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220452

**5th Sem. / Ceramic
Subject : White ware and Glazes**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)

- Q.1 Earthenware bodies is generally less dense than-
- a) Stoneware
 - b) Porcelain
 - c) Bone china
 - d) All of these
- Q.2 Heavy clay ware includes-
- a) Brick ware
 - b) Bone china ware
 - 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) Stone ware
 - b) Earthen ware
 - c) Terracotta
 - d) Porcelain ware
- Q.5 L.O.I. stands for -
- a) Loss on ignition
 - b) Loss of ignition
 - c) Loss or ignition
 - d) None of these

- Q.6 Denting can occur in -
a) Glaze b) Body
c) Both A & B d) None of these

Section-B

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

- Q.7 Dental porcelains are used for capping of teeth.
(True/False)
- Q.8 Salt glazed pipes are used for sewage applications.
(True/False)
- Q.9 Stoneware body is _____. (Glazed/Unglazed)
- Q.10 Crawling is the defect of glaze. (True/False)
- Q.11 _____ is defects of drying. (Cracks/Crazing)
- Q.12 Low tension insulators are used below _____ volts. (440/140)

Section-C

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

- Q.13 Explain Earthenware body.
- Q.14 Explain porcelain ware body.
- Q.15 Explain determination of loss on ignition.
- Q.16 Describe porosity.

- Q.17 How salt glazed pipe made.
- Q.18 Explain dental porcelain.
- Q.19 Write procedure of testing water of plasticity.
- Q.20 Explain paving brick.
- Q.21 Define abrasion resistance.
- Q.22 Define denting. How it can be prevented.

Section-D

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

- Q.23 Describe the manufacturing process of floor tiles and its properties.
- Q.24 Explain about health and safety parameter in ceramic industry.
- Q.25 List if defect in ceramic bodies. Explain Crawling and Pinhole.