

- Q.24 Describe porosity.
 - Q.25 How salt glazed pipe made?
 - Q.26 Compare wall tile and floor tile.
 - Q.27 Write procedure of testing water of plasticity.
 - Q.28 Explain classification of brick ware.
 - Q.29 Explain the disposal of hazardous materials.
 - Q.30 Flow chart of stone ware body.
 - Q.31 How crazing can be prevented?
 - Q.32 Define abrasion resistance.
 - Q.33 Define denting. How it can be prevented?
 - Q.34 Explain dental porcelain.
 - Q.35 Define crawling.

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5th Sem. / Ceramic Engg.

Subject:- Ceramic Whiteware Tech-II

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Soda lime bricks ware is example of-

 - a) Heavy clay ware
 - b) Bone China ware
 - c) Hotel ware
 - d) All of these

Q.2 Heavy clay ware includes-

 - a) Brick ware
 - b) Insulator
 - c) Table ware
 - d) All of these

Q.3 Bone china ware bodies are-

 - a) Translucent
 - b) Transparent
 - c) Opaque
 - d) None of these

Q.4 Sanitary ware body can be-

 - a) Bone china
 - b) Stone ware
 - c) Terracotta
 - d) None of these

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Describe the manufacturing process of floor tiles and its properties.
 - Q.37 Explain about health and safety parameter in ceramic industry.
 - Q.38 Explain defect of ceramic body in detail.

Q.5 Floor tiles type are-

- a) Full body vitrified
- b) Double charge vitrified
- c) Both a & b
- d) None of these

Q.6 Stone ware bodies are-

- a) Opaque
- b) Moderate translucency
- c) High translucency
- d) None of these

Q.7 L.O.I. stands for-

- a) Loss on Ignition
- b) Loss of Ignition
- c) Loss or Ignition
- d) None of these

Q.8 Denting can occur in-

- a) Glaze
- b) Body
- c) Both a & b
- d) None of these

Q.9 Pneumoconiosis result due to inhalation of-

- a) Hydrogen
- b) Silica dust
- c) Nitrogen
- d) None of these

Q.10 Drying of ceramic white ware is done in-

- a) Dry oven
- b) Auto clave
- c) Micro oven
- d) None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.11 Low tension insulator are used below 440 volt. (T/F)

Q.12 Dental porcelains are used for capping of teeth. (T/F)

Q.13 Terracotta body is with glaze. (T/F)

Q.14 Salt glazed pipes are used for sewage applications. (T/F)

Q.15 Steatite is used in high tension insulator. (T/F)

Q.16 Drum test is used to determine abrasion resistance. (T/F)

Q.17 White ware is triaxial body. (T/F)

Q.18 Sand blast test is used to determine abrasion resistance. (T/F)

Q.19 Roller kiln is used for firing of tile. (T/F)

Q.20 Hotel ware are opaque. (T/F)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

Q.21 Explain terracotta body.

Q.22 Explain slip casting.

Q.23 Explain determination of loss on ignition.