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MANIPAL UNIVERSITY

FOURTH SEMESTER B.A. (ID)/B.DES (ID) DEGREE EXAMINATION – MAY 2016

SUBJECT: BID 204 – BUILDING CONSTRUCTION AND MATERIALS IV
(2014 SCHEME)

Friday, May 27, 2016

Time: 14:00 – 18:00 Hrs.

Max. Marks: 50

✍ Question number 1 is compulsory.

✍ Answer any THREE questions from 2, 3, 4 and 5

1. Design a modular crockery unit for a dining room. Explain the single module. Assume dimensions for the same. Drawings required:

1A. Plan (1:10)

1B. Elevation (1:10)

1C. Section (1:10)

1D. Fixing Details (1:5)

(5+5+5+5 = 20 marks)

2. Explain interior wall cladding. Write about any two types of wall cladding with neat sketches.

(2+4+4 = 10 marks)

3. Enlist a few green materials used for flooring. What are the advantages and disadvantages of the same?

(2+4+4 = 10 marks)

4. What are the differences between hinged wardrobe and sliding wardrobe? Enlist the hardware that are used in wardrobe design.

(8+2 = 10 marks)

5. Explain in detail with supporting sketches about:

5A. Metal Partitions

5B. Glass Partitions

5C. Wooden Partitions

(3+3+4 = 10 marks)

