

April 2019

*Time - Three hours
(Maximum Marks: 75)*

*(N.B: (1) Q.No. 8 in PART - A and Q.No. 16 in PART - B are compulsory.
Answer any FOUR questions from the remaining in each PART - A
and PART - B*

(2) Answer division (a) or division (b) of each question in PART - C.

*(3) Each question carries: 2 marks in PART - A, 3 marks in Part - B
and 10 marks in PART - C.]*

PART - A

1. What is a datagram socket?
2. What is the use of getLocalPort() method?
3. Define text area class.
4. What is a statement?
5. What is a generic servlet?
6. Define the term BDK.
7. What are the types of Bean properties?
8. What is metadata?

PART - B

9. Explain URI class.
10. Write the constructors of scrollbar class.
11. Explain GridBag layout manager.
12. What are the advantages of types driver?
13. Explain any two methods of servlet config.
14. Differentiate ResultSetMetaData and DatabaseMetaData.
15. What is introspection?
16. Explain doGet() and doPost() methods.

PART - C

17. (a) (i) Describe TCP/IP.
(ii) Write a program to create TCP/IP client.
(Or)
(b) Explain the constructors and methods of socket class.
18. (a) Explain how tabbed pane is used in an applet with example.
(Or)
(b) (i) Explain the methods of check box class.
(ii) Explain choice class.
19. (a) Explain the different types of JDBC drivers in detail.
(Or)
(b) (i) Explain the methods of ResultSet to check the position of the cursor.
(ii) Explain the batch update mechanism.
20. (a) (i) Explain servlet chaining and filtering.
(ii) Explain any five methods of ServletRequest.
(Or)
(b) Explain how HTML data form read from servlets with example.
21. (a) What is a simple property? How a simple property is created? Explain.
(Or)
(b) (i) Explain property editor.
(ii) Explain Bean info interface.