

- b) How does the Employer monitor the progress of the work in a contract involving heavy concreting ? 10
5. a) Draw a flow chart for passage of construction material from the source to incorporation in the works. The contract provides for supply of material by the employer. 10
- b) What is meant by wagon booking restriction ? What effect do such restrictions have on material planning ? 10
6. Explain in your own words the principal features of the Contract Labour (Regulation and Abolition) Act 1970. 20
7. Write short notes on (*Any three*) $6\frac{2}{3}$ 53
- Submersible pumps
 - Control Panels
 - Storage of Explosives
 - Female Labourer
 - Accountal of cement

B. CONSTN. ENGINEERING FINAL EXAMINATION, 2008

(1st Semester)

CONSTRUCTION MANAGEMENT II

Time : Three hours

Full Marks : 100

Answer *any five* Questions

- Distinguish between “Construction of Infrastructure” and “Construction Infrastructure”. 6
 - Enumerate the elements of “Construction infrastructure”. 6
 - Write a note on ‘access’. 8
- Draw a diagram showing the arrangement for water supply at a construction site. 20
 - Explain, with the help of simple sketches, the different kinds of pumps used for water supply at a construction site. 20
- Draw the typical cash flow diagram of a contractor whose contract has no provision of any mobilization advance and a Defects Liability period 6 months or one rainy season, whichever is later. The total contract value is Rs. 20 crores and the contract time is 24 months, beginning 1st February 2008. The mobilization time for the work is 2 months. 20
- What are the objectives of the Employer, the contractor and the Consulting Engineer in a construction contract ? 10

[Turn over