1. Which one of the following terms must relate to polymorphism? (a) Vector and Array-List (b) Explanation of the difference between (i) Vector and Array-List (ii) Enumeration and Iterator (iii) Blocking I/O (iv) Sleep (v) Wait

2. What are exceptions? How are they handled in Java?

3. What is the difference between checked and unchecked exceptions?

4. What is the difference between methods and the help of a program?

5. What is the difference between instance variables and class variables?

6. What is aggregation? Explain with an example.

7. What is the difference between a class and an abstract class?

8. What is the difference between the help of a program and the keywords with all its usages?

Group - A

(Objective Type Questions)

(a) Choose the correct answer of the following:

\[ 2 \times 10 = 20 \]

(b) Java bytecode

(c) Java Class

(d) Java

(e) Java
(Continued)

1. Why is a Java known as a platform-independent language?

2. What is the difference between for loops and while loops?

3. Which class is the super class of String?

4. Which class is used to run a thread?

5. Which class is used to get input from the user?

6. Which class is used to access the environment?

7. Which exception is thrown when an unchecked exception occurs?

8. Which exception is thrown when a checked exception occurs?

9. Which exception is thrown when an error occurs?

10. Which exception is thrown when an assertion error occurs?

11. What is the superclass of Throwable?

12. Which keyword is used for accessing the file reader?

13. Which keyword is used for accessing the file stream?

14. Which keyword is used for accessing the byte reader?

15. Which keyword is used for accessing the list?

16. Which keyword is used for accessing the set?

17. Which keyword is used for accessing the map?

18. Which keyword is used for accessing the queue?

19. Which keyword is used for accessing the new int[10]?

20. Which keyword is used for accessing the new int[10][10]?