# CLO1 Quiz-1 02-04-2024

# Big Data

**Student ID: Total Marks: 10 Obtained Marks:**

**Student Name: Section: D3 Time: 20 mins**

**Q1:** What will be the output of the following Python code?

i = 1

while True:

if i%007 == 0:

break

print(i)

i += 1

a) 1 2 3 4 5 6  
b) 1 2 3 4 5 6 7  
c) error  
d) none of the mentioned

**Q2:** What will be the output of the following Python code?

i = 1

while True:

if i%2 == 0:

break

print(i)

i += 2

a) 1  
b) 1 2  
c) 1 2 3 4 5 6 …  
d) 1 3 5 7 9 11 …

**Q3:** What will be the output of the following Python code?

True = False

while True:

print(True)

break

a) True  
b) False  
c) None  
d) none of the mentioned

**Q4:Input taken using input function can be converted into following data type.**

**a)**int

**b)**float

**c)**string

**d)**Any of these

e) only A & B

**Q5:** What will be the output of given Python code?

n=7  
c=0  
while(n):  
 if(n>5):  
 c=c+n-1  
 n=n-1  
else:

break  
print(n)  
print(c)

a) 5 11  
b) 5 9  
c) 7 11  
d) 5 2

**Q6:** What will be the output of given Python code?

str1="hello"

c=0

for x in str1:

if(x!="l"):

c=c+1

else:

pass

print(c)

a) 2  
b) 0  
c) 4  
d) 3

**Q7:** Which of the following Python code will give different output from the others?

1. for i in range(0,5):  
       print(i)
2. for j in [0,1,2,3,4]:  
       print(j)
3. for k in [0,1,2,3,4,5]:  
       print(k)
4. for l in range(0,5,1):  
       print(l)

**Q2: What are the 6 Vs of big data? [3 marks]**

**Volume:** Volume refers to the vast amount of data generated and collected from various sources

**Velocity:** Velocity refers to the speed at which data is generated, collected, processed, and analyzed.

**Variety:** Variety refers to the diverse types and formats of data that comprise big data.

**Veracity:** Veracity refers to the quality, accuracy, and reliability of the data.

**Value:** Value refers to the potential insights, knowledge, and actionable information that can be derived from big data.

**Variability:** It refers to the inconsistency of data.