GENERAL INSTRUCTIONS

1. Each part contains two sections: Section-I is subjective and Section - II is objective

3. The sheet given in the examination hall is the Answer Sheet and each part must be solved in separate answer sheets.

4. Calculators, log tables, slide rule, mobile or any other electronic gadgets in any form is not allowed.

5. Before answering the paper, fill up the required details in the blank spaces provided in the answer sheet.
I. Answer any three (6 M)

1. List two disadvantages of synthetic fibres.
2. Give two examples each of natural and synthetic fibres.
3. What do you mean by reactivity series of metals?
4. List three uses of silicon.
5. How was coal formed?
6. How does carbon dioxide extinguish fire?

II. Answer any three (9 M)

1. Briefly explain the effects of burning of fuels.
2. Enlist the characteristics of a good fuel?
3. How is Petroleum obtained? What are its main uses?
4. Discuss briefly the different methods used for preventing corrosion of metals?
5. Silver is the best conductor of electricity. Can you say why it is not used in making electrical wires?
6. How is rayon made? List its important properties and uses. Why is it called artificial silk?

III. (A) List three uses of hydrogen (3 M)

III. (B) In which city do you expect rusting to be a greater problem – in Delhi or Mumbai? Why? (2 M)

Section – II

I. Fill in the blanks: (5 M)

1. All plastics are made up of long chain molecules called .................
2. ................. is used to make non – stick pans.
3. Metal food containers have a coating of .................
4. ................. is the variety of coal with maximum carbon content.
5. The ................. zone in a candle flame is the zone of no combustion.

II. Answer in one word: (5 M)

1. A substance that has a very low ignition temperature and hence can catch fire easily.
2. A unit in which heat liberated by a fuel is measured.
3. Fuel used in jet aeroplanes.
4. Name a noble metal.
5. Artificial fibre is made from wood pulp.

*******A LL T H E BEST*******