

- 9 APR 2019

B.Sc. (IT) Semester-6 Examination

March/April 2019

Paper: 604 : OOP Using Java

Code: -21705

Time 2 Hours 30 minutes

Total Marks: 70

---

Q-1[a]	Explain any 7 basic OOP concepts in detail.	7
Q-1[b]	Write a detailed note on command line argument with example.	7
	OR	
Q-1[a]	Explain any 7 buzz words available in java.	7
Q-1[b]	Explain structure of Java programming.	7
Q-2[a]	Define inheritance. Discuss any 2 types of inheritance with example.	7
Q-2[b]	Explain garbage collection with finalize () method.	7
	OR	
Q-2[a]	Explain constructor with all its types.	7
Q-2[b]	Write a short note on run time polymorphism. (Dynamic Method Dispatch).	7
Q-3[a]	What is a necessity of interface? Explain with appropriate example.	7
Q-3[b]	Write a program that demonstrates use of multiple catch statement.	7
	OR	
Q-3[a]	Explain necessity of packages? Explain with appropriate example.	7
Q-3[b]	How you can handle exceptions in java- Elaborate.	7
Q-4[a]	Define Multithreading. Explain life cycle of a thread.	7
Q-4[b]	Explain synchronization.	7
	OR	
Q-4[a]	Discuss methods available to handle thread.	7
Q-4[b]	Explain thread priority with proper example.	7
Q-5[a]	Write a detailed note on stream classes.	7
Q-5[b]	Write a program that demonstrates how you can read & write bytes into files.	7
	OR	
Q-5[a]	Write a program that demonstrates how you can read & write into files as one by one character.	7
Q-5[b]	Explain serialization concept in java.	7