Python Assignment Questions

**I. MCQ**

1. The method to clear all elements in the set

i) remove() ii) discard() iii) clear() iv) delete()

**answer = clear()**

2. What will be the output of the following code snippet

a= 15 , b=3 , c=4

result = a + b \*c // (c % b) – 5

print (result)

i) 20 ii) 25 iii) 22 iv) 23

**answer = 22**

**II. Theroy**

1. Basic data types, representation and their description.

**Ans:** a) Boolean - bool - represents two values of logic and associated with conditional statements

b) Integer – int - positive and negative whole numbers

c) Float – float - real numbers

d) String – str - all strings or characters enclosed between single or double quotes

2. What are the different types of control structures in python. Give an example of each

**Ans:**

**i) if – else**

eg: if (a > 10)

y = 1;

else if (a == 10)

y = 10;

else

y = 0;

**ii) for loop**

eg: sum = 0;

for (int i = 1; i <= 8; i = i + 1)

sum = sum + i;

**iii) while loop**

eg: int i;

sum = 0;

i = 1;

while (i <= 8) begin

sum = sum + i;

i = i + 1;