

Register Number :

Name of the Candidate :

7 2 7 6

DIPLOMA EXAMINATION, 2010

(HEALTH, SAFETY AND ENVIRONMENT)

(PAPER - I)

120. CONSTRUCTION SAFETY

December]

[Time : 3 Hours

Maximum : 100 Marks

PART - A (3 ×20= 60)

Answer any THREE questions.

All questions carry equal marks.

1. Discuss the various risks involved and control measures to be taken gas cutting and sand blasting.
2. Write in detail about common injuries during scaffold erection and the first-aid and preventive measures.

Turn Over

3. Explain in detail the safety precautions to be followed in lifting of heavy equipments.
4. Explain in detail the rigging operation and the safety measures to be followed in rigging.
5. Discuss in detail the tagging and warning signs and their usage with reference to construction industry.

PART - B (4 × 10 = 40)

Answer any FOUR questions.

All questions carry equal marks.

6. Discuss the safety aspects in working at heights.
7. Discuss the risk involved and preventive measures in grinding.
8. Explain the maintenance and up-keep of ladders.
9. Write the different types of scaffolds and its applications.
10. Explain the salient features of defects and inspection norms.

11. Explain the commonly used first-aid measures in construction industry.
12. Discuss the risks and safety measures associated with hot works.