

MCA 3rd Semester Current (CBCS Scheme)**w.e.f. Dec.2017-18 Examination,****November-2019****OBJECT TECHNOLOGY****Paper-17MCA33C5***Time allowed : 3 hours]**[Maximum marks : 80*

Note : There shall be nine questions. Question No. 1 will be compulsory and in addition to the compulsory question, students have to attempt four more questions selecting one from each unit. All questions shall carry equal marks.

1. (a) What is final keyword ? 8×2=16
(b) What do you mean by Process-based Multitasking?
(c) What do you mean by iterative statement ?
(d) What is Exception object ?
(e) What are random access file ?
(f) What is synchronization ?
(g) What is Array ?
(h) What is Static variable ?

Unit-I

2. How JAVA become popular language ? How byte-code play important role in JAVA ? Explain the characteristics of Java with example. 16

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3. (a) How String Buffer class differ from String class ? Explain with any five methods of String Buffer and String. 12
- (b) What is Automatic Garbage Collection ? Explain with example. 4

Unit-II

4. How Package important in Java ? What are types of package ? Explain with example by taking two user define package then import class from each package Java file. 16
5. (a) Why Multiple Inheritance replace with Interface in JAVA ? Explain with example. 10
- (b) How to make abstract class? Explain with example. 6

Unit-III

6. How Multithreading make JAVA as different language ? What is life cycle of a Thread ? Explain with any five inbuilt methods using suitable example. 16
7. Why applet is not pure Java component ? How applet differ from main() method ? Explain the life cycle of applet with any four inbuilt methods. 16

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Unit-IV

8. How AWT classes are heavy components ? Explain any inbuilt AWT classes and methods with example. 16
9. How works various components in graphics ? What are various control working with AWT ? Explain with example. 16