

MOUNT CARMEL INTERNATIONAL SCHOOL, AKOLA



Cambridge International

Term End Exam: II

Subject: ICT

Date: 02.04.2024

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

Marks: 60

Time Duration: 90 minutes

Invigilator's Sign.

SECTION A

(Binary Number System)

Q.1. Fill in the blanks.

(2)

1. The binary system consists of two digits _____ and _____.
2. The decimal number system uses the digit from _____ to _____.
3. The base in the _____ number system is written as 10.
4. The base of the hexadecimal number system is represented by _____.

Q.2. Write short notes. (Any 2)

(4)

- | | |
|-------------------|------------------------|
| 1. Binary Number | 3. Octal Number System |
| 2. Decimal Number | 4. Hexadecimal number |

Q.3. Complete the following table.

(4)

Numbering System		
System	Base	Digits
Binary		
Octal		
Decimal		
Hexadecimal		

Q.4. Convert the following. (Any 5)

(5)

1. $(18)_{10} = ()_2$

3. $(0110101)_2 = ()_{10}$

5. $(127)_{10} = ()_8$

7. $(543)_8 = ()_{10}$

2. $(C9)_{16} = ()_{10}$


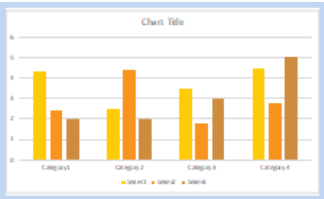
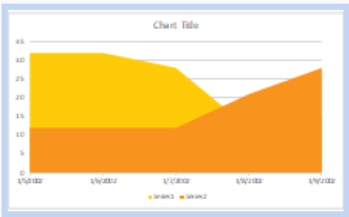
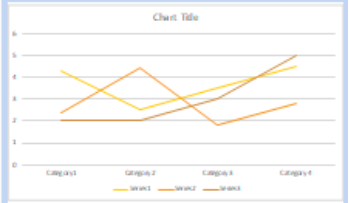
4. $(10110010)_2 = ()_8$

6. $(9F2)_{16} = ()_2$

Section B
(MS Excel and Word)

Q.5. Complete the following chart table.

(4)

Chart Type	Name of the chart	Description
		
		
		
		

Q.6. Differentiate between Merge cell and Split cell.

(2)

Q.7. Give the quick keys for.

(2)

1. Go to next cell — _____
2. Go to the beginning of the column — _____
3. Go to end of row — _____
4. Go to beginning of the row — _____

Q.8. Give the steps to do the following.

(4)

1. Deleting the first row.

2. Convert text into table.

Q.9. What is cell reference? Explain any two types of cell references with examples.

(3)

Section C

(Network Communication and Programing Concepts)

Q.10. Fill in the blanks.

(3)

1. Types of transmission channels are _____ and _____.
2. _____ is a computer that manages storage and retrieval of files.
3. _____ is one of the most popular operating system designed by Android, Inc.

Q.11. State true or false.

(3)

1. RAD stands for Rapid Access Development. _____
2. First generation languages use machine language. _____
3. BASIC supports an assembler as a translator. _____

Q.12. Differentiate between the following.

(4)

1. Source code and Object code

2. Assembler and Compiler

Q.13. Answer the following questions.

1. What is a program?

(1)

2. What is Mobile OS? Give some examples.

(2)

3. Draw the diagram for Ring and Bus Topology.

(2)

Section D
(Programming of QB64)

Q. 14. WAP to display the greater of the two numbers. (3)

Q.15. Explain the use of FOR...NEXT structure with a SAMPLE CODE. (3)

Code: -

Q.16. What is a pixel? Explain. (2)

Q.17. WAP to print numbers 1 to 10.

(3)

Q.18. Give the commands for the following.

(4)

1. Produce sound - _____

2. Drawing a box - _____

3. Change the mode to text - _____

4. Set the colour of the pixel - _____
