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MARGAO GOA
SECOND QUATERLY TEST
SUB: SOFTWARE TECHNOLOGY

STD.:XI CT
DATE: 19-01-2023

MARKS: 20
TIME: 1HR.

Instructions:

- (1) **Answer each question on a fresh page.**
 - (2) **Write the number of the questions and sub questions clearly.**
 - (3) **All questions are compulsory.**
 - (4) **Figures to the right indicate full marks.**
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Question numbers 1 to 3 carry 1 mark each.

1. A single byte is collection of _____. (1)
2. A binary number is made up of only _____. (1)
3. Hexa decimal number has a base as _____. (1)

Question numbers from 4 to 7 carries 2 marks each.

4. State the difference between EPROM and EEPROM. (2)
5. Write a short note on DRAM and SRAM (2)
6. Covert the following from binary to decimal: (2)
a) 101011 b) 1001
7. What is a Solid state drive? (2)

Question numbers from 8 to 10 carries 3 marks each.

8. Write a program to print largest of ten numbers using while loop. (3)
9. Explain the following: (3)
a) RAM b) ROM
10. Write a program to print sum of even and odd numbers separately from N inputed numbers using while loop. (3)
