906

October 2018

<u>Time – Three hours</u>
(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 stream socket?

2. Write the syntax of URL.

3. What is a container?

4. How window objects are created?

5. What is the use of data types date and time?

6. Write any two advantages of servlet.

7. What is persistence?

8. What is servlet output stream?

PART – B

9. What are the address types of IPV6?

10. Describe about servlet exception.

11. Explain any three methods of component class.

12. Give any three advanced datatypes.

13. Explain the methods used to insert, delete and modify a row.

14. What is an httpsession?

15. What are the ways to control sterilization?

16. Explain Jtable class?

[Turn over.....

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PART – C

17. (a) (i) Write a program to create TCP/IP server.
     (ii) Explain any five classes of java. net package.

(Or)

   (b) (i) Explain any five methods of Inetaddress class.
       (ii) Explain any five methods of datagram packet class.

18. (a) (i) What are the constructors in button class? How button object is created?
        (ii) Explain the label class.

(Or)

   (b) Explain flow layout and border layout managers in detail.

19. (a) (i) Differentiate JDBC and ODBC.
        (ii) Explain the methods of resultset to move the cursor.

(Or)

   (b) Explain the methods in callable statement interface.

20. (a) (i) Explain httpresponse header.
        (ii) Explain any five methods of httpservlet.

(Or)

   (b) Explain the life cycle of servlet in detail.

21. (a) Explain the steps to create a bean JAR file.

(Or)

   (b) (i) Explain reflection.
       (ii) How a Javabean is created? Explain.