

Total No. of printed pages = 3

CT-603/C&PM/6th Sem/2016/N

CONSTRUCTION AND PROJECT MANAGEMENT

Full Marks – 70

Pass Marks – 28

Time – Three hours

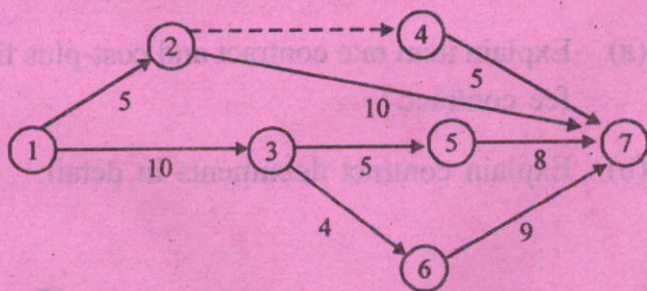
The figures in the margin indicate full marks
for the questions.

Answer *all* questions.

1. (a) What are the different types of construction ? 5
- (b) Explain planning and tendering stages in construction. 5
2. (a) Explain item rate contract and cost-plus fixed fee contract. 5
- (b) Explain contract documents in detail. 5

[Turn over

3. (a) Explain arbitration with its advantages. 5
 (b) Explain material and labour schedule. 5
4. (a) Explain different types of time estimates in PERT. 5
 (b) Explain the safety precautions to be taken during demolition of structure. 5
5. (a) Define the following : 5
 (i) Earliest start time
 (ii) Earliest finish time
 (iii) Latest finish time
 (iv) Latest start time
 (v) Float.
- (b) Explain the safety measures to be taken during drilling and blusting. 5
6. Solve the network : 10



7. (a) Define the following : 5×1=5

- (i) Activity
- (ii) Event
- (iii) Network
- (iv) Activity on Arrow
- (v) Activity on Node.

(b) Differentiate between PERT and CPM. 5