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Chapter 1

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|---|---|---|
| 1 | Give the names of top class of all classes in java and the top package which is the default package. | 2 |
| 2 | Java is not 100% pure object-oriented language. Comment with suitable example. | 7 |
| 3 | Write a program for taking the input from user from 1 to 3 and do the following :
(i) If the input is 1 call the default constructor
(ii) If the input is 2 call the constructor with two-integer parameter.
(iii) If the input is 3 call the constructor with string parameter default constructor should print "hi this is default constructor". Integer parameter constructor should print the multiplication of both the integers. String parameter constructor should print that particulate string message | 7 |
| 4 | Explain the concept of static and final with the help of example and also differentiate them in terms of memory updating. | 7 |

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Chapter 2

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|---|---|---|
| 1 | Give two uses of super in Java. | 2 |
| 2 | Differentiate between abstract class and interfaces with example. | 7 |
| 3 | Create a user-defined exception class which throws exception when the user input marks greater than 100
(takes marks for 5 subjects) otherwise print the total of marks. | 7 |
| 4 | Explain the concept of packages and show the access protection in packages. | 7 |

Chapter 3

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|---|---|---|
| 1 | Which exception is generated when thread is interrupted? | 2 |
| 2 | How many ways are there in Java for creating thread ? Explain the life cycle of threads. | 7 |
| 3 | Explain the difference between string and string buffer class and also explain some of the methods defined in string class. | 7 |
| 4 | Write a program in which a mythread class is created by extending thread class from main class. Create three objects of the mythread class and run them in run method print "csvtu" 10 times. Identify each thread by giving name to each thread. | 7 |

Chapter 4

1	Define the use of :getcodebase(), showdocument(), getdocumentbase().	2
2	Explain the applet tag with all its attributes and also explain applet skeleton.	7
3	Explain : (i) jdbc driver manager (ii) url (iii) whois	7
4	Write a program using inetaddress class and show the utility of url and url connection classes.	7

Chapter 5

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1	Define awt its class and its package.	2
2	Explain delegation event model.	7
3	Create a frame window using an applet.	7
4	Explain : (i) japplets (ii) rmi (iii) layout managers	7