

VARANASI PUBLIC SCHOOL BANGALIPUR, RAJATALAB, VARANASI

Pre Board - I Examination (2022-23)

CLASS- XII

COMPUTER SCIENCE WITH PYTHON

Max. Marks: 70

Time Allowed: 3 Hours

General Instructions:

- 1. This question paper contains five sections, Section A to E.
- 2. All questions are compulsory.
- 3. Section A has 18 questions carrying O1 mark each.
- 4. Section B has 07 Very Short Answer type questions carrying 02 marks each.
- 5. Section C has 05 Short Answer type questions carrying 03 marks each.
- 6. Section D has 03 Long Answer type questions carrying 05 marks each.
- 7. Section E has O2 questions carrying O4 marks each.
- **8.** All programming questions are to be answered using Python Language only.

Q.No.		SECT	TION - A		Marks
1	Which of these in no	t a core data type	?		1
	a. Lists	b. Dictionary	c. Tuples	d. Class	
2	Given a function that	t does not return a	any value, What valu	ie is thrown by	1
	default when execute	ed in shell?			
	a. int	b. boolean	c. void	d. None	
3	Following set of com	mands are execut	ed in shell, what wi	ll be the output?	1
	>>>str="hello	п			
	>>>str[:2]				
	>>>				
	a. <mark>he</mark>	b. lo	c. olleh	d. hello	
4	What data type is the	object below?			1
	L = [1, 23, 'hello',	1].			
	a. list	b. dictionary	c. array	d. tuple	
5	In order to store valu	es in terms of key	and value we use w	vhat core data type.	1
	a. list	b. dictionary	<mark>c.</mark> array	d. tuple	
6	What is the output of	the following?			1
	x = ['ab', 'cd']				
	for i in x:				
	i.upper()				
	print(x)				
	a. ['ab', 'cd']	b. ['AB			
	c. [None, None]		e of the mentioned		
7	What is the output w	hen following stat	ement is executed?		1
	>>>"a"+"bc"				
	a. a	b. bc	c. bca	d. <mark>abc</mark>	

8	What arithmetic operators cannot be used with strings?	1
	a. + b. * c. – d. All of the mentioned	
9	What is the output of the following?	1
	print("xyyzxyzxzxyy".count('yy'))	
	a. 2 b. 0 c. error d. none of the mentioned	
10	Process of removing errors called	1
	a. Error Free b. Debug c. Syntax Error d. Exception	
11	Which of the following commands will create a list?	1
	a. list1 = list() b. list1 = []	
	c. list1 = list([1, 2, 3]) d. all of the mentioned	
12	The statement in SQL which allows to change the definition of a table is	1
	a. Alter b. Update c. Create d. select	
13	Which of the following is the use of function in python?	1
10	a. Functions are reusable pieces of programs	
	b. Functions don't provide better modularity for your application	
	c. you can't also create your own functions	
	d. All of the mentioned	
14	DNS is the abbreviation of	1
	a. Dynamic Name System b. Dynamic Network System	
	c. Domain Name System d. Domain Network Service	4
15	What is the output of below program?	1
	def cube(x): return x * x * x	
	x = cube(3)	
	print x	
	a.9 b.3 c.81 d.27	
16		1
	To open a file c:\scores.txt for reading, we use	
	a) infile = open("c:\scores.txt", "r")	
	b) infile = open("c:\\scores.txt", "r")	
	c) infile = open(file = "c:\scores.txt", "r")	
	d) infile = open(file = "c:\\scores.txt", "r")	
045 1		
-	18 are ASSERTION AND REASONING based questions. Mark the correct choice as) Both A and R are true and R is the correct explanation for A	
-	b) Both A and R are true and R is not the correct explanation for A	
-) A is True but R is False	
(d) A is false but R is True	
17	Assertion (A):- Process of inserting an element in stack is called Push.	1
	Reasoning (R):- In a stack, if a user tries to remove an element from empty stack	
	it is called overflow.	
	Answer : C	

18	Assertion (A):- Database commands are not case sensitive. Reasoning (R):- While creating database in MYSQL, we use commands to perform some fundamental tasks. The MYSQL makes no difference whether you type the commands in lowercase or upper case while creating databases. Answer : A	1
	SECTION – B	
19	Rewrite the following code after removing the syntactical errors (if any). Underline each correction. def chksum: x= input ("Enter a number") if (x%2 = 0): for i range(2*x): print i loop else: print "#" Answer :- def chksum(): x= input("Enter a number") if (x%2 == 0): for i in range(2*x): print i else: print "#" (½ mark for each correction) (1 mark to be given if only the errors are identified)	2
20	Mention one advantage and one disadvantage of optical fiber cable in context of	2
	transmission media. Answer : - Advantage: - It is flexible , bends easily and resists most corrosive elements that attack copper cable . The raw materials for glass are plentiful, unlike copper. This means glass can be made more cheaply than copper. Disadvantage: -The optical fibers are difficult to splice, and there are loss of the light in the fiber due to scattering. Or What is network switching? Write any two types of network switching. Answer:- Switching in IT and computer networking is the transfer of data packets, or blocks of data, through a network switch . Switches transfer data from source ports on devices such as computers to destination ports on devices such as routers. There are two types of switching: circuit switching and packet switching .	

21		1
21	(a) Given is a Python string declaration:	1
	Mystring="@@ILoveToPrograminPython@@"	
	Write the output of: print(Mystring [2:18])	
	Answer:-	
	ILoveToProgramin	1
	(b) Write the output of the code given below:	
	$D = \{"ID": "E001", "Name": "Rajiv Singh"\}$	
	D['Age'] = 25 D['Address'] = "Delhi"	
	print(D.items())	
	Answer:-	
	('ID','E001')(('Name',' Rajiv Singh') ('Age',25) ('Address',' Delhi')	
22		2
	What is the role of UNIQUE constraint? How is PRIMARY KEY constraint	
	different from UNIQUE constraint?	
	Answer:- Role of UNIQUE constraint-	
	The UNIQUE constraint ensures that all values in a column are different. Both the UNIQUE	
	and PRIMARY KEY constraints provide a guarantee for uniqueness for a column or set of	
	columns.	
	The difference between a UNIQUE constraint and a Primary Key is that per table you may	
	only have one Primary Key but you may define more than one UNIQUE constraints.	
	Primary Key constraints are not nullable. UNIQUE constraints may be nullable.	
23	(a) Write the full forms of the following:	1
	(i) POP - Post Office Protocol	
	(ii) GPS - Global Positioning System	1
	(b) What is HTTP? - Hypertext Transfer Protocol	
24		2
	Predict the output of the Python code given below:	
	x=1	
	def fun1(): Answer:-	
	x=3 4	
	x=x+1 3	
	print(x)	
	def fun2():	
	global x	
	x=x+2	
	print(x)	
	fun1()	
	fun2()	
	OR	

	Predict the	e output of the Py	thon code given belo	w:			
	stri	ng1 = input ("Ent	er a string : -")				
	_		"in reverse order is	:")			
		gth = len(string1)					
	for	a in range(-1, (-le					
	Answer:-	print (string1	[a] <i>)</i>				
		ing : -"Python"					
		on" in reverse ord	er is:				
	n						
	0						
	h t						
	y y						
	P						
05							2
25		te between LOWI te example.	ER() and UPPER() f	unctio	ons in SQI	² with	2
	Answer:-	te example.					
		tring input value	and converts the cha	aracte	ers to upp	ercase versions	
		.	t capitalises a string				
	Tunction	unverts a string	to lowercase. It's th	ie opp	posite of t	he UPPER	
	function.	onverts a string	to lowercase. It's th	ie opp	oosite of t	he UPPER	
	function.	-	OR			he UPPER	
	function. Categorize	e the following cor	OR nmands as DDL, DM			he UPPER	
	function. Categorize	e the following cor	OR			he UPPER	
	function. Categorize	e the following cor	OR nmands as DDL, DM			he UPPER	
26	function. Categorize INSERT (I	e the following cor OML), CREATE (D	OR nmands as DDL, DM <mark>DL), COMMIT(TCL)</mark> SECTION – C	L & T(CL:	he UPPER	1+2
26	function. Categorize INSERT (I	e the following cor DML), CREATE (D er the following ta	OR nmands as DDL, DM DL), COMMIT(TCL)	L & T(CL:	he UPPER	1+2
26	function. Categorize INSERT (I (a) Consid Table: DEF	e the following cor DML), CREATE (D er the following ta	OR nmands as DDL, DM <mark>DL), COMMIT(TCL)</mark> SECTION – C	L & T(CL:	he UPPER	1+2
26	function. Categorize INSERT (I (a) Consid Table: DEF	e the following cor OML), CREATE (D er the following ta PT DCODE	OR nmands as DDL, DM DL), COMMIT(TCL) SECTION – C ables – DEPT and W	L & T(CL:		1+2
26	function. Categorize INSERT (I (a) Consid Table: DEF	e the following cor DML), CREATE (D er the following ta PT DCODE D01	OR nmands as DDL, DM DL), COMMIT(TCL) SECTION – C ables – DEPT and W DEPARTMENT	L & T(CL: R:		1+2
26	function. Categorize INSERT (I (a) Consid Table: DEF	e the following cor DML), CREATE (D er the following ta PT DCODE D01 D02	OR nmands as DDL, DM DL), COMMIT(TCL) SECTION – C ables – DEPT and W DEPARTMENT MEDIA	L & T(CL: R: DELHI	СІТУ	1+2
26	function. Categorize INSERT (I (a) Consid Table: DEF	e the following cor DML), CREATE (D er the following ta PT DCODE D01 D02 D03	OR nmands as DDL, DM DL), COMMIT(TCL) SECTION – C ables – DEPT and W DEPARTMENT MEDIA MARKETING	L & T(CL: R: DELHI DELHI	СІТҮ	1+2
26	function. Categorize INSERT (I (a) Consid Table: DEF	e the following cor DML), CREATE (D er the following ta PT DCODE D01 D02 D03 D04	OR nmands as DDL, DM DL), COMMIT(TCL) SECTION – C ables – DEPT and W DEPARTMENT MEDIA MARKETING INFRASTRUCTURE	L & T(CL: R: DELHI DELHI MUMBAI	CITY	1+2
26	function. Categorize INSERT (I (a) Consid Table: DEF	e the following cor DML), CREATE (D er the following ta PT DCODE D01 D02 D03 D04 D05	OR nmands as DDL, DM DL), COMMIT(TCL) SECTION – C ables – DEPT and W DEPARTMENT MEDIA MARKETING INFRASTRUCTURE FINANCE	L & T(CL: R: DELHI DELHI MUMBAI KOLKATA	CITY	1+2
26	function. Categorize INSERT (I (a) Consid Table: DEH	e the following cor DML), CREATE (D er the following ta PT DCODE D01 D02 D03 D04 D05	OR nmands as DDL, DM DL), COMMIT(TCL) SECTION – C ables – DEPT and W DEPARTMENT MEDIA MARKETING INFRASTRUCTURE FINANCE	L & T(CL: R: DELHI DELHI MUMBAI KOLKATA	CITY	1+2
26	function. Categorize INSERT (I (a) Consid Table: DEF	e the following cor DML), CREATE (D er the following ta PT DCODE D01 D02 D03 D04 D05 RKER	OR nmands as DDL, DM DL), COMMIT(TCL) SECTION - C ables - DEPT and Wa DEPARTMENT MEDIA MARKETING INFRASTRUCTURE FINANCE HUMAN RESOURCE	L & T(CL: R: DELHI DELHI MUMBAI KOLKATZ MUMBAI	CITY	1+2

1	.003	Ramesh Sahu	2014-02-20	Male	D03
1	.004	Anamika	2012-08-15	Female	D04
1	.005	Ambar	2008-12-29	Female	D05

What will be the output of the following statement? SELECT * FROM DEPT NATURAL JOIN WORKER;

Answer:-

WNO	NAME	DOJ	GENDER	DCODE	DEPARTMENT	CITY
1001	Anil Jha	2013-09-12	Male	D01	MEDIA	DELHI
1002	Rakesh Jain	2011-10-23	Male	D02	MARKETING	DELHI
1003	Ramesh Sahu	2014-02-20	Male	D03	INFRASTRUCTURE	MUMBAI
1004	Anamika	2012-08-15	Female	D04	FINANCE	KOLKATA
1005	Ambar	2008-12-29	Female	D05	HUMAN RESOURCE	MUMBAI

(b) Write the output of the queries (i) to (iv) based on the table, COURSE given below:

Table: COURSE

				L
CID	CNAME	FEES	STARTDATE	TID
C101	BBA	55000	2021-06-14	101
C102	BCA	60000	2020-06-15	102
C103	B PHARMA	80000	2022-06-16	103
C104	MBA	75000	2022-06-19	101
C105	MCA	80000	2021-06-18	NULL
C106	M PHARMA	95000	2023-06-17	103

(i) SELECT DISTINCT TID FROM COURSE;

TID
101
102
103
NULL

(ii) SELECT TID, COUNT(*), MIN(FEES) FROM COURSE GROUP BY TID HAVING COUNT(TID)>1;

TID	COUNT(*)	MIN(FEES)
101	2	55000

(iii) SELECT CNAME FROM COURSE WHERE FEES>75000 ORDER BY CNAME;

CNAME B PHARMA MCA M PHARMA

95000; Answer:-82500	
Write a method in python to read lines from a text file MYNOTES.TXT and	
display those lines, which are starting with an alphabet 'K'.	
Answer:-	
<pre>def display():</pre>	
<pre>file=open('MYNOTES.TXT','r')</pre>	
<pre>line=file.readline()</pre>	
while line:	
if line[0]=='K' :	
print line	
<pre>line=file.readline()</pre>	
file.close()	
Or	
Write a method in python to read lines from a text file INDIA.TXT to find and	
display the occurrence of the word "India".	
INDIA.TXT	
"India is the fastest growing economy. India is looking for more investment	
around the globe. The whole world looking at India as a great market. Most of	
the Indians can foresee the heights that India is capable of reaching."	
Answer:-	
<pre>def display1():</pre>	
count = 0	
<pre>file = open("INDIA.TXT","r")</pre>	
<pre>file = open("INDIA.TXT","r") for LINE in file:</pre>	
<pre>for LINE in file: Words = LINE.split()</pre>	
<pre>for LINE in file: Words = LINE.split() for W in Words:</pre>	
<pre>for LINE in file: Words = LINE.split() for W in Words: if W == "India":</pre>	
<pre>for LINE in file: Words = LINE.split() for W in Words: if W == "India": count = count + 1</pre>	
<pre>for LINE in file: Words = LINE.split() for W in Words: if W == "India":</pre>	

RollNo	Name	Class	DOB	Gender	City	Marks	
1	Nanda	x	06-06-1995	М	Agra	551	
2	Saurabh	XII	07-05-1993	М	Mumbai	462	
3	Sanal	XI	06-05-1994	F	Delhi	400	
4	Trisla	XII	08-08-1995	F	Mumbai	450	
5	Stort	XII	08-10-1995	М	Delhi	369	
6	Marisla	XI	12-12-1994	F	Dubai	250	
7	Neha	x	08-12-1995	F	Moscow	377	
8	Nishant	x	12-06-1995	М	Moscow	489	
2		Mu	mbai				
	nt(*)	City					
2		Del					
2		Ма	lascow				
	SELECT M (DOB) 2-1995	IAX(DOB), I	MIN(DOB) FI MIN(DOB) 07-05-199		DENT;		
(iii)		AME, GENI	DER FROM S	ΓUDENT V	VHERE CITY	′ = "Delhi";	
NAM			GENDER				
Sana	ıl		F				
Stor	t		Μ				
					J		
rite a p	orogram to i	nput two li	sts and displ	ay the max	ximum elem	ent from the	
ements	of both the	lists comb	ined, along w	vith its ind	ex in its list.		
nswer	:-						
		- ("Entar	Tict 1")			
+1		. "Enter	List 1")	1			
			List 2")	1			

```
if mx1>=mx2:
          print(mx1,"the maximum value in is in the list 1 at
      index ",lst1.index(mx1))
      else:
          print(mx2,"the maximum value in is in the list 2 at
      index ",lst2.index(mx2
                                        0r
      Write a program to find the second largest number of a list of numbers.
      Answer:-
      def secondMax(list1):
           list1.sort() #sort ascending order
           return list1[len(list1)-2] # second last element is
      second largest
      list1 = [12, 322, 31, 43, 54, 76, 87]
      print(secondMax(list1))
30
      Write a function in PUSH(Lst) Python, where Lst is a set of numbers. From this
                                                                                3
      list, push all numbers divisible by 5 into a stack implemented by using a list.
      Display the stack if it has atleast one element, otherwise display appropriate
      error message.
       Answer:
       def PUSH(Arr):
            stack=[]
            for i in range(0,len(Arr)):
                 if Arr[i]%5==0:
                      stack.append(Arr[i])
            if len(stack)==0:
                 print("Stack is Empty")
            else:
                 print(stack)
                                       Or
```

Write a function in Python POP(Stk), where Stk is a stack implemented by a list of numbers. If no element in the stack, then display a message "Stack Underflow !", otherwise the function returns the last element detected from the stack.

number of computers, which are required to be connected in a network for communication, data and resource sharing. As a network consultant of this company, you have to suggest the best network related solutions for them for 5

```
Answer:-
```

```
SIZE = 10
S = [0]*(SIZE+1) #to initialize the list
top = 0
def is_empty():
if top==0:
 return True
return False
def push(x):
global top
top = top+1
if top>SIZE:
print("Stackoverflow")
else:
  S[top] = x
def pop():
global top
if is_empty():
 print("Stackunderflow")
else:
 top = top-1
 return S[top+1]
if __name__ == '__main__':
pop()
push(10)
push(20)
push(30)
push(40)
push(50)
push(60)
push(70)
push(80)
push(90)
push(100)
push(110)
print(S[1:SIZE+1])
                              SECTION – D
Pratush Infotech, an Bangalore based IT training company, is planning to set up
training centers in various cities in next 5 years. Their first campus is coming up
in Mysore district. At Mysore campus, they are planning to have 3 different
blocks for Digital Marketing, Bulk SMS and Hosting Servers. Each block has
```

31



	 iii) Suggest the best wired medium and draw the cable layout (Block to Block) to economically connect various blocks within the Mysore Campus. Answer:-Ethernet Cable Layout: 						
	Digital Marketing Hosting Servers Bulk SMS						
	 iv) Suggest the placement of the following devices with appropriate reasons: a. Switch / Hub - Switch/hub will be placed in all blocks to have connectivity within the block. b. Repeater Repeater is not required between the blocks as the distances are less than 100 mts. e) Suggest a protocol that shall be needed to provide Video Conferencing 						
	solution between Mysore Campus and Bangalore Campus. Protocol: VolP						
32	(a) Write the output of the code given below: def Display(str): m="" for i in range(0,len(str)): if(str[i].isupper()): m=m+str[i].lower() elif str[i].islower(): m=m+str[i].upper() else: if i%2==0: m=m+str[i-1] else: m=m+"#" print(m) Display('Welcome!@Python') Answer : wELCOME#!pYTHON	2+3					

(b) The code given below inserts the following record in the table Employee:	
EmpNo – integer	
EmpName – string Post – integer	
Salary – integer	
Note the following to establish connectivity between Python and MYSQL:	
Username is MYPC	
Password is MYLOGIN The table exists in a MYSQL database named Employee.	
The details (Employee No, Employee Name, Post and Salary) are to be accepted	
from the user.	
Write the following missing statements to complete the code:	
Statement 1 – to form the cursor object Statement 2 – to execute the command that inserts the record in the table	
Employee.	
Statement 3- to add the record permanently in the database	
import mysql.connector as mysql	
def sql_data():	
<pre>con1=mysql.connect(host="localhost",user="MYPC", password="MYLOGIN",</pre>	
database="Employee")	
mycursor= #Statement 1	
Empno=int(input("Enter Employee Number :: "))	
Empname=input("Enter Employee name :: ")	
Post=int(input("Enter Post :: "))	
Salary=int(input("Enter Salary :: "))	
querry="insert into Employee	
values({},'{}',{},{})".format(Empno,Empname,post,salary)	
#Statement 2	
# Statement 3	
print("Data Added successfully")	
Answer: -	
Statement 1: conl.cursor()	
Statement 2: mycursor.execute("insert into employee values(Empno,	
Empname, Post, Salary)	
Statement 3:	
mycursor.fetchall()	

33	What are CSV File Format and its advantage for permanent storage?	5					
	Write a Program in Python that defines and calls the following user defined functions:						
	(i) ADD() – To accept and add data of an student to a CSV file 'Sudent_record.csv'. Each record consists of a list with field elements as stdid, name and mobile to store student id, student name and student mobile respectively.						
	(ii) COUNTR() – To count the number of records present in the CSV file named 'Student_record.csv'.						
	Answer:- A CSV (comma-separated values) file is a text file that has a specific						
	format which allows data to be saved in a table structured format.						
	Advantage of a csv file:						
	1. It is human readable – can be opened in Excel and Notepad applications						
	2. It is just like text file						
	Program: import csv						
	<pre>def ADD():</pre>						
	<pre>fout=open("record.csv","a",newline="\n")</pre>						
	wr=csv.writer(fout)						
	<pre>empid=int(input("Enter Employee id :: "))</pre>						
	<pre>name=input("Enter name :: ")</pre>						
	<pre>mobile=int(input("Enter mobile number :: "))</pre>						
	<pre>lst=[empid,name,mobile]1/2 mark</pre>						
	wr.writerow(lst)1/2 mark						
	<pre>fout.close()</pre>						
	def COUNTR():						
	<pre>fin=open("record.csv","r",newline="\n")</pre>						
	data=csv.reader(fin)						
	d=list(data)						
	<pre>print(len(d))</pre>						
	<pre>fin.close()</pre>						
	ADD()						
	COUNTR()						
	OR						

Write the difference between a binary file and a csv file.

Write a Program in Python that defines and calls the following user defined functions:

(i) add() – To accept and add data of an employee to a CSV file 'sales.csv'. Each record consists of a list with field elements as sid, pname and pprice to store product id, product name and product price respectively.

(ii) search()- To display the records of the product whose price is more than 10000.

Answer:

A text file consists of human readable characters, which can be opened by any text editor. On the other hand, binary files are made up of non-human readable characters and symbols, which require specific programs to access its contents.

import csv

def add():

fout=open("sles.csv","a",newline='\n')

wr=csv.writer(fout)

sid=int(input("Enter Sales Id :: "))

pname=input("Enter Product name :: ")

pprice=int(input("Enter Product price :: "))

FD=[sid,pname,pprice]

wr.writerow(FD)

fout.close()

def search():

```
fin=open("furdata.csv","r",newline='\n')
```

data=csv.reader(fin)

found=False

print("The Details are")

for i in data:

if int(i[2])>10000:

found=True

```
print(i[0],i[1],i[2])
```

if found==False:

print("Record not found")

fin.close()

add()

print("Now displaying")

search()

0.4				SECTION –	E			
34	Write SQL Commands for the following (a) to (e) [any four] based on the							2+2
	relation Teacher given below:							
	T_ID	Name	Age	Department	Date_of_Join	Salary	Gender	
	T01	Aman	34	Computer Science	10/01/2017	12000	M	
	T02	Suman	31	History	24/03/2008	20000	F	
	T03	Sandeep	32	Mathematics	12/12/2016	30000	M	
	T04	Moumita	35	History	01/07/2015	40000	F	
	T05	Raman	42	Mathematics	05/09/2007	25000	M	
	T06	Kaushik	50	History	27/06/2008	30000	M	
	T07	Shivam	44	Computer Science	25/02/2017	21000	М	
	T08	Chandana	33	Mathematics	31/07/2018	20000	F	
	 (a) SELECT * FROM Teacher WHERE Department= "History"; (b) SELECT Name FROM Teacher WHERE Department= "Mathematics" AND Gender= 'F; (c) SELECT Name FROM Teacher ORDER BY Date_of_Join; (d) SELECT Name, Salary, Age FROM Teacher WHERE Gender='M'; (e) SELECT Name, Salary*0.1 AS Bonus FROM Teacher; 							
	(c) SH (d) SH	ELECT Name ELECT Name ELECT Name	FROM FROM , Salary	Teacher WHERE Depar Teacher ORDER BY D Age FROM Teacher V	tment= "Mathema Date_of_Join; WHERE Gender=		O Gender= 'F';	
35	This is contain He now and up temp.da the file to be dia 1.	a binary fi s 10 records has to upd date the sa at. The reco temp.dat. If splayed.	FROM FROM Salary Salary le reco s. late a r lary. T rds wh the em expert	Peacher WHERE Depart Teacher ORDER BY L Age FROM Teacher W 0.1 AS Bonus FROM ord.dat with employ record based on the he updated record nich are not to be u uployee id is not four , help him to complet	tment= "Mathema Date_of_Join: MHERE Gender= Teacher: yeeid, ename a e employee id o is then to be pdated also ha nd, an appropri	M; and sala entered writter ave to be iate mes	ry. The file by the user in the file written to sage should	4

rec= #Statement 3	
if rec["Employee id"]==eid:	
found=True	
rec["Salary"]=int(input("Enter new salary :: "))	
pickle #Statement 4	
else:	
pickle.dump(rec,fout)	
except: break	
if found==True:	
print("The salary of employee id ",eid," has been updated.")	
else:	
print("No employee with such id is not found")	
fin.close()	
fout.close()	
(i) Which module should be imported in the program? (Statement 1)	
(ii) Write the correct statement required to open a temporary file named	
temp.dat. (Statement 2)	
(iii) Which statement should fill in Statement 3 to read the data from the binary	
file, record.dat and in Statement 4 to write the updated data in the file,	
temp.dat?	
(i) Which module should be imported in the program? (Statement 1) Ans: pickle	
(ii)Write the correct statement required to open a temporary file named	
temp.dat for writing the updated data. (Statement 2)	
Ans: fout=open('temp.dat', 'wb')	
(iii) Which statement should Aman fill in Statement 3 to read the data from the	
binary file, record.dat and in Statement 4 to write the updated data in the	
file, temp.dat?	
Ans: Statement 3: pickle.load(fin)	
Anc: Statement 4: pickle dump(reg fourt)	
Ans: Statement 4: pickle.dump(rec,fout)	