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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. (6x1=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. (8x4=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. (2x8=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.