

November 2022

Time - Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B each question carries 14 marks.]

PART - A

1. Define polymorphism. Give an example.
2. What are the special operators used in java? Give its use.
3. Draw the flow diagram of else if ladder.
4. Define vector. Write any two constructors of vector class.
5. Define object. Write the syntax to create an object.
6. Write the use of abstract method.
7. Name any three built in exception classes.
8. Define stream. List any two advantages of stream.
9. Which method is used to draw a circle? Give example.
10. What are the uses of scroll bars?

[Turn over.....

PART - B

11. (a) Explain the basic concept of OOPs.
(Or)
(b) Define expression. Explain the evaluation of expression with example.
12. (a) Explain in detail about String class.
(Or)
(b) Describe the different decision making statements.
13. (a) Explain command line arguments.
(Or)
(b) Explain about system packages.
14. (a) Explain the creation of thread by implementing Runnable interface.
(Or)
(b) What is exception handling? Explain with example.
15. (a) Explain any seven graphics class methods with example.
(Or)
(b) What is layout manager? Explain its types.
