

- Q.20 Explain abrasion resistance .
- Q.21 How crawling can be prevented .
- Q.22 Describe dental porcelain.

#### SECTION-D

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

- Q.23 Explain determination of loss on ignition and water absorption.
- Q.24 Define glaze and classification of glaze.
- Q.25 Explain health and safety in ceramic industry.

No. of Printed Pages : 4  
Roll No. ....

220452

#### 5th Sem./ Ceramic Engg. Subject : Whiteware and glazes

Time : 3 Hrs.

M.M. : 60

#### SECTION-A

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

- Q.1 Brick ware is the example of-
- a) Heavy clay ware      b) Hard clay ware
- c) Light clay ware      d) None of these
- Q.2 Sanitary body can be -
- a) Stone ware body      b) Snow ware body
- c) Terracotta body      d) None of these
- Q.3 Blistering are \_\_\_\_ in glaze.
- a) Small bubbles      b) stones
- c) Big bubbles      d) None of these

Q.4 Vitrified tiles have -

- a) High Water absorption
- b) Low water absorption
- c) Less strength
- d) none of these

Q.5 Crazeing can be checked by-

- a) Autoclave                      b) Vicat apparatus
- c) Kiln                              d) All of these

Q.6 Thermal shock resistance of a ware depend on-

- a) Holding time                  b) Plasticity
- c) Hard material                d) None of these

### SECTION-B

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

Q.7 Stone ware body is opaque body. (T/F)

Q.8 Wall tile is fully vitrified. (T/F)

Q.9 Denting defect is glaze defect. (T/F)

Q.10 The major raw material in dental porcelain body is \_\_\_\_\_. (Feldspar/Talc )

Q.11 Salt glazed ware have high resistance to chemical attack.. (T/F)

Q.12 Methyl blue solutions is used in corrosion test. (T/F)

### SECTION-C

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

Q.13 Define earthen ware body.

Q.14 Explain determination of plasticity .

Q.15 Write importance of labeling of hazardous ceramic materials .

Q.16 Describe the term porosity .

Q.17 Explain properties of common building bricks .

Q.18 Draw flow chart of wall tiles manufacturing process.

Q.19 Describe causes and prevention of pin holes.