

INDIAN SCHOOL MUSCAT
ANNUAL EXAMINATION 2020
CLASS XI

SET B

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 full form	1
d	1100100 1 m for correct answer	1
e	1 m for state law and 1 m for truth table	2
f	2 m for the correct diagram	2
g	i. 288 ii. 1011 1010 1101 1 m each for the correct answer	2
2 a	two2,Print ½ m each	1
b	1 m each for correct answer	3
c	1 m for definition and 1 m for example.	2
d	Graduation Ceremony Farewell 2020 100+120 3 9 ½ m each for the correct answer	2
e	2 m for the correct answer	2
f	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	
3 a	1 2 [3, 13, 18, 13, 16, 11, 18, 13] ½ m each for first two lines and 1 m for the last line	2
b	&E&&C&I&N SeLEcTiOn 1 m each for the correct answer	2
c	1 m each for correct answer	2
d	Answer = 50 1 ½ m for conversion and ½ m for output	2
e	1 m for input and output 2 m for logic	3
f	1 m for correct explanation	1
4 a	1 m for any one valid difference	1
b	{'a': 2, 'b': 4, 'c': 2} ['a', 'b', 'c'] 1 m for each line of correct answer	2
c	500.73 31 88 27.0 ½ m for correct answer	2
d	1 m for input and output 2 m for logic	3
e	1 m for the nested loop 2 m correct logic	3
5 a	1 m for any correct difference	2
b	1 m each for the correct answer	2
c	1 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	$\frac{1}{2}$ 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	