

Sem. 2nd/ Ceramic
Sub. : Ceramic Fabrication

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Shaping of any ceramic article is called
a) Ceramic fabrication b) Ceramic distribution
c) Ceramic decoration d) None of these
- Q.2 Moisture content in dry pressing is-
a) 0-4% b) 10-20%
c) 25-50% d) All of these
- Q.3 Which machine is used for shaping in case of plastic body?
a) Potter wheel b) Screw press
c) Moulding machine d) None of these
- Q.4 Removal of water from shaped ware is carried out in-
a) Dryer b) Mixer
c) Agitator d) none of these

- Q.5 _____ has highest plasticity.
- a) Bentonite clay b) China clay
c) Feldspar d) None of these
- Q.6 Biscuit firing of ceramic ware is carried out in-
- a) Kiln b) Oven
c) Dryer d) All of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Quartz is fluxing materials. (T/F)
- Q.8 Filter press is used most commonly in ceramic industries for dewatering process. (T/F)
- Q.9 Primary clay is found near original bed. (T/F)
- Q.10 Warpage is the main defect in drying process. (T/F)
- Q.11 Hot floor dryer is an example of Batch dryer. (T/F)
- Q.12 Glaze firing is also known as glost firing. (T/F)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Name any two type of feldspar with formula.
- Q.14 Name any four fabrication method.

- Q.15 Write properties and uses of quartz.
- Q.16 Explain drying process.
- Q.17 Explain Blunging process.
- Q.18 Explain jiggering and jollying for shaping method.
- Q.19 Write the important parameter of pressing process.
- Q.20 Define drying. Write its importance.
- Q.21 Difference between glost and biscuit firing.
- Q.22 Explain ordinary pug mill.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain classification of clays with examples.
- Q.24 With the help of flow chart explain manufacturing of Bone Cine plate.
- Q.25 Explain screw press with sketch diagram.