

- Q.24 Describe the porosity.
- Q.25 Explain impact resistance.
- Q.26 Explain classification of brick ware.
- Q.27 Draw flow chart of wall tiles manufacturing process.
- Q.28 Explain the determination of apparent porosity.
- Q.29 Describe causes and prevention of pin holes.
- Q.30 Explain abrasion resistance.
- Q.31 Write basic raw material of bone china body and give its composition.
- Q.32 How crawling can be prevented.
- Q.33 Describe dental porcelain.
- Q.34 Explain safety precautions to be taken during of glazing.
- Q.35 Explain impact resistance.

SECTION-D

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

- Q.36 Explain determination of loss on ignition and thermal shock resistance.
- Q.37 Write causes and prevention of crawling and pinholes.
- Q.38 Explain about health and safety parameter in ceramic industry.

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No. of Printed Pages : 4 180452/120452/030452
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5th Sem / Ceramic Subject:- Ceramic Whiteware Technology - II

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Brick ware is the example of-
- a) Heavy clay ware
 - b) Hard clay ware
 - c) Light clay ware
 - d) None of these
- Q.2 Sanitary body can be-
- a) Stone ware body
 - b) Snow ware body
 - c) Terracotta body
 - d) None of these
- Q.3 Colour of bone china body is-
- a) White
 - b) Red
 - c) Grey
 - d) None of these
- Q.4 Blistering are _____ in glaze.
- a) Small bubbles
 - b) Stones
 - c) Big bubbles
 - d) None of these

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Q.5 Vitrified tiles have -

- a) High Water Absorption
- b) Low water absorption
- c) Less strength
- d) None of these

Q6 High tension insulator are used above -

- a) 440 Volt
- b) 220 Volt
- c) 110 Volt
- d) 100 Volt

Q.7 Percentage of water absorption in wall tiles is-

- a) 3-6
- b) 20-30
- c) 40-50
- d) None of these

Q8 Hotel wares are -

- a) Opaque
- b) Transparent
- c) Translucency
- d) All of these

Q.9 Crazing can be checked by -

- a) Autoclave
- b) Vicat apparatus
- c) Kiln
- d) All of these

Q.10 Thermal shock resistance of a ware depend on -

- a) Holding time
- b) Plasticity
- c) Hard material
- d) None of these

SECTION-B

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

Q.11 Crazing is glaze defect. (T/F)

Q.12 Stone ware body is opaque body. (T/F)

Q.13 Bone china body is white in colour. (T/F)

Q.14 Wall tile is fully vitrified. (T/F)

Q.15 Denting defect is glaze defect. (T/F)

Q.16 Sulphuring appears as dull patches on glaze. (T/F)

Q.17 Low tension insulator are used above 440 Volt. (T/F)

Q.18 The major raw material in dental porcelain body is _____ (Feldspar / Talc)

Q.19 Salt glazed ware have high resistance to chemical attack. (T/F)

Q.20 Methyl blue solution is used in corrosion test. (T/F)

SECTION-C

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

Q.21 Define earthen ware body.

Q.22 Explain determination of plasticity.

Q.23 Write importance of labeling of hazardous ceramic materials.