July 2018)
8. Explain how strings can be modified in Java with different methods. (6-Marks) (5c) (June/July 2018)
9. What String Buffer? Explain how it is different from strings. (6-Marks) (6a) (June/July 2018)
10. Explain the following String Buffer methods:
 - i. `insert()`
 - ii. `append()`
 - iii. `substring()`
 - iv. `replace()`. (6-Marks) (6b) (June/July 2018)
11. Explain how to check the occurrences of a substring or characters in a given string. (4-Marks) (6c) (June/July 2018)
12. What is string in java? Write a Java program that demonstrates any four constructors of string class. (08 Marks) (5a) (Dec.2017/Jan.2018)
13. Differentiate between `equals()` and `==` with respect to string comparison. (04 Marks) (5b) (Dec.2017/Jan.2018)
14. Explain the following character Extraction methods.
 - i. `charAt()`
 - ii. `toCharArray()` (4-Marks) (5c) (Dec.2017/Jan.2018)
15. Explain how to modify a string by using following methods.

- i. substring ()
- ii. concat ()
- iii. replace ()
- iv. trim () (8-Marks) (6a) (Dec.2017/Jan.2018)

16. Explain the following methods of stringBuffer class.

- i. append ()
- ii. insert ()
- iii. reverse ()
- iv. replace. (8-Marks) (6b) (Dec.2017/Jan.2018)

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

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THANK YOU
