

M.Com. (Val.) Sem.-2 Examination
MV 502 (Th)
Building Construction
May-2025

Time : 2-30 Hours]

[Max. Marks : 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figure to the right indicate full marks.

Q - 1 Explain: How could GIS be used as a future valuation tool? Describe the numerous applications of GIS in valuation. 14

OR

Q - 1 What is Specifications? Give the purposes of specifications and Write detailed specifications on Brickwork in C: M (1:6). 14

Q - 2 List-out various Building services and explain water piping systems in building. 14

OR

Q - 2 Write a short-note on Green buildings and its rating system in India. 14

Q - 3 Determine analysis of rates for 10m³ R.C.C slab (1:2:4) work. 14

OR

Q - 3 Determine analysis of rates for First class brickwork in C.M. 1:6 in superstructure. 14

Q - 4 Write short note on: (a.) Curing of concrete (b.) Tests on cement 14

OR

Q - 4 Enlist various principles of planning and explain them in brief. 14

(P.T.O)

Q - 5 Give short answers for the following questions (Any Seven)

- a.) Give difference between load bearing structure and framed structure.
 - b.) Give compositions of M 15, M 20 grades of concrete.
 - c.) List out difference types of concrete used in construction work.
 - d.) Define: Built-up area, Super built-up area
 - e.) Which are the different components of doors?
 - f.) Enlist modern software used for Building construction.
 - g.) Which are the different factors affecting rate analysis?
 - h.) What is water-cement ratio?
 - i.) Which are the different components of Building?
 - j.) Explain: Sustainable development.
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