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BJ—9—2016

FACULTY OF COMPUTER SCIENCE

B.Sc. (C.S.) (Third Year) (Sixth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(Revised Course)

COMPUTER SCIENCE

Paper II

(Prog. in Java)

(Saturday, 19-11-2016)

Time : 10.00 a.m. to 1.00 p.m.

Time—3 Hours

Maximum Marks—80

N.B. :— (i) Attempt All questions.

(ii) Assume suitable data, if necessary.

(iii) Figures to the right indicate full marks.

1. Attempt the following : 20

(a) What is thread ? Explain thread priorities.

(b) What is bean ? Explain bean writing process.

(c) Explain stream socket class.

(d) Explain get and post request of HTTP.

2. (a) Explain life cycle of sevlet in detail. 8

(b) Write a program for JDBC connectivity. 7

Or

(c) What is cookies ? Explain how to create cookies with example. 8

(d) Explain design of JDBC. 7

3. (a) Write a program in Java to display rectangle with different two colors. 8

(b) Explain synchronization and interthread communication in detail. 7

Or

(c) Explain Java.net package and how to create socket to a remote host on a part ? 8

(d) What is swing ? Explain working with 2D basic shapes. 7

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4. (a) Write a prog to simple servlet. 8
(b) What is JDBC ? Explain configuration of JDBC. 7
Or
(c) Write a program in Java to add elements in linked hash set and display them. 8
(d) What is set ? Explain interfaces such as lists, set vector and iterator. 7
5. Write short notes on (any *three*) : 15
(a) Hash tables
(b) Executing SQL statement
(c) Data handling using servlets
(d) Mixing scriptlets and HTML
(e) Running multiple threads.

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