

MOUNT CARMEL INTERNATIONAL SCHOOL, AKOLA



Cambridge International

Formative Assessment: I

Subject: ICT

Date: 04.09.2024

Student's Name: _____ Roll No: _____ Grade: 7

Marks: 35

Time Duration: 70 minutes

Invigilator's Sign.

Q.1. Fill in the blanks.

(3)

- The rightmost digit of the number has the lowest weight it is called _____.
- Hexadecimal numbers are the numbers contains _____ digits.
- The range of cells in column D and rows 6 to 10 is defined as _____.

Q.2. State True or False for the following.

(3)

- Sorting can be done on only one column. _____
- Max function shows the lowest value in the given range of cells. _____
- The decimal number system consists of sixteen digits. _____

Q.3. Write one-word answer for the following.

(4)

- In which function category Average () is present. _____
- Which menu is used to display function library?

- Name the bar where we are entering the formula. _____
- Write 4-bit binary code for the number 8. _____

Q.4.a. Convert the binary number into decimal number.

(2)

- $(10111101)_2$ - _____
- $(011011)_2$ - _____

b. Convert the decimal number into binary number.

(2)

- $(56)_{10}$ - _____
- $(275)_{10}$ - _____

c. Identify the base and write down the numbers for the following. (2)

1. $(11111)_2$ _____

2. $(8E)_{16}$ _____

Q.5. Write down the name of the error for the following. (4)

1. Invalid data. _____

2. No value available. _____

3. Invalid cell reference. _____

4. When a column is not wide enough to accommodate the value.

Q.6. Complete the following table. (2)

Numbers	Binary form
3	
B	
	1111
	01011111

Q.7. Write the formulas for the following. (5)

1. To calculate the average of the cell values from B2 through B10.

2. To count the numbers G3, G4 & G5 for the values 20, 82, 64.

3. To add the numbers in a given range A2 to A8.

4. To find the length of given string "Neighbourhood".

5. To display today's date.

Q.8. The worksheet in Excel shows the following format.

(4)

Grade 7 Class Test Marks								
Roll No.	Name Of Students	English	Maths	Science	SST	ICT	Total Marks	Percentage
1	Rama	51	38	48	55	71		
2	Vivek	45	56	51	51	52		
3	Kunal	87	47	47	27	63		
4	Riya	63	61	38	61	44		

1. Calculate the total marks for all the students.
2. Calculate the percentage of Kunal.
3. Find out the maximum and minimum marks of English and Maths subject.

Q.9. Write down two examples for the following.

(4)

1. Hexadecimal numbers _____
2. Octal numbers _____
3. Binary numbers _____
4. Decimal Numbers _____
