

### SECTION-D

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

- Q.23 Explain screening and Agitating process.
- Q.24 Explain classification of clay, with examples.
- Q.25 Manufacturing of Bone china plate with the help of flow chart.

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220421

### 2nd Sem. / Ceramic

### Subject : Ceramic Fabrication

Time : 3 Hrs.

M.M. : 60

### SECTION-A

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

- Q.1 Percentage of moisture contain in plastic making body is-
- a) 25-50%                      b) 18-22%
- c) 4-9%                         d) 0-4%
- Q.2 Clay are formed by decomposition of parental rocks is-
- a) Colluvial clay              b) Primary clay
- c) Transported clay         d) None of these
- Q.3 Which type of machine used for shaping in plastic method?
- a) Pressing machine
- b) Jigger & Jolly machine
- c) Moulding machine
- d) All of these

- Q.4 Name of continuous dryer is-
- a) Chamber dryer      b) Tunnel dryer
- c) Batch dryer      d) Oven dryer
- Q.5 Which of the following clay is highest plasticity?
- a) Ball clay      b) Bentonite
- c) Alumina clay      d) All of these
- Q.6 Firing of ceramic ware 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 China clay is white burning clay. (T/F)
- Q.8 Filter press is used most commonly in ceramic industries for dewatering process. (T/F)
- Q.9 The main purpose of deflocculating agents is to keep of casting slip in suspension. (T/F)

- Q.10 Cracking is the main defect in drying process. (T/F)
- Q.11 Batch dryer is an example of dryer. (T/F)
- Q.12 \_\_\_\_\_ clay are found near original bed. (Primary/Secondary)

### SECTION-C

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

- Q.13 Tell role of clay.
- Q.14 Name any four fabrication method.
- Q.15 Write properties and uses of feldspar.
- Q.16 Write composition of bone china body.
- Q.17 Explain magnetization process.
- Q.18 Explain jiggering and jollying for shaping method.
- Q.19 Write advantage of plastic mixing process.
- Q.20 Define drying.
- Q.21 Difference between glost and biscuit firing.
- Q.22 Write working of blunger.