

FACULTY OF ENGINEERING**BE IV- Semester (CBCS) (CSE) (Main) Examination, May / June 2018****SUBJECT: OOP USING JAVA****TIME : 3HOURS****MAX. MARKS: 70**

Note : Answer All Questions from Part-A , & Any five Questions From Part-B

Part – A(20Marks)

1. Write a java program using this() to invoke current class constructor. 2M
2. Explain the significance of each word in public static void main(String args []) 2M
3. Discuss various methods used to create threads. 2M
4. Name some of the string handling methods. 2M
5. What are legacy classes? 2M
6. What is comparator? 2M
7. Explain the use of layout managers. 2M
8. What is event delegation model? 2M
9. Briefly discuss about serialization. 2M
10. Give an example of opening a file and print its content on the console. 2M

Part-B (50Marks)

- 11.(a) Explain the control statements used in JAVA 5M
 - (b) Explain how to create a package and import a package with suitable example. 5M
- 12.(a) What is object oriented development ?Discuss its advantages. 5M
 - (b) Give an example for declaring an array in JAVA and accessing it. 5M
- 13.(a) What is an Exception? Explain how exceptions are handled in JAVA with suitable example. 5M
 - (b) What is synchronization? Explain with example. 5M
- 14.(a) Use comparator interface in collecting framework to sort a list of names in ascending order. 5M
 - (b) Explain the different iterators used for accessing the elements with example. 5M
- 15.(a) Explain the usage of grid layout. 5M
 - (b) Explain the steps involved in creation and handling of menus. 5M
- 16.(a) Write a java program to print last n lines of a given text file. 5M
 - (b) Discuss briefly about java I/O classes. 5M
17. Write short notes
 - (a) Interface. 4M
 - (b) String Tokenizer 3M
 - (c) Hashmap. 3M
