

SECTION-D

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

- Q.23 Determination of drying and firing shrinkage of ceramic body.
- Q.24 Define Factor affecting breakdown of electric insulator.
- Q.25 Explain health and safety procedures in ceramic industry.

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Roll No.

5th Sem / Ceramic

Subject : Whiteware and Glazes

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Common building brickware is example of-
- a) Heavy clay ware b) Fine clay ware
c) Light clay wares d) None of these
- Q.2 Sanitary ware 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 Craze defect can be checked by-
- a) Autoclave
 - b) Vicat apparatus
 - c) Kiln
 - d) None of these

- Q.6 Thermal shock resistance of ware depend on-
- a) Holding time
 - b) Hard material
 - c) Plasticity
 - d) All of these

SECTION-B

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

- Q.7 Stoneware body is opaque body. (T/F)
- Q.8 Floor tile is high porosity body. (T/F)
- Q.9 Dunting defect is glaze effect. (T/F)
- Q.10 The major raw material in dental porcelain body is _____. (Feldspar/Mgo)

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- Q.11 Salt glazed pipe have high resistance to chemical attack. (T/F)
- Q.12 Loss on ignition test is used to determine _____. (Organic matter / Plasticity)

SECTION-C

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

- Q.13 Define stonewares body.
- Q.14 Explain determination of plasticity.
- Q.15 Write importance of labeling hazardous ceramic materials.
- Q.16 Determination of loss on ignition.
- Q.17 Explain properties of face bricks.
- Q.18 Draw flow chart of floor tiles manufacturing process.
- Q.19 Describe causes and prevention of crazing.
- Q.20 Explain glaze and composition of glaze.
- Q.21 How cracks and warpage can be prevented.
- Q.22 Describe dental porcelain body.

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