

**K V ONGC AGARTALA**

**XII Computer IP Summer Holiday HW PART-1, Session: 2023-24**

**Dear students note all question and answer also**

Q No.	Question
1	State True or False <b>“Tuple is datatype in Python which contain data in key-value pair.”</b>
2	Which of the following is not a keyword? (A) eval (B) assert (C) nonlocal (D) pass
3	Given the following dictionaries <b>dict_student = {"rno" : "53", "name" : 'Rajveer Singh'}</b> <b>dict_marks = {"Accts" : 87, "English" : 65}</b> Which statement will merge the contents of both dictionaries? (A) dict_student + dict_marks (B) dict_student.add(dict_marks) (C) dict_student.merge(dict_marks) (D) dict_student.update(dict_marks)
4	Consider the given expression: not ((True and False) or True) Which of the following will be correct output if the given expression is evaluated? (A) True (B) False (C) NONE (D) NULL
5	Select the correct output of the code: <b>&gt;&gt;&gt; s='mail2kv@kvsangathan.kvs.in'</b> <b>&gt;&gt;&gt; s=s.split('kv')</b> <b>&gt;&gt;&gt; op = s[0] + "@kv" + s[2]</b> <b>&gt;&gt;&gt; print(op)</b> (A) mail2@kvsangathan (B) mail2@sangathan. (C) mail2@kvsangathan. (D) mail2kvsangathan.
6	Which of the following statement(s) would give an error after executing the following code? <b>D={'rno':32,'name':'Ms Archana','subject':['hindi','english','cs'],'marks':(85,75,89)} #S1</b> <b>print(D) #S2</b> <b>D['subject'][2]='IP' #S3</b> <b>D['marks'][2]=80 #S4</b> <b>print(D) #S5</b> (A) S1 (B) S3 (C) S4 (D) S3 and S4
7	What will the following expression be evaluated to in Python?

	<p><b>print ( round (100.0 / 4 + (3 + 2.55) , 1 ) )</b></p> <p>(A) 30.0 (B) 30.55</p> <p>(C) 30.6 (D) 31</p>
8	<p>(A) Given is a Python string declaration:</p> <p style="padding-left: 40px;"><b>message='FirstPreBoardExam@2022-23'</b></p> <p>Write the output of: <b>print(message[ : : -3].upper())</b></p> <p>(B) Write the output of the code given below:</p> <p style="padding-left: 40px;"><b>d1={'rno':25, 'name':'dipanshu'}</b></p> <p style="padding-left: 40px;"><b>d2={'name':'himanshu', 'age':30,'dept':'mechanical'}</b></p> <p style="padding-left: 40px;"><b>d2.update(d1)</b></p> <p style="padding-left: 40px;"><b>print(d2.keys())</b></p>
9	<p>Predict the output of the Python code given below:</p> <p><b>data=["L",20,"M",40,"N",60]</b></p> <p><b>times=0</b></p> <p><b>alpha=""</b></p> <p><b>add=0</b></p> <p><b>for c in range(1,6,2):</b></p> <p style="padding-left: 40px;"><b>times = times + c</b></p> <p style="padding-left: 40px;"><b>alpha = alpha + data [c-1] + "@"</b></p> <p style="padding-left: 40px;"><b>add = add + data[c]</b></p> <p style="padding-left: 40px;"><b>print (times, add, alpha)</b></p>
10	<p>Predict the output of the Python code given below:</p> <p><b>L=[1,2,3,4,5]</b></p> <p><b>Lst=[]</b></p> <p><b>for i in range(len(L)):</b></p> <p style="padding-left: 40px;"><b>if i%2==1:</b></p> <p style="padding-left: 80px;"><b>t=(L[i],L[i]**2)</b></p> <p style="padding-left: 40px;"><b>Lst.append(t)</b></p> <p><b>print(Lst)</b></p>
11	<p>Find the invalid identifier from the following</p> <p>a) Marks@12    b) string_12    c) _bonus    d)First_Name</p>
12	<p>Identify the valid declaration of Rec:</p> <p><b>Rec=(1,"Ashoka",50000)</b></p> <p>a) List    b) Tuple    c)String    d) Dictionary</p>
13	<p>Suppose a tuple Tup is declared as <b>Tup = (12, 15, 63, 80)</b> which of the following is incorrect?</p> <p>a) print(Tup[1])    b) Tup[2] = 90</p>



26	Identify the valid arithmetic operator in Python from the following. (a) //      (b) <      (c) or      (d) <>
27	If Statement in Python is __ (a) looping statement      (b) selection statement      (c) iterative      (d) sequential
28	Predict the correct output of the following Python statement – <b>print(4 + 3**3/2)</b> (a) 8      (b) 9      (c) 8.0      (d) 17.5
29	Choose the most correct statement among the following – (a) a dictionary is a sequential set of elements (b) a dictionary is a set of key-value pairs (c) a dictionary is a sequential collection of elements key-value pairs (d) a dictionary is a non-sequential collection of elements
30	Consider the string <b>state = "Jharkhand"</b> . Identify the appropriate statement that will display the last five characters of the string state? (a) <b>state [-5:]</b> (b) <b>state [4:]</b> (c) <b>state [:4]</b> (d) <b>state[:-4]</b>
31	What will be the output of the following lines of Python code? <b>if not False:</b> <b>print(10)</b> <b>else:</b> <b>print(20)</b> (a) 10      (b) 20      (c) True      (d) False
32	Find error in the following code(if any) and correct code by rewriting code and underline the correction;- <b>x= int("Enter value of x:")</b> <b>for in range [0,10]:</b> <b>if x=y</b> <b>print( x + y)</b> <b>else:</b> <b>print( x-y)</b>
33	Find output generated by the following code: <b>Str = "Computer"</b> <b>Str = Str[-4:]</b> <b>print(Str*2)</b>
34	Consider the following lines of codes in Python and write the appropriate output: <b>student = {'rollno':1001, 'name':'Akshay', 'age':17}</b> <b>student['name'] = "Abhay"</b> <b>print(student)</b>
35	Find output generated by the following code: <b>string="aabbcc"</b> <b>count=3</b> <b>while True:</b> <b>if string[0]=='a':</b> <b>string=string[2:]</b> <b>elif string[-1]=='b':</b> <b>string=string[:2]</b> <b>else:</b> <b>count+=1</b> <b>break</b> <b>print(string)</b> <b>print(count)</b>
36	Write a program that reads one lower and one upper number and display all prime numbers in between both the numbers.
37	Note blow mentioned program and note the output also.  # These are the program : regarding before or last  '''def replace_ending(st, subst, nst): l1=len(subst) print(" length of subst =",l1)

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l2=len(st)
print("length of st = ",l2)
s=st[l2-l1::]# l2 length-l1 lenth(12-3=6, start from 6 point)
# :: it is at last so it will start from last point
# means 6 se start hoker ke last tak jayega
print(" Contet of s = ", s)
if s==subst:
    newst=st[:l2-l1]+nst # l2 lenght -l1 lengh : it is at starting
    # means it will start from 0 to 5 only
    print("contents of newst = ", newst)
else:
    newst=st
return newst
print(replace_ending("abcxyzabc", "123", "xyz"))
print(replace_ending("abcxyzabc", "ABC", "xyz"))
print(replace_ending("abcxyzabc", "PQR", "xyz"))

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38 Note blow mentioned program and note the output also.

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'''def replace_ending(st, subst, nst):
    l1=len(subst)
    print(" length of subst =",l1)
    l2=len(st)
    print("length of st = ",l2)
    s=st[l2-l1::]# l2 length-l1 lenth(12-3=6, start from 6 point)
    # :: it is at last so it will start from last point
    # means 6 se start hoker ke last tak jayega
    print(" Contet of s = ", s)
    if s==subst:
        newst=st[:l2-l1]+nst # l2 lenght -l1 lengh : it is at starting
        # means it will start from 0 to 5 only
        print("contents of newst = ", newst)
    else:
        newst=st
    return newst
print(replace_ending("abcdefghi", "ghi", "xyz"))
print(replace_ending("jklmnopqr", "ABC", "xyz"))
print(replace_ending("stuvwxyz7", "yz7", "xyz"))
'''

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