B.Arch. Fifth Semester (Architecture) (CGS)
10040 : Specification : 5 AR 04

P. Pages : 1

Time : Three Hours

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Max. Marks : 80

Notes : 1. All question carry equal marks.
2. Question No. **five & ten** is compulsory.
3. Use of slide rule logarithmic tables, Steam tables, Moller's Chart, Drawing instrument, Thermodynamic table for moist air, Psychrometric Charts and Refrigeration charts is permitted.
4. I.S.I. Hand book for structural Steel section, I.S. Code 800/1962 or 1964, I.S. 456 (Revised) I.S. 875 may be consulted.
5. Use of D.A. Laws "Pocket Book for Mechanical Engineers" is permitted.
6. Discuss the reaction, mechanism wherever necessary.
7. Use of pen Blue/Black ink/refill only for writing the answer book.

1.	a)	Define specifications and mention their objects?	10
	b)	Describe specifications for materials & Workmanship?	
		OR	
2.		Mention the important aspects of the design of a specification?	10
3.		What are the points to be noted in connection with the standard specifications?	10
		OR	
4.		What are the essential principles of good specification writing?	10

5. Write short notes on **any three**. 20
a) Restricted specifications. b) Use of specifications.
c) Brief specifications. d) Advantages of the standard specifications.
e) Technical sanctions.

6.	a)	Write specification for the R.C.C. beams prop. (1:2:4).	10
	b)	Write specification for suspended ceiling of plaster of Paris.	
		OR	
7.		Give reason why a specification should be designed rather than simply written or copied?	10
8.	a)	Write specification for the removal of water from foundation.	10
	b)	Write specification for half brick partition wall in C.M. (1:4).	
		OR	
9.		Differentiate betw^n.	10
	a)	Drawings & specifications.	
	b)	Brief specifications & detailed specifications.	

10. Give reason for the following. 20
a) The architect has to spend his valuable time in framing open specifications.
b) All sentences of the specifications should comply with the rules of grammar.

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