

CBSE Additional Practice Question Paper
Class: XII Session: 2023-24
Computer Science (083)

Time allowed: 3 Hours

Maximum Marks: 70

General Instructions:

- Please check this question paper contains 35 questions.
- The paper is divided into 5 Sections- A, B, C, D and E.
- Section A, consists of 18 questions (1 to 18). Each question carries 1 Mark.
- Section B, consists of 7 questions (19 to 25). Each question carries 2 Marks.
- Section C, consists of 5 questions (26 to 30). Each question carries 3 Marks.
- Section D, consists of 2 questions (31 to 32). Each question carries 4 Marks.
- Section E, consists of 3 questions (33 to 35). Each question carries 5 Marks.
- All programming questions are to be answered using Python Language only.

Q No.	Questions Section-A (18 Marks)	Marks
1	Which of the following is an invalid identifier to be used in Python? a. per% marks b. _for c. While d. true	1
2	What is the correct way to add an element to the end of a list in Python? a. list.add(element) b. list.append(element) c. list.insert(element) d. list.extend(element)	1
3	What will be the output of <code>print("Welcome To My Blog"[2:6] + "Welcome To My Blog"[5:9])</code> a. Lcomme b. lcomme T c. lcomme To d. lcomme	1
4	Which of the following statements is false? a. A try-except block can have more than one except statement b. One block of except statement cannot handle multiple exceptions c. The finally block is always executed d. When <code>1 == "1"</code> is executed, no exception is raised	1
5	Which of the following statement(s) would give an error during the execution of the following code? <code>R = {'pno':52,'pname':'Virat', 'expert':['Badminton','Tennis'], 'score':(77,44)}</code> <code>print(R)</code> #Statement 1	1

	<pre>R['expert'][0]='Cricket' #Statement 2 R['score'][0]=50 #Statement 3 R['pno']=50 #Statement 4</pre> <p>a. Statement 1 b. Statement 2 c. Statement 3 d. Statement 4</p>	
6	<p>Which pickle module method is used to write a Python object to a binary file?</p> <p>a. save() b. serialize() c. store() d. dump()</p>	1
7	<p>Given the following dictionaries</p> <pre>dict_student = {"rno" : "53", "name" : 'Rajveer Singh'} dict_marks = {"Accts" : 87, "English" : 65}</pre> <p>Which statement will append the contents of dict_marks in dict_student?</p> <p>a. dict_student + dict_marks b. dict_student.add(dict_marks) c. dict_student.merge(dict_marks) d. dict_student.update(dict_marks)</p>	1
8	<p>Which of the following is not a component of the math module in Python?</p> <p>a. ceil() b. mean() c. fabs() d. pi</p>	1
9	<p>What will be the output of the following code?</p> <pre>L=["One , Two", "Three", "Four"] print(len(L)/2*len(L[0]))</pre> <p>a. 6.5 b. 13 c. 13.5 d. 6.0</p>	1
10	<p>Expand the following terms:</p> <p>(i) PPP (ii) VoIP</p>	1
11	<p>Which SQL operator performs pattern matching?</p> <p>a. BETWEEN operator b. LIKE operator c. EXISTS operator d. =</p>	1

12	<p>Which Python function is used for displaying only one result set from SQL table in a database?</p> <p>a. fetch1() b. fetchno() c. fetchall() d. fetchone()</p>	1
13	<p>Which of the following file opening mode in Python, generates an error if the file does not exist?</p> <p>a. a b. r c. w d. w+</p>	1
14	<p>The correct syntax of seek() is:</p> <p>a. file_object.seek(offset [, reference_point]) b. seek(offset [, reference_point]) c. seek(offset, file_object) d. seek.file_object(offset)</p>	1
15	<p>Which of the following statements is false?</p> <p>a. SMTP and POP protocols are used in email communication. b. URL of a page is not always the same as its domain name. c. HTTPS is safer than HTTP. d. Interlinking of collection of webpages is called Internet.</p>	1
16	<p>Fill in the blank: _____ protocol provides access to services hosted on a remote computer.</p> <p>a. FTP b. PPP c. Telnet d. SMTP</p>	1
	<p>Q17 and 18 are ASSERTION AND REASONING based questions. Mark the correct choice as (a) 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 (c) A is True but R is False (d) A is false but R is True</p>	
17	<p>Assertion (A): For changes made to a variable defined within a function to be visible outside the function, it should be declared as global. Reasoning (R): Variables defined within a function are local to that function by default, unless explicitly specified with the global keyword.</p>	1
18	<p>Assertion (A): A binary file in python is used to store collection objects like lists and dictionaries that can be later retrieved in their original form using pickle module.</p>	1

	Reasoning (A): Binary files are just like normal text files and can be read using a text editor like Notepad.	
Q No.	Questions Section-B (14 Marks)	Marks
19	Write two advantages and two disadvantages of circuit switching. OR Differentiate between Web server and web browser. Write the names of any two web browsers.	2
20	Rewrite the following code in Python after removing all the syntax errors. Underline each correction done in the code. <pre>num1, num2 = 10, 45 While num1 % num2 == 0 num1+= 20 num2+= 30 Else: print('hello')</pre>	2
21	Write a function dispBook(BOOKS) in Python, that takes a dictionary BOOKS as an argument and displays the names in uppercase of those books whose name starts with a consonant. For example, Consider the following dictionary <pre>BOOKS = {1:"Python", 2:"Internet Fundamentals ", 3:"Networking ", 4:"Oracle sets", 5:"Understanding HTML"}</pre> The output should be: PYTHON NETWORKING OR Write a Python Program containing a function FindWord(String, SEARCH), that accepts two arguments : STRING and SEARCH, and prints the count of occurrence of SEARCH in STRING. Write appropriate statements to call the function. For example, if STRING = "Learning history helps to know about history with interest in history" and SEARCH = 'history', the function should display The word history occurs 3 times.	2
22	What will be the output of the following code? <pre>L = [5,10,15,1] G = 4 def Change(X): global G N=len(X) for i in range(N): X[i] += G Change(L) for i in L: print(i,end='\$')</pre>	2

23	<p>Write a suitable Python statement for each of the following tasks using built-in functions/methods only:</p> <ul style="list-style-type: none"> i To delete an element Mumbai:50 from Dictionary D. ii To display words in a string S in the form of a list <p style="text-align: center;">OR</p> <p>Write a Python Program to display alternate characters of a string my_str. For example, if my_str = "Computer Science" The output should be Cmue cec</p>	2																																																																						
24	<p>Differentiate between % (percentage) and _(underscore) characters used with the LIKE operator in SQL with appropriate examples.</p> <p style="text-align: center;">OR</p> <p>Differentiate between DROP and DELETE commands in SQL with appropriate examples.</p>	2																																																																						
25	<p>Consider the following two commands with reference to a table, named Employee having a column named <i>Department</i>:</p> <ul style="list-style-type: none"> (a) Select count(Department) from Employee; (b) Select count(*) from Employee; <p>If these two commands are producing different results,</p> <ul style="list-style-type: none"> (i) What may be the possible reason? (ii) Which command (a) or (b) might be giving a higher value? 	2																																																																						
Q No	<p>Questions Section-C (15 Marks)</p>	Marks																																																																						
26	<p>(a) Consider the table, BOOK and MEMBER given below:</p> <p>TABLE : BOOK</p> <table border="1" data-bbox="358 1467 1243 1698"> <thead> <tr> <th>CODE</th> <th>BNAME</th> <th>TYPE</th> </tr> </thead> <tbody> <tr> <td>F101</td> <td>The priest</td> <td>Fiction</td> </tr> <tr> <td>L102</td> <td>Easy Python</td> <td>Programming</td> </tr> <tr> <td>C101</td> <td>Juman Ji</td> <td>Thriller</td> </tr> <tr> <td>F102</td> <td>Untold Story</td> <td>Fiction</td> </tr> <tr> <td>C102</td> <td>War Stories</td> <td>Comic</td> </tr> </tbody> </table> <p>Table: MEMBER</p> <table border="1" data-bbox="440 1779 1159 1938"> <thead> <tr> <th>MNO</th> <th>MNAME</th> <th>CODE</th> <th>ISSUEDATE</th> </tr> </thead> <tbody> <tr> <td>M101</td> <td>SNEH SINHA</td> <td>L102</td> <td>2022-10-13</td> </tr> <tr> <td>M103</td> <td>SARTHAK</td> <td>F102</td> <td>2021-02-23</td> </tr> <tr> <td>M102</td> <td>SARA KHAN</td> <td>C101</td> <td>2022-06-12</td> </tr> </tbody> </table> <p>What will be the output of the following statement? SELECT * FROM BOOK NATURAL JOIN MEMBER;</p> <p>(b) Write the output of the queries (i) to (iv) based on the table Table: Employee</p> <table border="1" data-bbox="289 2179 1287 2411"> <thead> <tr> <th>EID</th> <th>Name</th> <th>DOB</th> <th>DOJ</th> <th>Salary</th> <th>Project</th> </tr> </thead> <tbody> <tr> <td>E01</td> <td>Ranjan</td> <td>1990-07-12</td> <td>2015-01-21</td> <td>150000</td> <td>P01</td> </tr> <tr> <td>E02</td> <td>Akhtar</td> <td>1992-06-21</td> <td>2015-02-01</td> <td>125000</td> <td>P04</td> </tr> <tr> <td>E03</td> <td>Muneera</td> <td>1996-11-15</td> <td>2018-08-19</td> <td>135000</td> <td>P01</td> </tr> <tr> <td>E04</td> <td>Alex</td> <td>1991-10-25</td> <td>2018-10-19</td> <td>75000</td> <td>P02</td> </tr> <tr> <td>E05</td> <td>Satyansh</td> <td>1993-12-16</td> <td>2018-10-19</td> <td>85000</td> <td>P04</td> </tr> </tbody> </table>	CODE	BNAME	TYPE	F101	The priest	Fiction	L102	Easy Python	Programming	C101	Juman Ji	Thriller	F102	Untold Story	Fiction	C102	War Stories	Comic	MNO	MNAME	CODE	ISSUEDATE	M101	SNEH SINHA	L102	2022-10-13	M103	SARTHAK	F102	2021-02-23	M102	SARA KHAN	C101	2022-06-12	EID	Name	DOB	DOJ	Salary	Project	E01	Ranjan	1990-07-12	2015-01-21	150000	P01	E02	Akhtar	1992-06-21	2015-02-01	125000	P04	E03	Muneera	1996-11-15	2018-08-19	135000	P01	E04	Alex	1991-10-25	2018-10-19	75000	P02	E05	Satyansh	1993-12-16	2018-10-19	85000	P04	3
CODE	BNAME	TYPE																																																																						
F101	The priest	Fiction																																																																						
L102	Easy Python	Programming																																																																						
C101	Juman Ji	Thriller																																																																						
F102	Untold Story	Fiction																																																																						
C102	War Stories	Comic																																																																						
MNO	MNAME	CODE	ISSUEDATE																																																																					
M101	SNEH SINHA	L102	2022-10-13																																																																					
M103	SARTHAK	F102	2021-02-23																																																																					
M102	SARA KHAN	C101	2022-06-12																																																																					
EID	Name	DOB	DOJ	Salary	Project																																																																			
E01	Ranjan	1990-07-12	2015-01-21	150000	P01																																																																			
E02	Akhtar	1992-06-21	2015-02-01	125000	P04																																																																			
E03	Muneera	1996-11-15	2018-08-19	135000	P01																																																																			
E04	Alex	1991-10-25	2018-10-19	75000	P02																																																																			
E05	Satyansh	1993-12-16	2018-10-19	85000	P04																																																																			

	<p>i SELECT NAME, PROJECT FROM EMPLOYEE ORDER BY NAME DESC; ii SELECT NAME, SALARY FROM EMPLOYEE WHERE NAME LIKE 'A%'; iii SELECT NAME, DOJ FROM EMPLOYEE WHERE SALARY BETWEEN 100000 AND 200000; iv SELECT * FROM EMPLOYEE WHERE PROJECT = 'P01';</p>																																																						
<p>27</p>	<p>(a) Consider the following tables – FACULTY and COURSES :</p> <p>Table: FACULTY</p> <table border="1" data-bbox="415 526 1187 717"> <thead> <tr> <th>FID</th> <th>FNAME</th> <th>LNAME</th> <th>JOINDATE</th> <th>SALARY</th> </tr> </thead> <tbody> <tr> <td>F01</td> <td>Anishma</td> <td>Garg</td> <td>2000-12-14</td> <td>32000</td> </tr> <tr> <td>F03</td> <td>Bhumi</td> <td>Goel</td> <td>2001-08-10</td> <td>15000</td> </tr> <tr> <td>F04</td> <td>Neha</td> <td>Verma</td> <td>2000-05-17</td> <td>27000</td> </tr> <tr> <td>F05</td> <td>Meenu</td> <td>Sharma</td> <td>2006-07-11</td> <td>30000</td> </tr> </tbody> </table> <p>Table: COURSES</p> <table border="1" data-bbox="461 798 1141 1067"> <thead> <tr> <th>C_ID</th> <th>FID</th> <th>CNAME</th> <th>FEES</th> </tr> </thead> <tbody> <tr> <td>C11</td> <td>F01</td> <td>Grid Computing</td> <td>40000</td> </tr> <tr> <td>C12</td> <td>F04</td> <td>Python</td> <td>17000</td> </tr> <tr> <td>C13</td> <td>F03</td> <td>C++</td> <td>8000</td> </tr> <tr> <td>C14</td> <td>F04</td> <td>Computer Network</td> <td>15000</td> </tr> <tr> <td>C15</td> <td>F01</td> <td>HTML</td> <td>12000</td> </tr> <tr> <td>C16</td> <td>F05</td> <td>Data Science</td> <td>NULL</td> </tr> </tbody> </table> <p>What will be the output of the following statement?</p> <p>i SELECT FID, MIN(FEES), MAX(FEES) FROM COURSES GROUP BY FID; ii SELECT AVG(SALARY) FROM FACULTY WHERE FNAME LIKE '%a'; iii SELECT FNAME, CNAME FROM FACULTY F, COURSES C WHERE F.FID=C.FID AND COURSES.FID='F04'; iv SELECT FNAME, CNAME, FEES FROM FACULTY F, COURSES C WHERE F.FID = C.FID AND FEE>15000;</p> <p>(b) Write the name of the command to display the structure of a table in a database.</p>	FID	FNAME	LNAME	JOINDATE	SALARY	F01	Anishma	Garg	2000-12-14	32000	F03	Bhumi	Goel	2001-08-10	15000	F04	Neha	Verma	2000-05-17	27000	F05	Meenu	Sharma	2006-07-11	30000	C_ID	FID	CNAME	FEES	C11	F01	Grid Computing	40000	C12	F04	Python	17000	C13	F03	C++	8000	C14	F04	Computer Network	15000	C15	F01	HTML	12000	C16	F05	Data Science	NULL	<p>3</p>
FID	FNAME	LNAME	JOINDATE	SALARY																																																			
F01	Anishma	Garg	2000-12-14	32000																																																			
F03	Bhumi	Goel	2001-08-10	15000																																																			
F04	Neha	Verma	2000-05-17	27000																																																			
F05	Meenu	Sharma	2006-07-11	30000																																																			
C_ID	FID	CNAME	FEES																																																				
C11	F01	Grid Computing	40000																																																				
C12	F04	Python	17000																																																				
C13	F03	C++	8000																																																				
C14	F04	Computer Network	15000																																																				
C15	F01	HTML	12000																																																				
C16	F05	Data Science	NULL																																																				
<p>28</p>	<p>Write a function COUNT() in Python to read from a text file 'Gratitude.txt' and display the count of the letter 'e' in each line</p> <p>Example: If the file content is as follows:</p> <div data-bbox="404 1744 1138 1897" style="border: 1px solid black; padding: 5px;"> <p>Gratitude is a humble heart's radiant glow, A timeless gift that nurtures and bestows. It's the appreciation for the love we're shown, In moments big and small, it's truly known.</p> </div> <p>The COUNT() function should display the output as:</p> <p>Line 1 : 3 Line 2 : 4 Line 3 : 6 Line 4 : 1</p> <p style="text-align: center;">OR</p> <p>Write a function Start_with_I() in Python, which should read a text file 'Gratitude.txt' and then display lines starting with 'I'.</p> <p>Example: If the file content is as follows:</p> <div data-bbox="404 2319 1138 2472" style="border: 1px solid black; padding: 5px;"> <p>Gratitude is a humble heart's radiant glow, A timeless gift that nurtures and bestows. It's the appreciation for the love we're shown, In moments big and small, it's truly known.</p> </div>	<p>3</p>																																																					

Then the output should be
 It's the appreciation for the love we're shown,
 In moments big and small, it's truly known.

29 Navdeep creates a table RESULT with a set of records to maintain the marks secured by students in Sem1, Sem2, Sem3, and their divisions. After the creation of the table, he entered data of 7 students in the table.

ADNO	ROLLNO	SNAME	SEM1	SEM2	DIVISION
123	101	KARAN	366	410	I
245	102	NAMAN	300	350	I
128	103	ISHA	400	410	I
129	104	RENU	350	357	I
234	105	ARPIT	100	75	IV
187	106	SABINA	100	205	II
181	107	NEELAM	470	450	I

Based on the data given above answer the following questions:

- Identify the columns which can be considered as candidate keys?
- If 2 more columns are added and 3 rows are deleted from the table result, what will be the new degree and cardinality of the above table?
- Write a statement to increase the SEM2 marks by 3% for the students securing marks between 70 to 100.

30 Given a Dictionary `Stu_dict` containing marks of students for three test-series in the form `Stu_ID:(TS1, TS2, TS3)` as key-value pairs. Write a Python program with the following user-defined functions to perform the specified operations on a stack named `Stu_Stk`

(i) `Push_elements(Stu_Stk, Stu_dict)` : It allows pushing IDs of those students, from the dictionary `Stu_dict` into the stack `Stu_Stk`, who have scored more than or equal to 80 marks in the TS3 Test.

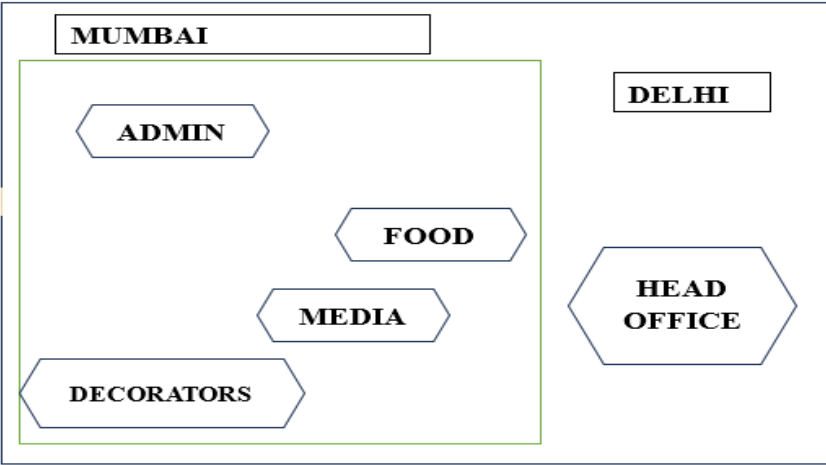
(ii) `Pop_elements(Stu_Stk)`: It removes all elements present inside the stack in LIFO order and prints them. Also, the function displays 'Stack Empty' when there are no elements in the stack.

Call both functions to execute queries.

For example:
 If the dictionary `Stu_dict` contains the following data:
`Stu_dict = {5:(87,68,89), 10:(57,54,61), 12:(71,67,90), 14:(66,81,80), 18:(80,48,91)}`

After executing `Push_elements()`, `Stk_ID` should contain `[5,12,14,18]`

After executing `Pop_elements()`, The output should be:
 18
 14
 12
 5
 Stack Empty

Q No.	Questions Section-D (8 Marks)	Marks																				
31	<p>Create a function maxsalary() in Python to read all the records from an already existing file record.csv which stores the records of various employees working in a department. Data is stored under various fields as shown below:</p> <table border="1" data-bbox="428 486 1174 680"> <thead> <tr> <th>E_code</th> <th>E_name</th> <th>Scale</th> <th>Salary</th> </tr> </thead> <tbody> <tr> <td>A01</td> <td>Bijesh Mehra</td> <td>S4</td> <td>65400</td> </tr> <tr> <td>B02</td> <td>Vikram Goel</td> <td>S3</td> <td>60000</td> </tr> <tr> <td>C09</td> <td>Suraj Mehta</td> <td>S2</td> <td>45300</td> </tr> <tr> <td>.....</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> </tbody> </table> <p>Function should display the row where the salary is maximum. Note: Assume that all employees have distinct salary.</p>	E_code	E_name	Scale	Salary	A01	Bijesh Mehra	S4	65400	B02	Vikram Goel	S3	60000	C09	Suraj Mehta	S2	45300	4
E_code	E_name	Scale	Salary																			
A01	Bijesh Mehra	S4	65400																			
B02	Vikram Goel	S3	60000																			
C09	Suraj Mehta	S2	45300																			
.....																			
32	<p>Consider a binary file 'INVENTORY.DAT' that stores information about products using tuple with the structure (ProductID, ProductName, Quantity, Price). Write a Python function expensiveProducts() to read the contents of 'INVENTORY.DAT' and display details of products with a price higher than Rs. 1000. Additionally, calculate and display the total count of such expensive products.</p> <p>For example: If the file stores the following data in binary format (1, 'ABC', 100, 5000) (2, 'DEF', 250, 1000) (3, 'GHI', 300, 2000) then the function should display Product ID: 1 Product ID: 3 Total expensive products: 2</p>	4																				
Q No.	Questions Section-E (15 Marks)	Marks																				
33	<p>Fun Media Services Ltd is an event planning organization. It is planning to set up its India campus in Mumbai with its head office in Delhi. The Mumbai campus will have four blocks/buildings - ADMIN, DECORATORS, FOOD, and MEDIA.</p> <p>You as a network expert need to suggest the best network-related solutions for them to resolve the issues/problems mentioned in points (i) to (v), keeping in mind the distances between various blocks/buildings and other given parameters.</p> 	5																				

Shortest distance between various buildings:

FROM – TO	DISTANCE
ADMIN TO DECORATORS	90 meters
ADMIN TO MEDIA	75 meters
ADMIN TO FOOD	50 meters
DECORATORS TO FOOD	65 meters
DECORATORS TO MEDIA	50 meters
FOOD TO MEDIA	45 meters
DELHI Head Office to MUMBAI Campus	1475 KM

The number of computers at various buildings is as follows:

BUILDING	NUMBER OF COMPUTERS
ADMIN	110
DECORATORS	75
MEDIA	12
FOOD	20

- i. Suggest the most appropriate location of the server inside the MUMBAI campus (out of the 4 buildings). Justify your answer.
- ii. Draw the cable layout to efficiently connect various buildings within the MUMBAI campus.
- iii. Which hardware device will you suggest to connect all the computers within each building?
- iv. Which of the following will you suggest to establish online face-to-face communication between the people in the Admin Office of the MUMBAI campus and the DELHI Head Office?
 - a. Cable TV
 - b. Email
 - c. Video Conferencing
 - d. Text Chat
- v. What type of network (out of PAN, LAN, MAN, WAN) will be set up in each of the following cases?
 - a. The Mumbai campus gets connected with the Head Quarter in Delhi
 - b. The computers connected in the MUMBAI campus

34

- i. Mention any two differences between seek() and tell().
 - ii. Consider a file FLIGHT.DAT containing multiple records. The structure of each record is as shown below:
[Fno, FName, Fare, Source, Destination]
Write a function COPY_REC() in Python that copies all those records from FLIGHT.DAT where the source is DELHI and the destination is MUMBAI, into a new file RECORD.DAT
- OR**
- i. Mention any two differences between binary files and csv files?
 - ii. Consider a Binary file BOOK.DAT containing a dictionary having multiple elements. Each element is in the form BNO: [BNAME, BTYPE, PRICE] as key:value pair where
BNO – Book Number
BNAME – Book Name
BTYPE - Book Type
PRICE – Book price

2+3=5

	<p>Write a user-defined function, <code>findBook(price)</code>, that accepts price as parameter and displays all those records from the binary file <code>BOOK.DAT</code> which has a book price more than or equal to the price value passed as a parameter.</p>	
<p>35</p>	<p>i. Define the term constraint with respect to RDBMS. Give a suitable example.</p> <p>ii. Sameera maintains a database named <code>STORE</code> which contains a table named <code>ITEM</code> with the structure given below:</p> <ul style="list-style-type: none"> • <code>Ino</code>(Item number)- integer • <code>Iname</code>(Item Name) – string • <code>Price</code> (Item Price) – float • <code>Discount</code> (Discount) – float <p>Note the following to establish connectivity between Python and MySQL:</p> <ul style="list-style-type: none"> • Username - root • Password - tiger • Host - localhost <p>Help her to remove the record from the table <code>ITEM</code> for a particular value of item name input by the user.</p> <pre>import mysql.connector as mysql con1= mysql.connect(host='localhost', user='root', password= '__', database='STORE') #Statement-1 mycursor = _____ #Statement-2 item_name = input("Enter the Item name to remove the record : ") query = _____ #Statement-3 mycursor.execute(query) con1._____ #Statement-4 print('Data Deleted successfully') con1.close()</pre> <p>With reference to the above code, answer the following questions</p> <ol style="list-style-type: none"> a) Complete statement 1 to establish the connection with the database. b) Write statement 2 to create the cursor object. c) Complete statement 3 to remove the record from the table <code>ITEM</code> based on the item name entered by the user d) Complete statement 4 to save the changes in the table. <p style="text-align: center;">OR</p> <p>i. Write one difference between the alternate key and the candidate key.</p> <p>ii. A table named <code>ITEM</code> is created in a database <code>STORE</code>. The table contains multiple columns whose details are as shown below:</p> <ul style="list-style-type: none"> • <code>Ino</code>(Item number)- integer • <code>Iname</code>(Item Name) – string • <code>Price</code> (Item Price) – float • <code>Discount</code> (Discount) – float <p>Note the following to establish connectivity between Python and MySQL:</p> <ul style="list-style-type: none"> • Username - root • Password - tiger • Host - localhost <p>However, the table is to be interfaced with Python to perform certain tasks. The incomplete code is given below:</p>	<p>5</p>

```

_____ #Line 1
con1= mysql.connect(host='localhost', user = 'root', password =
'tiger', database='STORE')
mycursor = con1._____ #Line 2
query = 'SELECT * FROM ITEM where Price > {}'.format(____) #Line3
mycursor.execute(query)
data = mycursor._____ #Line 4
for rec in data:
    print(rec)
con1.close()

```

- i. Complete line 1 to import the appropriate module.
- ii. Complete Line 2 to create the cursor object
- iii. Complete the query given in Line 3 to display details of all such items from the table ITEMS whose price is more than 5000.
- iv. Complete Line 4 to extract all the records.