

B.Des. Semester-VII Examination 2014

Specialization in Furniture & Interior

Materials & Process-III

Paper : FI-VII/03

Time : Three Hours

Full Marks : 40

Questions are of value as indicated in the margin.

Group - A

Attempt **any four** of the following.

1. What do you understand by the term 'stone'? In few words explain the types of stone with example. 1+4=5
2. What factors govern the selection of stones for building, interior and architectural work? 5
3. What is artificial stone, with example? Write the advantages of using artificial stones. 2+3=5
4. What is ordinary cement? Write the composition of ordinary cement. Name some types of cement available in market. 1+2+2=5
5. Write short note (**any five**) : 5×1=5
(i) Granite (ii) Kota stone (iii) Mortar (iv) Bricks (v) Sandstone & limestone
(vi) Metamorphic rocks.

Group - B

Attempt **any four** of the following.

6. Distinguish between 'thermoplastics' & 'thermosetting plastics'. Write down some commercial name with their applications. 3+2=5
 7. Name various types of glass and their application. 5
 8. Write a short history of ceramic. Explain various stages in ceramic manufacturing from clay modelling to firing. 2+3=5
 9. What is glazing? Name different elements/components added during glazing and write their utility. 2+3=5
 10. Write a brief note on : 2.5+2.5=5
(i) FRP
(ii) Acoustic materials
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