

MASTER OF ARCHITECTURE EXAMINATION, 2017
 (1st/~~2nd~~ Semester/ ~~Repeat/ Supplementary/ Spl. Supplementary/ Old/ Annual/ Bi Annual~~)

SUBJECT: PROJECT MANAGEMENT
 (Name in full)

PAPER.....

Time : ~~Two hours~~ / Three hours / ~~Four hours~~ / ~~Six hours~~

Full Marks: 100

~~Use a separate Answer Script for each part~~

Question Serial no.	Question	Marks
	Instruction: Answer for 100 marks.	
01.	In light of tendering for any three different types of construction works, describe how an owner should invite the prospective construction agencies for such works. What is an NIT? Prepare an NIT for construction of a four storeyed Residential Building in a District Town of West Bengal. Assume necessary data wherever required.	25
02.	Mention and describe the contents of a Tender Document. Mention any five pertinent conditions that you feel should be specified under the SCC (Special Conditions of Contract) for construction of a Security outpost in a bordering area close to a river where there is no electricity available in the area.	25
03.	Describe the process of Work Scheduling for a construction Project. Stratify the Work Breakdown levels and describe their salient features for construction of a typical residential Housing campus.	25
04	Elucidating necessities, processes and outcomes with reference to the construction industry, write an essay on 'Arbitration'.	25
05	Describe 'Network Analysis' in relation to planning, scheduling and control of a construction project. Describe activity, event and critical path in a network analysis. Explain a typical network diagram for any construction project with a maximum of 20 events.	25

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Time : ~~Two hours/~~ Three hours/ ~~Four hours/~~ ~~Six hours~~

Full Marks: ~~30/~~ 100
~~15/ 50 marks for each part~~

~~Use a separate Answer Script for each part~~

Question Serial no.	Question	Marks
06.	Write short notes on (any five): (i) Bar chart (ii) Cash control Chart (iii) Void Contract (iv) Obsolescence study (v) PERT (vi) EMD (vii) PMC (viii) Security Deposit (ix) Rate Contract (x) Safety in construction	25