(For the candidates admitted from 2012–2013 onwards)

M.C.A. DEGREE EXAMINATION, NOVEMBER 2017.

Fourth Semester

ADVANCED JAVA PROGRAMMING

Time : Three hours   Maximum : 75 marks

SECTION A — (5 × 5 = 25 marks)

Answer ALL the questions.

1.   (a)   Explain the components of Java Bean.

Or

(b)   Write a brief note on adding controls to Java Bean with an example.

2.   (a)   Explain URL Class for reading remote files.

Or

(b)   Write about the classes for Networking.

3.   (a)   Explain the three tier models in detail.

Or

(b)   Differentiate the methods of Resultset Objects.

4. (a) Explain the Lifecycle of Servlet.

Or

(b) Explain the JSP access model with an example.

5. (a) Discuss on Java EE Clients.

Or

(b) Briefly explain the lifecycle of stateless java beans.

SECTION B — (5 × 10 = 50 marks)

Answer ALL questions.

6. (a) Brief the advantages and properties of Java Beans.

Or

(b) Describe how to add custom events in Java Bean with an example.

7. (a) Discuss Server sockets with an example.

Or

(b) How do you develop Distributed applications using RMI?

8. (a) Give detailed note on JDBC Drivers.

Or

(b) Discuss the methods of metadata with examples.

9. (a) Explain in detail how to create servlet with an example.

Or

(b) Write the advantages of JSP.

10. (a) Describe EJB and its benefits.

Or

(b) What do you mean by JAR files? Explain with an example.

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