

67056-N

MCA 2nd Semester 2 Year Course w.e.f. 2020-21
Examination, May 2023
ADVANCED OBJECT TECHNOLOGY
Paper-20MCA22C1

Time allowed : 3 hours [Maximum marks : 80]

Note : Attempt five questions, selecting one question from each unit. Question No. 1 is compulsory. All questions carry equal marks.

1. (a) What is Sharing Session? 8×2=16
(b) What is JTree?
(c) What is Grid Layout?
(d) What is inner HTML?
(e) What is CGI?
(f) What is RMI?
(g) What is a Data type in Javascript?
(h) What is DTD?

Unit-I

2. (a) What is Javascript? What are the objects in javascript? Explain their basic features. 6
(b) What is Applet? Describe in detail the life cycle of the applet. 6

67056-N-P-3-Q-9 (23)

[P.T.O.]

(2)

67056-N

- (c) What is Dynamic HTML with Java Script?
Explain with an example. 4
3. Explain the following with an example: 6+6+4
- (a) DOM and SAX
 - (b) Event handling
 - (c) AWT Controls

Unit-II

4. What is Swing? How is AWT different from Swing?
Explain any five similar components used in AWT and
Swing, with example. 16
5. What is Java Bean? What are the types of properties
of Java Beans? Explain the advantage of Java
Bean. 16

Unit-III

6. (a) How are Servlets more important than Swing?
What are the methods used in the life cycle of
Servlets? Explain with an example. 12
- (b) What is HTTPSERVLETRESPONSE interface?
Explain. 4
7. What are security issues in Servlet? How Servlet differ
from JSP? Explain Anatomy of JSP and processing
with example. 16

67056-N

(3)

67056-N

Unit-IV

8. What do you mean by JSP application development?
How to create a dynamic website using JSP? Explain
Error handling and debugging sharing data between
JSP pages. 16
9. What is Struts Programming? How is it used? Explain
RMI and CGI Programming with examples. 16

67056-N