**Duration.: 90 to 180 Minutes**

Write a menu driven shell script to do the following operations for Mobile Connections

(i) Creation of File

(ii) Bonus Calculation

(iii) Report

(iv) Exit

**(i) Creation Of File :** This module is used to create file named

“Mobile.txt” with the following fields separated by “:” as a delimiter CustID: AgentID:

GSM Name: Mobile Number: NumberOf Connections: Bonus and do the necessary

validations for the above mentioned fields **(i.e., CustID must be an Alpha Numeric**

**Value, GSM Name should be either Airtel or Hutch or BSNL or Spice, Number of**

**Connections and Bonus should be null initially).**

For Eg:

**CustID : AgentID : GSM Name : Mobile Number : NumberOf Con :Bonus**

100 : 1245 : Airtel : 9888000012 : :

101 : 2468 : Hutch : 9886123456 : :

102 : 1245 : Airtel : 9888000212 : :

103 : 1245 : Airtel : 9888000213 : :

104 : 2468 : Hutch : 9886223456 : :

**(ii) Bonus Calculation :**  This module has to make the total number of

connections made by each and every agent and calculate the bonus amount for the

agent as per the below mentioned criteria for each connection the agent will get 500

as a bonus amount for him

For Eg:

**CustID : AgentID : GSM Name : Mobile Number : NumberOf Con :Bonus**

100 : 1245 : Airtel : 9888000012 : 1 : 500

101 : 2468 : Hutch : 9886123456 : 1 : 500

102 : 1245 : Airtel : 9888000212 : 2 : 1000

103 : 1245 : Airtel : 9888000213 : 3 : 1500

104 : 2468 : Hutch : 9886223456 : 2 : 1000

**(iii) Report :** This module has to display all the records of an agent

who made maximum number of connections.