

No. of Printed Pages : 4
Roll No.

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 Shaping of any ceramic article is called-
- a) ceramic fabrication
 - b) Ceramic classification
 - c) Ceramic utilization
 - d) None of these
- Q.2 Clay are formed by decomposition of parental rocks is-
- a) Primary clay b) Secondary clay
 - c) Transported clay d) All of these
- Q.3 Which types of machine used for shaping in plastic method?
- a) Potter wheel b) Screw press
 - c) Moulding machine d) All of these

- Q.4 Tunnel dryer is-
- a) Continous dryer b) Single dryer
 - c) Batch dryer d) None of these
- Q.5 _____ has highest plasticity.
- a) Bentonite clay b) China clay
 - c) Clay d) None of these
- Q.6 Firing of ceramic ware is carried out is-
- a) Hot plate b) Oven
 - c) Dryer d) Kiln

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

- Q.7 Feldspar 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 are found near original bed. (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 After glaze firing is called. (Biscuit firing / glost firing)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

- Q.13 Name any two type of feldspar with formula.
- Q.14 Name any four fabrication method.
- Q.15 Write properties and uses of feldspar.
- Q.16 Write composition of bone chine body.
- Q.17 Explain Blunging process.
- Q.18 Explain jiggering and jollying for shaping method.
- Q.19 Write advantages of plastic mixing process.
- Q.20 Define drying. Write its importance.
- Q.21 Difference between glost and biscuit firing.
- Q.22 Explain pugging process.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

- Q.23 Explain slip casting process.
- Q.24 Explain classification of clays with examples.
- Q.25 With the help of flow chart explain manufacturing of Bone china plate.