## PATTERN OF QUESTION PAPER

BCA 5 ${ }^{\text {TH }}$ SEMESTER (NON-CBCS)

## BCA501 - INTERNET TECHNOLOGIES

Total Marks : 70, Duration : THREE Hours
Passing standard: 25 Marks

* There are four questions.
* Each question carries equal marks (i.e. 14)

Total Marks: 70
Q. 1 (A) Answer any five (two or three line answers, 5 out of 7) (5 * 2marks)
Q. 1 (B) Short Note (1out of 2) (1* 4marks)
Q.2. (A) Attempt any three (3 out of 5) (3*3marks)
Q. 2 (B) Descriptive question (1 out of 2 ) ( $1 * 5$ marks)
Q. 3 (A) Short Notes (3 * 4marks)
Q. 3 (B) Questions on finding errors or output of given code (2 out of 3) (2*1marks)
Q. 4 Attempt any four (4 out of 5) (4*3.5marks)
Q. 5 Questions on writing Java programs (2 out of 4) (2*7marks)

# BCA502-E-Commerce 

Total Marks : 70, Duration : THREE Hours
Passing standard: $\mathbf{2 5}$ Marks

* There are four questions.
* Each question carries equal marks (i.e. 14)

Total Marks: 70
Q. 1 (A) Answer any 10 ( 10 out of 12 ) ( 10 * 1marks)
Q. 1 (B) Short Note (1* 4marks)
Q.2. (A) Attempt any three (out of 5) (3*3marks)
Q. 2 (B) Short note (1*5marks)
Q. 3 (A) Answer any two (2 out of 3) ( $2 * 4$ marks)
Q. 3 (B) Answer any two (2 out of 3 ) ( $2 * 3$ marks)
Q. 4 (A) Descriptive question (1 out of 2 ) ( $1 * 5$ marks)
Q. 4 (B) Attempt any three (3 out of 4) (3* 3marks)
Q. 5 (A) Descriptive question ( $1 * 5$ marks)
Q. 5 (B) Attempt any three (3 out of 4) (3* 3marks)

# BCA503 - Data and Communication Networks <br> Total Marks : 70, Duration : THREE Hours <br> Passing standard: $\mathbf{2 5}$ Marks 

* There are four questions.
* Each question carries equal marks (i.e. 14)

Total Marks: 70
Q. 1 (A) Answer any 10 ( 10 out of 12) (10 * 1marks)
Q. 1 (B) Short Note (1* 4marks)
Q.2. (A) Attempt any three (out of 5) (3*3marks)
Q. 2 (B) Short note (1*5marks)
Q. 3 (A) Answer any two (2 out of 3) ( $2 * 4$ marks)
Q. 3 (B) Answer any two (2 out of 3) ( $2 * 3$ marks)
Q. 4 (A) Descriptive question (1 out of 2 ) ( 1 * 5marks)
Q. 4 (B) Attempt any three (3 out of 4) (3* 3marks)
Q. 5 (A) Descriptive question ( 1 * 5marks)
Q. 5 (B) Attempt any three (3 out of 4) (3* 3marks)

# BCA504-Object Oriented Technologies <br> Total Marks : 70 , Duration : THREE Hours <br> Passing standard: 25 Marks 

* There are four questions.
* Each question carries equal marks (i.e. 14)

Total Marks: 70
Q. 1 (A) Answer any five (two or three line answers, 5 out of 7) (5 * 2marks)
Q. 1 (B) Short Note (1* 4marks)
Q.2. (A) Attempt any two (out of 5) ( $2 * 2.5$ marks)
Q. 2 (B) Detailed Question of Diagram (1*9marks)
Q. 3 (A) Answer any two (2 out of 3) (2 * 4marks)
Q. 3 (B) Answer any two (2 out of 3 ) ( $2 * 3$ marks)
Q. 4 (A) Descriptive question (1 out of 2) ( $1 * 5$ marks)
Q. 4 (B) Attempt any three (3 out of 5) (3* 3marks)
Q. 5 (A) Descriptive question (1 out of 2 ) ( $1 * 5$ marks)
Q. 5 (B) Attempt any three (3 out of 5) (3* 3marks)

