

17 MAR 2019

Seat No _____

Third Year BCA Examination – March, 2019

Subject : Java Programming

Time : 3 Hours

Paper No : 303

Subject Code:8896

Marks:100

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- Q-1** A) Write a note on java buzzwords. **10**
B) Explain for and while loop with example. **10**
OR
- Q-1** A) Explain OOP concept: Abstraction, Encapsulation & Polymorphism. **10**
B) What is array? Explain in detail. **10**
- Q-2** A) Explain Thread lifecycle in detail. **10**
B) How to create your own custom exception? **10**
OR
- Q-2** A) How is multiple inheritances implemented in java? **10**
B) What is package? How to create package? **10**
- Q-3** A) Explain random access file in detail. **10**
B) Write a java program that will read and write a string in file. **10**
OR
- Q-3** A) What is serialization? Explain in detail. **10**
B) Write a java program that will create a bca.txt file and input 5 students name and print it. **10**
- Q-4** A) Explain different states of applet. **10**
B) Create an applet that will print a simple message on x=20 y=15 coordinates. **10**
OR
- Q-4** A) Write a note on Event delegation model. **10**
B) Explain applet life cycle. **10**
- Q-5** A) Explain frame class with all its constructor. **10**
B) Explain any 5 graphics method with example. **10**
OR
- Q-5** A) Write a note on Scrollbar control. **10**
B) Explain font class in detail. **10**