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Worksheet

Subject :-Computer Science Std.: XII Topic: Revision Tour-I &II

Q1. What is None literal in Python?

Q2. Can List be used as keys of a dictionary?

Q3. What is a python variable? Identify the variables that are invalid and state the reason

Class, do, while, 4d, a+

Q.4 Predict the output

```
for i in range( 1, 10, 3):
    print(i)
```

Q5**.** Rewrite the code after correcting errors: -

```
if N=>0
print(odd)
else
Print("even")
```

Q6. What problem occurs with the following code

```
X=40
while X< 50 :
    print(X)
```

Q7. What will be the output of the following code snippet?

```
values =[ ]
for i in range (1,4):
    values.append(i)
    print(values)
```

Q8. Find output of the following code fragment.

```
x=”hello world”
print(x[:2],x[:-2],x[-2:])
```

```
print(x[6],x[2:4])
print(x[2:-3],x[-4:-2])
```

Q9. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
250 = Number
WHILE Number<=1000:
if Number=>750
print (Number)
Number=Number+100
else
print( Number*2)
Number=Number+50
```

Q10. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
Val = int(input("Value:"))
Adder = 0
for C in range(1,Val,3)
Adder+=C
if C%2=0:
Print (C*10)
Else:
print (C*)
print (Adder)
```

Q11. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
25=Val
for I in the range(0,Val)
if I%2==0:
print( I+1):
Else:
print [I-1]
```

Q12. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
STRING=""WELCOME NOTE""
for S in range[0,8]:
```

print (STRING(S))

Q12. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
a=int{input("ENTER FIRST NUMBER")}
b=int(input("ENTER SECOND NUMBER"))
c=int(input("ENTER THIRD NUMBER"))
if a>b and a>c
print("A IS GREATER")
if b>a and b>c:
Print(" B IS GREATER")
if c>a and c>b:
print(C IS GREATER)
```

Q13. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
i==1
a=int(input("ENTER FIRST NUMBER"))
FOR i in range[1, 11];
print(a,"*=", i ,"=",a * i)
```

Q14. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
a=”1”
while a>=10:
print("Value of a=",a)
a=+1
```

Q15. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
Num=int(input("Number:"))
sum=0
for i in range(10,Num,3)
Sum+=1
if i%2=0:
print(i*2)
Else:
print(i*3 print Sum)
```

Q16. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
weather='raining'
if weather='sunny':
print("wear sunblock")
elif weather='snow':
print("going skiing")
else:
print(weather)
```

Q17. Write the modules that will be required to be imported to execute the following code in Python.

```
def main( ):
for i in range (len(string)) ):
if string [i] = = ‘’ “
print
else:
c=string[i].upper()
print( “string is:”,c)
print (“String length=”,len(math.floor()))
```

Q18. Rewrite the following code in python after removing all syntax error(s).Underline each correction done in the code

```
x=integer(input('Enter 1 or 10'))
if x==1:
for x in range(1,11)
Print(x)
Else:
for x in range(10,0,-1):
print(x)
```

Q19. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
30=To
for K in range(0,To)
IF k%4==0:
print (K*4)
```

```
else
print (K+3)
```

Q20. Find output generated by the following code:

```
p=5/2
q=p*4
r=p+q
p+=p+q+r
q-=p+q*r
print(p,q,r)
```

Q21. Find output generated by the following code:

```
a=(2 + 3) ** 3 – 6 / 2
b=(2 + 3) * 5// 4 + (4 + 6) / 2
c=12 + ( 3 * 4 – 6 ) / 3
d=12 % 5 * 3 + (2 * 6) // 4
print(a, b, c, d)
```

Q22. Find the output of the give program :

```
x = "abcdef"
i = "a"
while i in x:
print(i, end = " ")
```