

DECEMBER 2015

**P/ID 17463/  
RCN/PCAP**

---

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) List any five characteristics of Java.  
Or  
(b) How is automatic type conversion carried out in Java?
2. (a) Explain method overloading with an example.  
Or  
(b) What are static methods? How are they used?
3. (a) What are different access specifiers used in Java?  
Or  
(b) How is a thread created in Java? Give example?
4. (a) Write about Data and calendar utilities in Java.  
Or  
(b) What are applets? Give example.

5. (a) Explain how instances are created for Inet address.

Or

- (b) Write on dialog boxes.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Discuss the java data types.
7. How is Inheritance used in Java? Give examples.
8. What is a package? How is it created in Java? Give examples.
9. Explain the throw and throws clause with an example.
10. How is Interprocess synchronisation achieved in Java? Give example.
11. Explain any five collection classes that are part of java.util.
12. Discuss the servlet API.

13. Explain the following AWT classes:

- (a) Button
  - (b) Canvas
  - (c) Cursor
  - (d) Event
  - (e) Graphics.
-