

MANIPAL ACADEMY OF HIGHER EDUCATION
FOURTH SEMESTER B. DES (ID) /B. A. (ID) DEGREE EXAMINATION – APRIL 2018
SUBJECT: BID 204 – BUILDING CONSTRUCTION AND MATERIALS IV

Monday, April 16, 2018

Time: 10:00 – 14:00 Hrs.

Max. Marks: 50

- ✍ **Question No. 1 is Compulsory.**
✍ **Answer any THREE out of question number 2, 3, 4, and 5.**

1. Design a partition for an architect's office separating the director's cabin from the waiting. 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. What are the advantages and disadvantages of using sustainable green materials in interiors?

(5+5 = 10 marks)
3. What are interior partitions? Mention at least two types of partition walls with detailed sketches and write about its advantages and disadvantages.

(2+8 = 10 marks)
4. Design a single module which can be repeated multiple times to create an attractive display unit for a living space. Sketch the details of the module and the fixing details for the same.

(5+5 = 10 marks)
5. Explain how following Ergonomics and maintaining improved air quality can improve the health of occupant in an office environment.

(5+5 = 10 marks)

