

This question paper contains 2 printed pages]

BT—03—2016

FACULTY OF COMPUTER SCIENCE

M.Sc. (SE) (Third Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(Revised Course)

SOFTWARE ENGINEERING

Paper (S3.1)

(Advance Java Programming)

(Wednesday, 16-11-2016)

Time : 2.00 p.m. to 5.00 p.m.

Time—3 Hours

Maximum Marks—100

N.B. :— (i) All questions are compulsory.

(ii) Assume suitable data if necessary.

(iii) Figures to the right indicate full marks.

1. (a) Why Java is important for Internet ? Explain Bytecode in detail. 10

(b) Explain the thread life cycle in detail. 10

Or

(c) Explain the Layout Manager and its types. 10

(d) Explain Java I/O stream classes. 10

2. (a) What do you mean by JavaBeans ? Explain its advantages. 10

(b) Explain servlet Architecture in detail. 10

Or

(c) Explain Package in detail. 10

(d) Explain an APPLET Tag in detail. 10

3. (a) Explain the Java Buzzwords in detail. 10

(b) Explain Event types and Listener in detail. 10

Or

(c) Write a program to pass to values to given applet and display its addition. 10

(d) What do you mean by JSP ? Explain JSP page Directives. 10

P.T.O.

4. (a) What is BDK ? Explain how to develop/create JAR file using JavaBean. 10
- (b) Write a program to access records from database and display same on screen using JDBC. 10
- Or*
- (c) What do you mean by JSP ? Explain an implicit object with example. 10
- (d) Explain color and font class in detail. 10
5. Write short notes on (any *three*) : 20
- (a) JAPPLET
- (b) Thread Priority
- (c) JavaBeans
- (d) HTTP GET and POST Request
- (e) Interface.