INDIAN SCHOOL MUSCAT

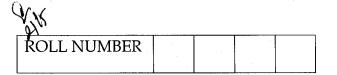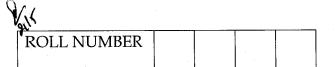## FIRST PERIODIC TEST

INFORMATION TECHNOLOGY

CLASS: XI   **Sub. Code: 802**   Time Allotted: 50mts.

22.05.2023   Max .Marks: 20

GENERAL INSTRUCTIONS:
   All questions are compulsory.
1. Identify Input device from the following: 1
   a. Speaker
   b. Monitor
   c. Light pen
   d. Plotter

2. Expand the following: 1
   a. SSD
   b. FAT

3. Which of the following is not the characteristic of ROM: 1
   a. It is generally used in startup operations of computers.
   b. It is non-volatile in nature.
   c. Read Only Memory
   d. It is generally placed between CPU and Primary memory and acts as a buffer.

4. Identify the following: 1
   a. An electronic pathway of connecting cables that transmits data and instructions to the major components of a computer system.
   b. An input device that captures data in the form of video/image.
5. What is the use of control unit?   1

6. Explain Computer characteristic - Diligence.   1

7. 1024 EB = ...   1

8. Explain Application Software. Give an example.   1

9. Write the difference between Compiler and Interpreter.   2

10. Explain IPO cycle.   2

11. Draw block diagram of Computer.   2

12. Write short notes: 2
    a. Plotter
    b. Microphone

13. Priyanshu has difficulty connecting to the Printer. Help him with any four   2
    Printer troubleshooting options.

14. Priya wants to set up a system that is intended for applications where data   2
    needs to be processed quickly, without any significant delays. She also wants to
    compress large data files so that they take up less storage space.

    Based on the given information, Answer the following questions I and II.
    I.   Identify the type of Operating System to be used.
    II.   Write any two compression tools.

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1. Which of the following is not the characteristic of ROM: 1
   a. It is generally used in startup operations of computers.
   b. It is non-volatile in nature.
   c. Read Only Memory
   d. It is generally placed between CPU and Primary memory and acts as a
      buffer.

2. Explain Computer characteristic - Versatility.   1

3. Identify Output device from the following: 1
   a. Keyboard
   b. USB
   c. Light pen
   d. Plotter

4. Expand the following: 1
   a. SSD
   b. NTFS

5.   a. What is the role of ALU?   1
      b. Which unit is called as **the brain of the computer**?

6. Identify the following: 1
      a. An electronic pathway of connecting cables that transmits data and
         instructions to the major components of a computer system.
      b. An input device that captures data in the form of video/image.

7. 1024 EB = ...   1

8. Explain Application Software. Give an example.   1

9. Write the difference between Compiler and Interpreter.   2

10. Priya wants to set up a system that is intended for applications where data   2
needs to be processed quickly, without any significant delays. She also wants to
compress large data files so that they take up less storage space.

    Based on the given information, Answer the following questions, I and II.
      I.   Identify the type of Operating System to be used:
      II.   Write any two compression tools.

11. Explain IPO cycle.   2

12. Draw block diagram of Computer.   2

13. Write short notes: 2
    a. Projector
    b. Power Supply Unit

14. Priyanshu has difficulty connecting to the Printer. Help him with any four   2
Printer troubleshooting options.

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GENERAL INSTRUCTIONS:
All questions are compulsory.

1. BIOS stands for   1
   a. Basic Input Output system
   b. Binary Input output system
   c. Basic Input Off system
   d. all the above

2. Explain Computer characteristic - Versatility.   1

3. Explain Application Software. Give an example.   1

4. Identify storage device from the following: 1
   a. Speaker
   b. Monitor
   c. SSD
   d. Plotter

5. Expand the following: 1
   a. DVD
   b. FAT

6. a. What is the role of ALU?   1
   b. Which unit is called as **the brain of the computer**?

7. Identify the following: 1
   a. An electronic pathway of connecting cables that transmits data and instructions to the major components of a computer system.
   b. An input device that captures data in the form of video/image.

8. 1024 EB = ... 1

9. Write the difference between RAM and ROM. 2

10. Priya wants to set up a system that is intended for applications where data needs to be processed quickly, without any significant delays. She also wants to compress large data files so that they take up less storage space. 2

    Based on the given information, Answer the following questions, I and II.
    I. Identify the type of Operating System to be used:
    II. Write any two compression tools.

11. Explain IPO cycle. 2

12. Write short notes: 2
    a. Microphone
    b. Power Supply Unit

13. Draw block diagram of Computer. 2

14. Priyanshu has difficulty connecting to the Printer. Help him with any four Printer troubleshooting options. 2