Packagedy collections 48/0: Oop I hrough JAVA (1) Define a package. Write the advantages of packages? 1 what is closepath? (3) Explain creation, importing of a package with an example. (9) Explain about Object class with atteant 5 methods. B What is an Array List"? How it is different from a vector? 6 Define Vector clars en Explain about its methods with example. D Arrayclist Methods with a sample Program. (8) HarhMap and its Methods with an example Program. (9) what is the difference blu StringTolcenizer & Scanner class? 10 WAP to find the sum of an array of integers wing 11) what is file class of Explain its methods using a Program (12) Define au 1/0 stream. What are the Differences bin Character Stream & Byte Stream? (13) WAP lo Merge the Contents of two files using Character 19 wap to copy the contents of one file to another using - lyte stream (charactér stream) classes. (14) WAP to Count the no of characters, words, spaces & lines in a given Mp file. (18) Define Serialization. What is the use of Buffered Reader in Java? Exception Harding & MultiThreading: (17) Explain Exception Handling Mechaniem in Java with a suitable Example. (8) Nusted Try Blocks with an example. (1) Checled be unchecled Exceptions. 6 Differences blu Fre throw's Throws clauses? (21) WAP to create a user Defined Exception.

- (22) Define a Thread. What is the difference bh Prouse based multitaring and Thread lased multitasing.
- (23) Explain creation en dunning of threads using

a) using Thread class 6) Implementing Runnable Interface.

- (24) Explain Thread life Cycle Methoch.
- (25) How to Ket thread Priorities? What it a Daemon Thread?
- (26) What is Thread Synchronization? Explain with a Program.
- (27) what is the use of Inter Thread & Communication over synchronization?
- (28) Explain Inter thread Communication with the Producer-Consump
- c) jornes. (29) Explain a) sleeper &) is Alive()

## Swings

- (30) Differences 6th AWT Applet en Swings.
- (31) WAP to create sample Frame living Stoings.
- (32) Layout Managers Advantages Explain a) Border Layout 6) Grid Layout
- (33) How to Draw text on Swhy Applets?
  (34) What is an Adaplet clarker? what is the use?
- (35) WAP 10 Simplement Mouse Event using Adapter clarge
- (36) "Key Events "
  (37) Explain Delegation Event-Model In Swings.
- (38) Create a simple swing application being Ilabel and JT-xfflett
- (39) Distinguish Socket and forversocket along its metiods.
- (40) Warile a Client Server program that client sends a number, then the server should network the factorial of that number which is neceived from the client.

41) What is Inet Address? Eseplain Inet Address class methods with a lample Program. without windjut conj. really boards por 11 Ca makering famound putiennelput or d. Astronomy all months unly a rethe often and the first padernet beautiful for the story and professional analysis in Extraction; But I was haded in risky miles voncerne is. I man to the great suffer inflicting Tro low Michany Defendent with all all a land to the state of the second Charles Charles and Compare Compared Burney 10 -1 1910 Porta int 1 converter for record proved amore alforest more of the fire and alike of the milital angular of the problem by the JAM 1 grant rate that and I would with the tomas francis believes to the of the first of solver of the so worthwill have table from midestrate private stands or there? and and office of the following Lab with the public construence of water live by heart many or of various life. It is a strictly where the literature is not and the second of the second o