B.Arch. Fifth Semester (Architecture) (CGS)

10040 : Specification : 5 AR 04

P. Pages : 2 | AU - 2693

Time : Three Hours | Max. Marks : 80

* 0 5 8 8 *

Notes :
1. All question carry equal marks.
2. Question No. **five & ten** is compulsory.
3. Assume suitable data wherever necessary.
4. 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.
5. 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.
6. Use of D.A. Lows "Pocket Book for Mechanical Engineers" is permitted.
7. Discuss the reaction, mechanism wherever necessary.
8. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) Discuss specifications for performance?

b) What are the specifications for proprietary commodities.

OR

2. a) Write specifications for internal colouring (painting) in three coats.

b) Write specification for 12mm thick cement plaster in c.m. (1:4) **10**

3. What are the essential principles of good specification writing?

OR

4. What are different types of specification? Explain Detailed specifications in brief? **10**

5. Write short notes on **any three.** **20**

a) Importance of specifications in contract documents.

b) Technical provisions.

c) Importance of specification.

d) Use of specification.

e) Closed specifications.

6. a) Write specifications for half brick wall for partitions in c.m. (1:4).

b) Explain the quality of water to be used in construction and curing.

OR

7. a) What are the main sources of information for specifications?

   b) Suggest the possible disadvantages to be avoided by a writer of the restricted specification? **10**

8. Differentiate between the following:

   a) General provisions and standard specifications.

   b) Open specification & closed specification.

OR

9. a) Write specification for 12c.m. thick R.C.C. slab in proportion M20.

   b) Write specification for Random Rubble masonry in plinth in cement mortar 1:8. **10**

10. Give reason for the following. **20**

   a) The information given in the specifications should be complete and correct.

   b) The well-designed specification would prove useful to both the owner and the contractor.

   c) A specification should be designed rather than simply written or copied.

****