**ASSIGNMENT NO- 1**

import java.util.\*;

public class Employee

{

public static void main(String[] args) { **//Driver Class**

Scanner sc=new Scanner(System.in);

int eng\_marks=0;

int mat\_marks=0;

int gk\_marks=0;

int remaining=3;

int eng\_attempt=0;

int mat\_attempt=0;

int gk\_attempt=0;

System.out.println("Online examination !!!");

do{

System.out.println("Enter the section you want to enter" );

System.out.println("1. English 2.Maths 3.GK");

System.out.println("--------------------------------------------------------") ;

int choice=sc.nextInt();

switch(choice){

case 1: if(eng\_attempt==0){

System.out.println("Welcome to English section");

System.out.println("Here are your questions - All the Best"); **// English section**

System.out.println("Fill in the blanks with correct word");

System.out.println("1. Extreme old age when a man behaves like a fool \_\_\_\_\_\nA. Imbecility \nB. Senility \nC. Dotage\nD.Superannuation");

sc.nextLine();

String ch=sc.nextLine();

if(ch.equals("C"))

{

eng\_marks+=10;

System.out.println("your Answer is Correct");

}

else

{

System.out.println("your Answer is Wrong");

}

System.out.println("--------------------------------------------------------") ;

System.out.println("Fill in the blanks with correct word");

System.out.println("2. I eat\_\_\_\_\_ apple everyday\nA. the \nB. an \nC. a\nD.is");

String ch1=sc.nextLine();

if(ch1.equals("B"))

{

eng\_marks+=10;

System.out.println("your Answer is Correct");

}

else

{

System.out.println("your Answer is Wrong");

}

System.out.println("--------------------------------------------------------") ;

System.out.println("Fill in the blanks with correct verb");

System.out.println("3. \_\_\_\_\_\_\_\_\_ run if you feel tired.\nA. Mustn't\nB. don't have to \nC. shouldn't\nD.don't");

String ch2=sc.nextLine();

if(ch2.equals("D"))

{eng\_marks+=10;

System.out.println("Your Answer is Correct");

}

else

{

System.out.println("Your Answer is Wrong");

}

System.out.println("This section completed successfully");

eng\_attempt++;

remaining--;

break;

}

else{

System.out.println("You Have already visited this section");

break;

}

case 2: if(mat\_attempt==0){

System.out.println("--------------------------------------------------------") ;

System.out.println("Welcome to Maths section"); **// Maths section**

System.out.println("Here are your questions - All the Best");

System.out.println("choose the correct option");

System.out.println("1. QAR, RAS, SAT, TAU, \_\_\_\_\_?\nA. TAS\nB. TAT\nC. UAT\nD. UAV");

sc.nextLine();

String ch=sc.nextLine();

if(ch.equals("D"))

{

mat\_marks+=10;

System.out.println("your Answer is Correct");

}

else

{

System.out.println("your Answer is Wrong");

}

System.out.println("--------------------------------------------------------") ;

System.out.println("Fill in the blanks with correct word");

System.out.println("2. If South-East becomes North, North-East becomes West and so on. What will West become\_\_\_?\nA. North-East\nB. North-West \nC. South-East\nD. South-West");

String ch1=sc.nextLine();

if(ch1.equals("C"))

{

mat\_marks+=10;

System.out.println("your Answer is Correct");

}

else

{

System.out.println("your Answer is Wrong");

}

System.out.println("--------------------------------------------------------") ;

System.out.println("choose the right option");

System.out.println("3.Pointing to a photograph of a boy Suresh said, He is the son of the only son of my mother. How is Suresh related to that boy?\nA. Brother\nB. Uncle\nC. Cousin\nD.Father");

String ch2=sc.nextLine();

if(ch2.equals("D"))

{

mat\_marks+=10;

System.out.println("Your Answer is Correct");

}

else

{

System.out.println("Your Answer is Wrong");

}

System.out.println("This section completed successfully");

mat\_attempt++;

remaining--;

break;

}

else

{

System.out.println("You Have already visited this section");

break;

}

case 3: if(gk\_attempt==0){

System.out.println("--------------------------------------------------------") ;

System.out.println("Welcome to GK section");

**// GK section**

System.out.println("Here are your questions - All the Best");

System.out.println("choose the correct option");

System.out.println("1. For which of the following disciplines is Nobel Prize awarded?\nA. Physics and Chemistry\nB. Physiology or Medicine\nC. Literature, Peace and Economics\nD. All of the above");

sc.nextLine();

String ch=sc.nextLine();

if(ch.equals("D"))

{

gk\_marks+=10;

System.out.println("your Answer is Correct");

}

else

{

System.out.println("your Answer is Wrong");

}

System.out.println("--------------------------------------------------------") ;

System.out.println("Fill in the blanks with correct word");

System.out.println("2. Hitler party which came into power in 1933 is known as\_\_\_?\nA. Labour Party\nB. Nazi-Party \nC. Ku-Klux-Clan\nD. Democratic Party");

String ch1=sc.nextLine();

if(ch1.equals("B"))

{

gk\_marks+=10;

System.out.println("your Answer is Correct");

}

else

{

System.out.println("your Answer is Wrong");

}

System.out.println("--------------------------------------------------------") ;

System.out.println("choose the right option");

System.out.println("3.Galileo was an Italian astronomer who?\nA. developed the telescope\nB. discovered four satellites of Jupiter\nC. discovered that the movement of pendulum produces a regular time measurement\nD. All of the above");

String ch2=sc.nextLine();

if(ch2.equals("D"))

{

gk\_marks+=10;

System.out.println("Your Answer is Correct");

}

else

{

System.out.println("Your Answer is Wrong");

}

System.out.println("This section completed successfully");

gk\_attempt++;

remaining--;

break;

}

else

{

System.out.println("You Have already visited this section");

break;

}

default:System.out.println("Wrong choice entered");

}

if(remaining!=0){

System.out.println("Do you want to continue with the unfinished section??\n 1. Yes\n2. No");

int response=sc.nextInt();

switch(response){

case 1:System.out.println("Yes");

break;

case 2:System.out.println("No");

if(eng\_attempt==0||mat\_attempt==0||gk\_attempt==0){

System.out.println("Please make sure to complete the exam.");

}

break;

default:System.out.println("Please select a suitable response.");

}

}

else{

System.out.println("Exam is successfully completed.Thank you!!!");

}

}while(remaining!=0);

int final\_result=0;

int total\_marks=0;

System.out.println("--------------------------------------------------------");

System.out.println("Marks obtained in English section "+ eng\_marks);

System.out.println("Marks obtained in Maths section "+ mat\_marks); **// Marks calculation section**

System.out.println("Marks obtained in GK section "+ gk\_marks);

total\_marks=eng\_marks+mat\_marks+gk\_marks;

System.out.println("Total Marks obtained in Exam "+ total\_marks);

if(total\_marks>70){

final\_result= total\_marks+=10;

System.out.println("Final Marks calculated "+ final\_result);

}

System.out.println("--------------------------------------------------------");

if(total\_marks>=90)

{

System.out.println("Hurray!! congrats you are hired"); **// Final Result Section**

}

else{

System.out.println("Sorry, not qualified. You can try next time,Good Luck");

}

}

}