

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR
2018 ONLY)

(NO.OF PAGES: 2)

18 PMC 424

REG.No.

NGM COLLEGE (AUTONOMOUS) : POLLACHI

END – OF – SEMESTER EXAMINATIONS : JUNE - 2021

M.C.A.

MAXIMUM MARKS: 75

IV - SEMESTER

TIME: 3 HOURS

J2EE TECHNOLOGIES

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

1. _____ class represents Swing applets and hierarchically extends the AWT applet. K2
a) Applet class b) JApplet class c) Swing Applet class d) AWT Applet class
2. The _____ class is used to display data in tabular form. It is composed of rows and columns. K1
a) JDesktopPane b) JTabbedPane c) JApplet d) JTable
3. _____ is the expansion of jar files. K2
a) Java Artificial files b) Java Archive files c) Java RMI files d) Java Artistic files
4. The syntax for JSP Scriptlet is _____. K2
a) <%= %> b) <%& %> c) <% %> d) <%@ %>
5. CORBA refers to _____. K2
a) Component Object Request Broker Architecture
b) Container Object Request Broker Architecture
c) Component Object Response Broker Architecture
d) Component Object Request Benchmark Architecture

SHORT ANSWERS

6. Show any two differences between JTextField and JTextArea. K1
7. Discuss on BDK. K1
8. Outline the term Cookies. K1
9. What is meant by RMI client? K1
10. List the different types of beans in EJB. K1

(CONTD...2)

SECTION – B**(5 X 5 = 25 Marks)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.**

11. a) Analyze the JPanel in brief. K3
(OR)
b) Apply syntax of JTextField in a suitable example. K3
12. a) Test the JProgressbar component in a sample source code. K3
(OR)
b) Analyze the JInternalFrame with suitable example. K3
13. a) Infer the use of Java Servlets. Discuss on alternates for Servlets. K3
(OR)
b) Discover the concept of Java Bean elaborate the use of JAR files. K3
14. a) Examine the use of Scriptlets in JSP with a sample source code. K3
(OR)
b) Analyze the concept of Servlet Chaining. K3
15. a) Draw the JSP Architecture and discover the concepts. K3
(OR)
b) Classify the roles of EJB.

SECTION – C**(4 X 10 = 40 Marks)****ANSWER ANY FOUR OUT OF SIX QUESTIONS.****(16TH QUESTION IS COMPULSORY).**

16. Discuss the Servlet Lifecycle in detail with suitable diagrams. K4
17. Compare the fundamentals of JCombo Boxes and JLists. K4
18. Propose a Java Program for illustrating JTables. K4
19. Elaborate the Bean Development Kit and the properties of a Bean K4
20. Discuss Object Serialization and Parameter passing contributes to RMI. K4
21. Construct the EJB's Architecture in detail. K4
