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BT—02—2016

FACULTY OF COMPUTER STUDIES

M.Sc. (Second Year) (Third Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(CBCS PATTERN)

SOFTWARE ENGINEERING

(Advanced Java Programming)

(Wednesday, 16-11-2016)

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

Time—3 Hours

Maximum Marks—75

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

(ii) Each question carries equal marks.

(iii) Draw diagrams wherever necessary.

(iv) Figures to the right indicate full marks.

1. Attempt any *three* from the following : 15

(a) What is string buffer class ?

(b) What is exception handling ?

(c) What is package ?

(d) Explain thread life cycle.

(e) Explain J toolbar class.

2. Attempt any *three* from the following : 15

(a) Explain JDBC.

(b) Explain architecture of servlet.

(c) Explain working with color and font in Java.

(d) Explain thread synchronisation.

3. Attempt any *three* from the following : 15

(a) Explain window event class.

(b) Explain checkbox and Radio button.

(c) Explain JSP object and JSP page directives.

(d) What is thread control method ?

P.T.O.

4. Attempt any *three* from the following : 15
- (a) Explain AWT classes.
 - (b) Explain Java I/O stream class.
 - (c) Explain Java Buzzword.
 - (d) Explain the applications of Java beam.
5. Attempt any *three* from the following : 15
- (a) Write a program to draw circle on applet.
 - (b) Explain JDBC types of connectivity.
 - (c) Explain mouse event and key event.
 - (d) Explain multiple inheritance through interface.
 - (e) Explain the use of super keyword.