INDIAN SCHOOL MUSCAT

ANNUAL EXAMINATION 2020

CLASS XI

SET A

Marking Scheme – Computer Science

QNO	ANSWER	MARKS
1 a	1 m for the correct definition	1
b	½ m for the correct difference	1
c	1 m for correct explanation	1
d	100011100 1 m for correct answer	1
e	1 m for Distributive law and 1 m for truth table	2
f	2 m for the correct diagram	2
g	i. 120 ii. 1010 0010 1011 1 m each for the correct answer	2
2 a	%per, for ½ m each	1
b	1 m for definition and 1 m for difference	2
c	What will be the output of the following code : ALL THE BEST Annual Examination 2020 100+120 0 9 ½ m each for the correct answer	2
d	1 m for difference and 1 m for example	2

e	Will the following program execute successfully? If not correct it :
	
	s1=s2=0
	
	for x in range(0,11):
	
	   num=int(**input**("Enter a Number")) ½ m
	
	  if (num>0)**:** ½ m
	
	     s1=s1+num
		2

	else: s2=s2/num (space) ½ m print(**s1** ,' and ', **s2**) ½ m No and ½ m each for the four correction	
f	1 m each for the correct answer	3
3 a	5 6 9 10 ½ m for the correct answer	2
b	h@m@la@@ HoMeLAnd 1 m each for the correct answer	2

c	Evaluate and give the result:
	    i. True
	    ii. True
		2

d	N= 30
	sum = 0
	for i in range(1,N,3):
	    if i%2!=0:
	        sum = sum+i
	print(sum)
	65
	1 ½ m for conversion and ½ m for output
		2

e	1 m for input and output 2 m for logic	3
f	½ m for difference ½ m for output 6 & 8	1
4 a	1 m for any one valid difference	1
b	3 1 m for correct answer	1
c	1 m for correct answer	1
d	16.0 4500.73 61 74 ½ m for correct answer	2

e	1 m for input and output 2 m for logic	3
f	1 m for input and output 2 m for logic	3
5 a	1 m each for definition and example	2
b	1 m each for the correct answer	2
c	½ m each for explanation and example	1
6 a	1 m each for the correct answer	6+4
7 a	2 m for correct explanation	2
b	2 m for correct explanation	2
c	1 m each for the correct answer.	2
d	½ m each for the correct answer.	2
e	1 m for correct answer	1
f	1 m for correct answer	1
	End of the Question Paper	