

(3 Hours)**80 MARKS (CBSGS)****INSTRUCTIONS:** 1. Answer any **FOUR** questions. 3. Each full question carries **EQUAL** marks.

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- Q. 1** a) Discuss in detail, about the personal protective equipments to be used on construction site. **(10 M)**
b) Write a detailed note on Group Safety Policy for workers. **(10 M)**
- Q. 2.** a) What is the importance of safety training for construction industry personnel? **(10 M)**
b) Discuss the compensation clauses included in workman's compensation act. **(10 M)**
- Q. 3.** a) Write a detailed note on the safety precautions to be practiced for tunnel blasting work. **(10 M)**
b) Discuss in detail the safety measures to be followed while working on tail building construction. **(10 M)**
- Q. 4** a) Suppose you are an Engineer In Charge of a highway widening project. What safety measures will you practice during the construction work? **(10 M)**
b) Write a detailed note on the first-aid provisions to be made on construction site. **(10 M)**
- Q. 5.** a) Write a detailed note on the role of a safety officer towards the construction safety. **(10 M)**
b) Discuss in detail, about the precautions to be taken to avoid accidents on dam construction site. **(10 M)**
- Q. 6** a) Discuss safety measures to be taken before starting the following construction activities. **(10 M)**
ii) Pile driving
iii) Concreting of slab
b) Discuss the safety measures to be practiced while operating the crane for the construction work. **(10 M)**