

GURUDAS COLLEGE
Internal Assessment
SUBJECT - CMSA
SEM-V
PAPER – CC12

Answer Q1 and any 4 from the rest:

1. Answer any Four: 1.5X4=6
 - a. What is the use of bin and lib in JDK?
 - b. What are the different types of casting?
 - c. Write any two characteristics of OOP language and explain in brief.
 - d. What is the benefit of using multithread programming?
 - e. What is abstraction?
 - f. What is encapsulation?
 - g. How does StringBuffer class differ from String Class?

2. Write short note on any two of the following: 4X6
 - a. Garbage Collection
 - b. The final keyword
 - c. Runnable interface.

3. Write a Java Program that will create a factorial of a given integer using multithread. The input integer should taken as user input.

4. What do you mean by Synchronization? Why do we need it?

5. Why java is called Platform independent? What are the benefits of introducing package and Writing class inside that?

6. Write a Java code that will check Whether a String is Pallindrome or not.Create an interface containing all the methods prototype used in the code.

7. Explain different types of Polymorphism? What is Dynamic method dispatch?

