

LIQUID CRYSTALS DISPLAYS - EXAMINATION QUESTIONS

HELPFUL LINK: <https://technologystudent.com/elec1/lcd1.htm>

1. Draw a sketch / diagram, representing the following 'states' of matter: **6 marks**

SOLID STATE

CRYSTALLINE STATE

LIQUID

2. Briefly, what are liquid crystals? **3 marks**

3. List four practical applications of liquid crystals. **4 marks**

4. How does the liquid crystal display of a TV work? **4 marks**

5. Describe the properties of LCDs, that make them a good choice. **4 marks**

6. How does a simple seven segment display work? Use the diagram below to support your answer. **4 marks**

