



- Notes :
1. All questions carry equal marks.
 2. Due credit will be given to neatness and adequate dimensions.
 3. Assume suitable data wherever necessary.

1. a) Explain different parameter passing methods with suitable program code. **8**
b) Write a program to find whether no is palindrome or not **8**
OR
2. a) Describe left shift and right shift operators in java with program code? **8**
b) Write a program to demonstrate use of switch statement. **8**
3. a) Explain following with respect to thread. **8**
a) Start b) Run
c) Notify d) Suspend
b) How package differ from Interface? Explain it with a suitable program. **8**
OR
4. a) Explain user defined exception handling mechanism with program. **8**
b) Write a program that prints numbers from 1 to 10 line by line after 6 seconds. **8**
5. a) Write a program for passing parameter to the applet. **8**
b) How do applet differ from application? Explain with program. **8**
OR
6. a) Give difference between init() and start () methods with example. **8**
b) Write a program for handling keyboard events. **8**
7. a) State & explain different types of files with an example. **8**
b) Write a program to count the number of characters in a file using file reader class. **8**
OR
8. a) Discuss file stream classes with an example. **8**
b) Write a Java program to illustrate RandomAccessFile Handling. **8**
9. a) Explain net package with program. **8**
b) Write a program to load a document from a URL into a browser. **8**
OR
10. a) Distinguish TCP/IP programming with UDP programming with example. **8**
b) Explain following terms with example. **8**
a) CORBA b) JAVADOC
