



K17U 2300

Reg. No. :

Name :

V Semester B.Sc. Degree (CCSS – Supple./Improve.)

Examination, November 2017

CORE COURSE IN COMPUTER SCIENCE

5B 10 CSC : Java Programming

(2013 and Earlier Admissions)

Time : 3 Hours

Max. Weightage : 21

SECTION – A

Answer **all** questions. Weightage for a bunch of 4 questions is 1.

1. The _____ statement is used to include another java package in a java source file.
2. In java, the AWT classes are contained in the _____ package.
3. An _____ is an object that is generated when a run time error occurs.
4. Java uses _____ to represent characters.
5. Java supports _____ programming.
6. JDK stands for _____
7. The _____ package provides classes for networking in java.
8. A _____ is the collection of classes and interfaces. (2×1=2)

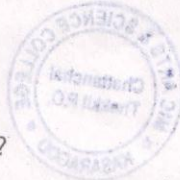
SECTION – B

Answer **any five** questions. Weightage 1 for each.

9. What is JDK ?
10. Name different states of a thread.
11. What is wrapper classes in java ?

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12. What is an Applet ?
13. What is the difference between class and static classes ?
14. List out basic classes in AWT.
15. How to import a new package in java program ?
16. Define Object and Class in OOP Language. (5×1=5)

SECTION – C

Answer **any five** questions. Weightage 2 for **each**.

17. Explain different stages in thread life cycle.
18. What is method overloading and method overriding ?
19. Explain different Java Control structure and Loop structure with suitable examples.
20. Explain access modifiers in java.
21. Explain overview of multithreading.
22. Write a short note on Applets.
23. How to Handle Exceptions in Java ? Explain advantages of exception handling.
24. Write a java program to check whether the given number is AMSTRONG or not. (5×2=10)

SECTION – D

Answer **any one** question. Weightage 4 for **each**.

25. Write short note on :
 - a) JDBC Architecture.
 - b) Thread synchronization and scheduling.
26. a) Define Packages in java. Compare the key difference between Packages and Interfaces in java.
b) Explain working of java applet with suitable example. (1×4=4)