

52442

MCA 5th Semester

(Regular/Re-Appear)

Examination – December , 2019

ADVANCED JAVA

Paper : MCA-502(HC)/5151

Time : Three Hours] [Maximum Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after examination.

Note : Attempt *five* questions in all. Question No. 1 is *compulsory*. Attempt *four* more questions by selecting *one* question from each Unit. All questions carry equal marks.

1. Answer the following questions : $2 \times 8 = 16$

- (i) Define Event source ?
- (ii) What is the delegation of model ?

P. T. O.

- (iii) What is introspection ?
- (iv) What is bean info interface ?
- (v) What is HTTP request ? Give its uses.
- (vi) What is page context ?
- (vii) What is include directive ?
- (viii) What are context initialization parameters in JSP ?

UNIT – I

- 2. (i) What is DOM ? Explain with the help of example ? 8
- (ii) Write a program in Java Script for addition of two numbers and read the value from Keyboard using textbox. 8
- 3. (i) What is object in java script ? Explain it in detail with example.
- (ii) What is AWT ? Write a program in java to create two choice menu using checkbox and one select the operating system other browser it will display on the window. 8

UNIT – II

- 4. (i) What is Java Beans ? Explain the advantage of Beans in detail ? 8

(2)

- (ii) Explain the Java Bean API with detail with help of relevant example. 8
5. What is swing in Java ? Explain any six components of Swings with example ? 16

UNIT – III

6. (i) What is servlet ? Explain the life cycle of the servlet. 8
- (ii) What are cookies Session ? Write a program to create the cookies. <https://www.iguonline.com> 8
7. (i) What is implicit object of JSP ? Write a program in JSP to display the date and time creation of page. 8
- (ii) What are security issues ? Explain the use of tomcat server and write step to install tomcat with testing. 8

UNIT – IV

8. (i) Write short notes on each of the following :
4 + 4 = 8
- (a) javax.sql.*;
- (b) strut Framework
- (ii) Explain the memory usage considerations in session in application. 8

9. (i) What is JDBC ? Write a program in java to connect with database using JDBC with MySql to insert the data in table and display table content. 8
- (ii) What is error handling and debugging in sharing data between JSP pages ? Write a program in JSP to sharing data between JSP pages. 8

<https://www.iguonline.com>

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से