



WEEKLY HOME STUDY PACKAGE - WEEK 1 (05/07/21 – 09/07/21)

Subject : Applied Technology      Year -11

**Solution**

1. What is a polymer?

**Polymers are high molecular mass substances which consist of structural parts joined to form a solid.**

2. What type of plastic often soften when heated and became firm again when cooled?

**Thermoplastic**

3. What is thermosetting?

**Plastics that soften when heated and can be molded but hardened permanently. This will decompose when reheated.**

4. Explain what composite is and give one example of it.

**A composite material is a combination of two materials with different physical and chemical properties. For example, concrete.**

5. Define ductile

**Ability to be drawn into wire.**

6. Write down one advantage and one disadvantage of composite material
  - **They are light in weight and have low density. (Advantage)**
  - **It is difficult to attach. (Disadvantage)**