

- Q.27 Explain health and safety measures in ceramic industries.
- Q.28 Explain thermal shock resistance test.
- Q.29 Tell about glaze.
- Q.30 Explain blistering.
- Q.31 Explain plasticity.
- Q.32 Explain chemical stone ware.
- Q.33 Explain rolling.
- Q.34 Explain wall tile.
- Q.35 Explain bone china ware.

SECTION-D

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

- Q.36 Describe manufacturing process of floor tiles and explain its properties and uses.
- Q.37 Explain loss on ignition test in detail.
- Q.38 Explain
- Sanitary ware
 - Health and safety parameter in industries.

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5th Sem / Branch : Ceramic Engg. Sub.: Ceramic White Ware Tech.-II

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Salt glazing is done by _____.
 a) By spraying salt in kiln
 b) Glazing ware with salt
 c) By mixing salt
 d) None
- Q.2 Floor tiles types are _____.
 a) Full body vitrified
 b) Double charge vitrified
 c) Both A & B
 d) None of these
- Q.3 Firing of ceramic white ware product is done in _____.
 a) Micro oven b) Kiln
 c) Dry oven d) None of these
- Q.4 Hotel ware are _____.
 a) Transparent b) Opaque
 c) Translucence d) Non vitrified

- Q.5 LOI can be due to _____ in raw material
- Physical water present
 - Volatile matter
 - Organic matter
 - All of the above
- Q.6 Heavy clay ware include _____.
- Bricks
 - Wall tile
 - Insulator
 - Dental porocelain
- Q.7 Corrosion test on white ware is done to check resistance to _____
- Stains
 - Abrasion
 - Chipping
 - Crack
- Q.8 Dental force are
- Non toxic
 - Non-allergic
 - High duster
 - All of the above
- Q.9 Low tension insulators are used below-
- 220 Volt
 - 440 Volt
 - 520 Volt
 - 920 Volt
- Q.10 The major raw materials in bone china is
- China clay
 - Bone ash
 - Cornish clay
 - Flint

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SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Cracks is firing defect. (True/False)
- Q.12 The formula to find density is _____.
- Q.13 The formula to find porosity is _____.
- Q.14 Clay shows plasticity after addition of _____. (Water/sand)
- Q.15 Hotel ware are translucent. (True/False)
- Q.16 _____ is a type of glaze defects.
- Q.17 _____ is an example of electrolyte.
- Q.18 Blistering are _____ in glaze.
- Q.19 Dry oven is an example of dryer. (True/False)
- Q.20 Vitrified tiles have _____.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Discuss brick ware.
- Q.22 Discuss terra cotta body.
- Q.23 Describe composition of floor tile.
- Q.24 Tell properties and uses of insulator.
- Q.25 Discuss loss on ignition test.
- Q.26 List defects of ceramic ware.

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