

NGM COLLEGE (AUTONOMOUS) POLLACHI

END-OF-SEMESTER EXAMINATIONS: MAY-2023

B. Sc-Information Technology

MAXIMUM MARKS: 70

IV SEMESTER

TIME: 3 HOURS

PART III

ADVANCED JAVA

SECTION – A (10 X1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS

MULTIPLE CHOICE QUESTIONS

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. What are the different types of containers in swing? Mention the different types containers in swing.
7. What is a java bean?
8. Define Servlet.
9. List the JSP Scripting elements.
10. What can Ajax do?

SECTION – B (5 X 4 = 20 MARKS)**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)**

11. a) Describe the swing packages.

(OR)

b) Examine the swing layout managers.

12. a) List the application builder tools in Java Bean.

(OR)

b) Describe the Java Beans API.

13. a) Show the components of JDBC.

(OR)

b) Write and examine a simple Servlet program to generate plain text.

14. a) State the methods to getting client IP address in a Servlet.

(OR)

b) Describe the JSP life cycle.

15. a) List the JSTL tags.

(OR)

b) Show the advantages and disadvantages of AJAX.

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. Summarize the all swing component classes.

17. Investigate Swing menu components.

18. Discuss the steps of developing a simple Bean using the BDK.

19. Illustrate the architecture of JDBC and its types.

20. Classify the JSP scripting elements.

21. Elaborate the AJAX web application development model.