

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2020 ONLY)

20 UIT 413

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : JULY 2022

B.Sc.IT
IV SEMESTER

MAXIMUM MARKS: 70
TIME : 3 HOURS

PART - III

ADVANCED JAVA PROGRAMMING

SECTION - A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1.Package of drawstring() method is_____.

- a) java.applet b) java.io c) javax.swing d) java.awt

2. Which of the following is not a feature of Beans?

- a) Introspection b) Events c) Persistence d) Serialization

3. Which type of driver provides JDBC access via one or more ODBC drivers?

- a) Type 1 driver b) Type 2 driver c) Type 3 driver d) Type 4 driver

4.Cookies were originally developed for _____.

- a) Client Side Programming b) Server Side Programming
c) Both Client and Server Side d) Socket Programming

5.We can use JSTL for all the purposes below, except:_____.

- a) Conditionals b) Manipulating Text Documents
c) Formatting d) Iteration

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Define Java Swing

7. Define Session Bean.

8. Define the return type of Class.forName() method.

9. What is meant by Cookie.

10. Define Implicit Objects.

(CONTD...2)

SECTION – B

(5 X 4 = 20 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11. a) Describe in detail the structure of a Swing application with example.

(OR)

b) Examine in brief Top-Level Containers with example.

12. a) Examine in detail advantages of Java Beans with example.

(OR)

b) How do you make a simple Bean with Bean Development Kit? Assess with example.

13. a) Interpret about types of drivers in ODBC with example.

(OR)

b) Sketch about Interfaces and Classes of JDBC with example.

14. a) Describe the different types of Cookies.

(OR)

b) Interpret in detail about Cookies in Servlet with neat diagram.

15. a) Assess the benefits of using Ajax in Web-based Applications.

(OR)

b) Examine the Ajax- Rich Internet applications with example.

SECTION - C

(4 X 10 = 40 MARKS)

ANSWER ANY FOUR OUT OF SIX QUESTIONS

(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS

(FROM Qn. No : 17 to 21)

(K4 (Or) K5)

16. Analyze in detail about the various Text Component Features with example.

17. Point out briefly different components of Swing in Java with example.

18. Determine in detail various Using Bound Properties with example.

19. Discuss the Servlets Architecture with example and diagram.

20. Summarize in brief about various types of scripting elements of JSP with example.

21. Justify the various types of advantages and disadvantages of Ajax.

