

- 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 questions. Attempt any two question 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.

No. of Printed Pages : 4
Roll No.

180452/120452/030452

**5th Sem., Branch : Ceramic
Subject : Ceramic White ware Technology - II**

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple type 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 chine 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
- Q.5 Vitrified tiles have -
a) High water absorption
b) Low water absorption
c) Less strength
d) None of these

- Q.6 High tension insulator's are used above-
- a) 440 Volt
 - b) 220 Volt
 - c) 110 Volt
 - d) 100 Volt
- Q.7 Percentage of water absorption in wall tile is -
- a) 3-6
 - b) 20-30
 - c) 40-50
 - d) None of these
- Q.8 Hotel wares are -
- a) Opaque
 - b) Transparent
 - c) Translucency
 - d) All of these
- Q.9 Crazing can be checked by
- a) Autoclave
 - b) Vicat appratus
 - 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. (True/False)
- Q.12 Stone ware body is opaque body. (True/False)
- Q.13 Bone china body is white in color. (True/False)
- Q.14 Wall tile is fully vitrified. (True/False)
- Q.15 Dunting defect is glaze defect. (True/False)

- Q.16 Sulphuring appears as dull patches on glaze. (True/False)
- Q.17 Low Tension insulator are used above 440 Volt. (True/False)
- Q.18 The major raw material in dental procelain body is _____ (Feldspar/Talc)
- Q.19 Salt glazer ware have high resistance to chemical attack. (True/False)
- Q.20 Methyl blue solutions is used in corrosion test. (True/False)

Section-C

Note: Short answer type Question. 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.
- 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.