

105**April 2018**

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 are the fields of URL objects?
2. Define button class.
3. What is border layout?
4. Define ODBC.
5. Define servletConfig.
6. What is a ServletException?
7. What is a Customizer?
8. Define URL Connection class.

PART - B

9. Explain host name resolution.
10. Explain any two methods of Datagram Packet class.
11. How to implement JFrame class?
12. What are the types of JDBC drivers?
13. What are the steps to insert a new row into the database?
14. Differentiate do Get() and do Post() method.
15. Explain the ways to control serilization.
16. Define cookies.

[Turn over.....

PART - C

17. (a) (i) Explain the constructors of socket class.
(ii) Write a program to create a TCP/IP client.
(Or)
(b) (i) Explain any five methods of datagram packet class.
(ii) Explain any five methods of URL class.
18. (a) Define JFrame. Explain its class with example.
(Or)
(b) How to implement layout manager and Explain it with example.
19. (a) Explain the following (i) Methods of ResultSet to check the position of the cursor (ii) DatabaseMetadata interface.
(Or)
(b) (i) Explain the methods of statement.
(ii) Explain the fields of statement.
20. (a) Explain the life cycle of servlet in detail.
(Or)
(b) (i) Explain the constructor and methods of ServletInputStream class.
(ii) Explain request forwarding and Request Dispatcher.
21. (a) Explain the Persistence property in detail.
(Or)
(b) Explain the Bound and Constrained properties.
