

- Q1. Fill **any four** of the following blanks: (1/2×4=2)
- The white powder formed when magnesium ribbon burns in oxygen is _____.
 - _____ plastic is coated on the uniform of fireman to make it fire resistant.
 - The first fully synthetic fibre is _____.
 - The long chain molecules are called _____.
 - Hydrogen gas burns with a _____ sound
- Q2. Unscramble **any four** of the following words: (1/2×4=2)
- (a) YDIITCUTL (b) NOTFEL (c) RACLCIY (d) CYMRERU (e) YESPOLTER
- Q3. Which of the two vessels shown below would be easier to handle after water has been boiled in them? Explain. (1×2=2)



- Q4. Given below is the description of fibre in its own words. read the paragraph carefully and complete it by filling the blank spaces: (1/2×4=2)
- Hello friends! I am a fibre prepared by using chemical and therefore referred as _____ fibre. Before my friend I came into existence, only _____ fibres were available, such as cotton and wool. These are respectively _____ fibre and _____ fibre.
- Q5. (a) Name a metal which is non ductile and non malleable at room temperature. (1+1=2)
- (b) Metals are sonorous. For some uses, highly sonorous metals are needed. Write the name of at least **two** such examples.
- Q6. Given below are some words. Find out a similar rhyming word of Science related to **any two** synthetic fibre and plastic. Give **one** use of each: (1/2×4=2)
- (a) Pathetic cyber (b) Satellite. (c) Neuron
- Q7. Match the substances **any 4** in **column A** with their application given in **column B** (1/2×4=2)

Column A (Substance)	Column B (Application)
(a) oxygen	For making crackers.
(b) Copper	For disinfecting water.
(c) Sulphur	All living beings inhale during breathing.
(d) Iron	For making electric wires.
(e) Chlorine	For making rails.

- Q8. Rohit took with him some nylon ropes, when he was going for rock climbing. Give **any three** reasons why he selected nylon ropes instead of ropes made of cotton or jute. (1×3=3)
- Q9. Paheli prepared a blue colour solution of copper sulphate in beaker A and placed an iron nail in it. Boojho prepared yellowish green solution of ferrous sulphate in beaker B and placed a copper wire in it. What changes will they observe in the two beakers after an hour? Give reason in support of your answer. (3)