END TERM EXAMINATION

FOURTH SEMESTER [BCA] MAY 2017

Paper Code: BCA-206	Subject: Java programming
Time: 3 Hours	Maximum Marks: 75
Note: Attempt any five questions including Q no. 1 which is compulsory.	
Answer the following:- (a) What is type casting? Illustrate we Automatic type promotion. (b) What is delegation event model? (c) Discuss the uses of 'throw' and 'throw (d) Explain the different uses of 'super' ke (e) Explain the lifecycle of an applet.	vs' keywords.
(a) Explain why the main function is deconstruction (String args[])"?(b) List and explain any 8 Java buzzword (c) List and explain the OOP principles.	(4)
Q3 (a) Explain the concept of abstract classes (a) What is a Package? Discuss with suit in creating and using packages.	
Q4 (a) What are interfaces? What are their is a class that implements interfaces. (b) Write a Java class called as Sav AccountNo and Balance. If withdrawAmount() functions. If user than his balance, then throw a User I	vingsAccount with members a Provide depositAmount() & r tries to withdraw more mone
Q5 (a) Explain the different ways of creating (b) How shared object can be protected for	
Q6 (a) Bring out the differences between a example. (b) Discus various layout managers avail	(6)
Q7 (a) Write a program to illustrate BufferedOutputStream. (b) Compare byte stream class and characteristics.	(6)
Write short notes on the following:- (a) JDBC architecture (b) Adapter classes (c) Applets and comparison with applica (d) Check box and choice list	(3) (3) (3) (3.5)