

**B.Des. Examination, 2016**  
**Specialization in Furniture & Interior**  
**Semester - VII**  
**Paper: FI-VII/03**  
**( Material & Process-III )**

**Time: Three Hours**

**Full Marks: 40**

Questions are of equal value or as indicated in the margin.  
Attempt *any four* questions.

1. Write the chemical classification of stone. Distinguish between metamorphic rock and igneous rock. 4+6=10
  2. a) Write down the ingredients of glass. Briefly describe the types of glass.  
b) Explain different type of clay products and their properties. 5+5=10
  3. Explain with example sedimentary rocks. 10
  4. a) Explain different type of plastics. Write down the name of some commercial plastic and their application.  
b) Write short notes on:
    - i) Polymerization
    - ii) Gypsum
    - iii) Plaster of Paris
    - iv) Adhesives
    - v) R.C.C. 5+5=10
  5. What is artificial stone? Write the advantages and disadvantages of natural stone and artificial stone. 3+7=10
  6. Write short notes (*any five*): 5x2=10
    - a) Cement
    - b) Marble
    - c) Ornamentation of stone work
    - d) Kota stone
    - e) Granite
    - f) Lime stone
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