Daffodil International University Spring 2021

Teacher Initial: TAB

Department of Computer Science and Engineering Midterm Open Book Examination Answer Script

> Full Marks: 25 Allowed, Time: 2:30 hrs. Date: Sunday 7, March 2021

General Information (must be filled by the student)				
COURSE CODE:	CSE132	SECTION: PC_I	PROGRAM: DAY	
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STUDENT ID:	201-15-3053	TIME STARTED:	9 AM TIME ENDED: 11:30 AM	

201-15-3053(PC_I)

^{**} Plagiarism will be checked while you submit your response. You are advised to be honest during the open book exam.

Student ID:

** Plagiarism will be checked while you submit your response. You are advised to be honest during the open book exam.

Name: Totayel Ahmed ID: 201-15-3053 (PC-I)

Ans to the que no-1

1/ Frenanally Java not support multiple inheritance without intentace By the Intentace we can mutiple inderple possible creating interace class and implement by subclass. Example, class Airplame 11 Not support class care class flying care extends Airplame, care

	TD: Rol-15-3063 (PC-I)
	interface Aireplane
Hipk	If Germandly Java not support my
fastri s	intentice can 71 Supponted
bus.	Melo seating interace older
	implement by subolaws.
	class flying care implements Airiplane, care
	turoggos ton s
	James are
	Alama our extends amplane care

```
Ans to the puno-2
pubic class vacation
                              31659
Private String name;
                        11 Atributes
Private int day;
Private int namof Vacation;
private string month;
.vacation (string n, int d, int nv, string m)
       Ename = n; 7/Sétting value by
        day = d;
        name of Vacation = nv.
        month = m ,
```

```
public Static void main (String angs[])
Scanner SC = new Scanner (System in);
String n = sc.nextLine();
int d = sc. nextInt(); 11taking inpat
int nv = sc. nextInt();
 String m = sc. nextline();
 vacation VI = new vacation();
  vacation vT = new vacation (n, d, nv, m);
```

Ams 25 MA public bool Same Name (vacation obj), vacation obj; public bool if (0bJ1. name = = 0bJ2. Name) return true, else { neturn false;

In this method it has two vacationty, parameter. calling this method it takes obil and obJ2 object and company name ObJ1 == 0 of the object. After Endeng condition lit's neturn true otherwise it returned take. Ans of the & import Java. utill /sparmer; Public voidint edleafat « Vacation () Scanner se freu geanner (Syxtemin) numotvagation = sc. nextInt(); int percentage = names vacation

In their method it has two vacation calling this method it takes oball an Ansto the que no 20 est do public void calealatevacation () import Java utill. Seannen; Scanner Sc= new Scanner (545 temis); numotracation = sc. next Int(); int pencantage = num of vacation * 8/100; Italtion posmostupertomen tox int percentent - montracation

Ans to the guno- 3a company name: Strung - reg-no: int - type: Storing emploce(); string Khoa Rtypay 6177 LL Salariid parety 7 Emplose salanpscale: int hoarly payed emp-Id: inf Emp-name: String int designation: String hourely Implec Salanied Frankly silvey seale void sette int salary scale int -int geten: Wroid getter() roid Setten (empn: Strip, reg-Idint 5 efter (sking m, emin

Am to the que no- 3b class company System out . Printy (namer Private String name; private int sug-no; Private inf string type; Private coint emplie public setter (Stringn, intrestning +) 11 AV 40 9 name = n; type = t;

public groid getter public void getten () "System.out. Print (namet" "+ "+ neg-no" + & n + tabe); pairate int mag-nos class Emploce Provate & int emp-id; private string emp-name, Privat & storing designation;

Employee Pablic setten (inte, Staingn, g stringd) Private emp-Id= e; private name = n; private designation = d; electrolog tri void set salary cirt galary 5 employees Employeesystem.out. Prientem (emp-ID+"+ name+ if (bet the entroye extend); 3 System. out. pointn (em-Ib+" "+ nene + " " + d); intentace salaryscale

class thouchy is class Salaried Employee extends Emplox et acts implements salary so int salaryscale void set salary (int Salary) salan scale = salany; intériface { hourly payment; } class hrainly employé extends employee implements noarly pasmet, void settertits) { & salany = s;

void getter System. out. printer (salary);