

2nd Year / Ceramic
Subject : Ceramic Fabrication

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Dry powder material is used in-
- a) Casting
 - b) Pressing
 - c) Throwing process
 - d) All of these
- Q.2 Melting temperature of feldspar is-
- a) 1100°C
 - b) 500°C
 - c) 200°C
 - d) 100°C
- Q.3 Clay help in-----of ware.
- a) Shaping
 - b) Drying
 - c) Coloring
 - d) None of these

Q.4 Removal of water from shaped ware in-

- a) Dryer
- b) Blunger
- c) Mixer
- d) All of these

Q.5 Iron particle remove in this process-

- a) Magnetization
- b) Pumping
- c) Screening
- d) Agitation

Q.6 Biscuit firing done in-

- a) Kiln
- b) Oven
- c) Dryer
- d) None of these

SECTION-B

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

Q.7 Trimming is the process of ----- (finishing/drying)

Q.8 Sodium silicate is an example of deflocculant. (T/F)

Q.9 Tunnel kiln is used for firing of ceramic ware. (T/F)

Q.10 Percentage of water in plastic mass 50 to 60 %. (T/F)

Q.11 Extrusion process is used for shaping. (T/F)

Q.12 Glaze firing is also known as biscuit firing . (T/F)

SECTION-C

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

Q.13 Name any four type of clays.

Q.14 Write properties and uses of Bentonites.

Q.15 Explain surface finishing method.

Q.16 Explain advantage of dry mixing method.

Q.17 Explain working of potter wheel.

Q.18 Define drying . Write its importance.

Q.19 Explain working of chamber dryer with sketch.

Q.20 Name four type of kilns.

Q.21 Write composition of dental porcelain .

Q.22 Explain external factor effecting drying.

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 screening and filtering process.

Q.25 Manufacturing of floor tile with the help of flow chart.