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UG/5th Sem/Comp(H)/T/19

2019

B.Sc. (Honours)

5th Semester Examination

COMPUTER SCIENCE

Paper - C11T

[Advanced Java]

Full Marks : 40

Time : 2 Hours

- The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *five* questions from the following :

5×2=10

1. (a) What is the difference between pass by value and pass by reference ?
- (b) What is a JAR file in Java ?
- (c) What is the difference between an array and an ArrayList in Java ?

[Turn Over]

(3)

(e) What is the purpose of garbage collection in Java, and when is it used ? What are the advantage and disadvantage of Java Socket ?

3+2

(f) Define event and event handling. What are the problem with servlets ?

3+2

Group - C

Answer any *one* question. $10 \times 1 = 10$

3. (a) What is the difference between declaring a variable and defining a variable ? What are different types of inner class ? What is static in Java ? What are the advantages to use of object ?

3+3+2+2

(b) (i) Briefly explain the error handling process in a JSP page.

(ii) What are the tags used in JSP bean development?

(iii) Write down a simple JSP code to display your name in the page.

4+3+3
