

- Q.32 Explain classification of brick ware?

Q.33 How low tension insulators are made? Explain in brief.

Q.34 Write health hazards in Ceramic industry.

Q.35 Name five defects of ceramic product.

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5th Sem / Ceramic Engineering
Sub. : Cermaic Whiteware Tech-II

Time : 3Hrs. M.M. : 100

SECTION-A

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

Q.1 Which of the following is type of brick?
a) Face Brick b) Soda Brick
c) Calcium Brick d) All of these

Q.2 Blue bricks are made from raw materials having
a) Low iron content
b) High iron content
c) High Zirconia content
d) Low zirconia content

Q.3 Wall tiles have _____% water absorption.
a) 30-40% b) 20-30%
c) 3-6% d) 0%

Q.4 Low tension insulators are used below
a) 200 volt b) 440 volts
c) 11000 volt d) 22000 volt

Q.5 Abrasion resistance can be checked by
a) Autoclave b) Dryer
c) Moh's Scale d) Chemical test

Q.6 Dunting results in

- a) Pin holes b) Crawling
 - c) Cracks d) Rolling
- Q.7 Crawling is the defect of
- a) Glaze b) Body
 - c) Both A & B d) None of the above
- Q.8 Pin holes are
- a) Small Holes b) Big holes
 - c) Short Crack d) Long Crack
- Q.9 LOI stands for
- a) Loss on ignition b) Low of ignition
 - c) Loss of ink d) All of the above
- Q.10 Sand blast test is used to determine _____ resistance
- a) Thermal shock b) Peeling
 - c) Crazing d) Abrasion Resistance

SECTION-B

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

- Q.11 Crazing is glaze defect. (True/False)
- Q.12 _____ is one type of brick ware. (Face Brick/Salt Brick)
- Q.13 Salt glazed pipes are used for sewage applications. (True/False)
- Q.14 Dental porcelains are used for capping of teeth. (True/False)
- Q.15 Low tension insulators are used above 440V. (True/False)

- Q.16 Dental porcelains are used for capping of teeth. (True/False)
- Q.17 _____ is one type of defect is glaze. (Crazing/Chemical)
- Q.18 Pneumoconiosis results due to inhalation of _____. (Silica/Benzene)
- Q.19 Drum test is used to determine water of plasticity. (True/False)
- Q.20 Apparent porosity is the ratio of _____ pores to the total volume of material. (Open/Closed)

SECTION-C

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

- Q.21 Explain determination of loss on ignition.
- Q.22 Write importance of labeling of hazardous materials.
- Q.23 Explain the disposal of hazardous ceramic materials.
- Q.24 Explain manufacturing of salt glazed pipes.
- Q.25 Define the term Porosity. Name its types.
- Q.26 Describe causes and prevention of pin holes.
- Q.27 Define dunting. How it can be prevented.
- Q.28 Explain Determination of Thermal shock Resistance.
- Q.29 How will you determine Abrasion resistance? Explain.
- Q.30 Explain manufacture of bone china ware in brief.
- Q.31 Compare wall tile and floor tile.