HINTS

<u>Question 1</u>: observe the pattern.

Question 2: As you know the circuitry is of two part, one to get the logic done and the other for the display, here goes the hint for the latter: Surf the net for IC 7447, and quick set up your circuitry..!!

<u>Question 3</u>: A sine wave can be generated using square waves having varying pulse width.

<u>Question 4</u>: Generate individual waveforms and then multiplex them using IC 4051.