	INDIAN SCHOOL AL WADI AL KABIR	
	REVISION FOR PRE MIDTERM REVISION PAPER **2022 – 2023**	
NAME :		**DATE :**
CLASS : IV SEC : __ ROLL NO:___	**SUBJECT: COMPUTER SCIENCE**	**MARKS : /20** **TIME: 1 HOUR**

General Instructions:

- This question paper consists of 2 sections and 4 pages.
- Marks are indicated against each question.
- All questions are compulsory.

SECTION - A

I.   **Circle the correct answer and also write it in the space provided.   (10 marks)**

1. Which of the following is a classification of computers? _____.
a. According to technology   b. According to Size
c. According to Purpose   d. All of the above

2. According to technology, computers can be classified into _____ types.
a. Two   b. Three
c. Four   d. Five

3. According to size, which of the following is a type of computer? _____

a. Supercomputer   b. Mainframe computer
c. Microcomputer   d. All of the above

4. A Speedometer is an example of a/an _____ computer.
a. Digital   b. Analog
c. Hybrid   d. All of the above

5. Which computer processes data using binary numbers? _____

a. Digital   b. Analog
c. Hybrid   d. All of the above

6. Digital computers are used in _____.

a. Homes   b. Offices
c. Businesses   d. All of the above

7. All modern computers, like laptops, desktops including smartphones, are _____ computers.

a. Analog   b. Digital
c. Hybrid   d. Supercomputer

8. Which of the following computers are used in weather forecasting, nuclear research, and scientific application? _____

a. Mainframe computer   b. Microcomputer
c. Supercomputer   d. Server

9. Which computer can process millions of instructions per second? _____

a. Mainframe   b. Supercomputer
c. Mobile computer   d. Micro computer

10. Microcomputers are used for _____.

a. Creating Documents   b. Doing Calculations
c. Keeping records   d. All of the above

II. Match the following.   (3 marks)

COLUMN A	COLUMN B
1. Digital Computer	a. It fits entirely on a desk or a table.
2. Mainframe	b. It is an Internet-enabled phone.
3. Digital Camera	c. It is an electronic version of a printed book.
4. Desktop Computer	d. It is normally the size of a closet.
5. Smartphone	e. It works on the principle of binary mathematics.
6. E-book Reader	f. It is used to take pictures and store photographed images digitally.

1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____

c. **State whether the following statements are True or False** **(3 marks)**

1. Supercomputers are extremely fast computers, which can execute trillions of instructions per second. (   )

2. Server computers are lower to mainframe computers in terms of speed and storage capacity. (   )

3. Hybrid computers convert analog data into digital and vice versa. (   )

4. One computer that is not considered as a portable computer is a Tablet PC. (   )

5. According to size, computers are divided into six groups. (   )

6. Mobile devices can also be connected to a personal computer for exchanging information. (   )

SECTION – B

VI.   **A. Read the paragraph and answer the questions that follow.** **(2 marks)**

Computer technology has revolutionized the field of medicine. The computers can be used to store the information about the medicines determined to the patient as well as those which cannot be prescribed to him, they facilitate storage of huge amounts of data. They enable speedy processing of information. They can compile the information into large databases & access shared information from all over the world. Medical PCs are often used to control medical devices that perform CT Scans, X-rays, ultrasounds, MRIs, or blood tests. Computers are utilized for monitoring patients heart rate, respiratory activity, blood pressure and other critical vital signs collected automatically in digital form. It is often necessary to maintain detailed records of the medical history of patients. Doctors often require information about a patient's family history, physical ailments in the family. The computer is a superb endowment of science made by man to support humanity. Computers are administering the present reality, and these have certainly changed the lifestyle of individuals and the status of creating nations.

a. List any two areas where computers are used in hospitals?   (1)

_____

_____

b. Observe the given picture and name the type of computers used in the field of medicine. (1)

_____

B. Identify and name the computer shown in the diagram and answer the question given below. **(2 marks)**

a. _____

b. Why are they called the most powerful computers?

_____

_____

_____

ALL THE BEST!