

BACHELOR OF ARCHITECTURE (B.Arch.)

Term-End Examination

00184

June, 2017

BAR-073 : PROJECT MANAGEMENT

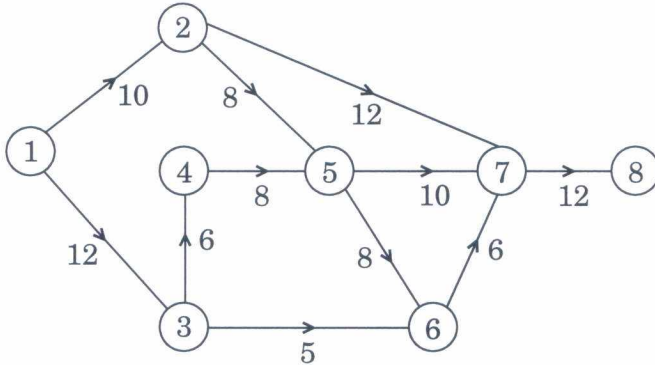
Time : 3 hours

Maximum Marks : 70

Note : *Question no. 1 is **compulsory**. Attempt any **four** from the remaining questions. All questions carry equal marks.*

1. Write short notes on any **four** of the following : $4 \times 3 \frac{1}{2} = 14$
- (a) Networking Techniques
 - (b) Project Scope
 - (c) Life Cycle Costing
 - (d) Feasibility Study
 - (e) Site Investigation
 - (f) Personnel Selection
2. Discuss the types of hazards and accidents in construction sectors in India. Also, elaborate the reasons associated to them. 14

3.



(a) For the network above, calculate the Earliest Event Time (T_E) and the Latest Allowable Occurrence Time (T_L) for all events. 10

(b) Calculate the Critical Path Time for the network above and mark the critical path with thick lines. 4

4. Elaborate the need for Construction Site Organisation Chart for a large, complex project. 14

5. Define Value Engineering. What are the basic steps involved in Value Engineering Job Plan? 14

6. Write a short essay on different aspects of Construction Project Report, citing an example. 14

7. Discuss the importance of 'monitoring' of Project Cost Control. Also, state the methods to monitor such controls. 14