

**BED-604**

**ES - 341**

**B.Ed. DEGREE EXAMINATION – JUNE 2006.**

**First Year**

**(For candidates admitted in A.Y. 2004–05 only)**

**TEACHING OF SCIENCE**

**Time : 3 hours**

**Maximum marks : 75**

**PART A — (2 × 15 = 30 marks)**

**Answer any TWO questions not exceeding 750 words each.**

1. 'Laboratory work should occupy a central position in any programme of Science Education'. How far do you agree with this statement? Justify your answer.
2. Discuss the history of space exploration and space research in India.
3. Define hydrocarbon. What roles do man made carbon compounds play in our daily life?

Answer any FIVE questions not exceeding 300 words each.

4. Explain any four of the principles of curriculum planning.
5. What are diagnostic tests and remedial measures in science?
6. Why is the base of a field gun of army kept heavy?
7. What is the nature of the image formed when the object is placed 25 cms from a convex mirror of focal length 20 cms.
8. Explain oxidation and reduction.
9. What are the conditions necessary for reactions to take place?
10. Give examples of water, air and food-borne diseases with their causing agents.
11. What are the functions of cell membrane, cytoplasm and nucleus?

Answer ALL questions not exceeding 150 words each.

12. What do you mean by learners' progress in science?
  13. State Maxwells' Cork Screw rule.
  14. Define the law of conservation of mass.
  15. What is cell theory?
  16. Mention three major effects of industrialization on the health of human beings.
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