

## SECTION-D

**Note:** Long answer type questions. Attempt any three questions out of four questions. 3x10=30

Q.33 Explain thermal shock resistance and abrasion properties of ceramic body.

Q.34 Describe manufacturing process of floor tile and its properties.

Q.35 Explain about health and safety parameter in ceramic industry.

Q.36 Write short note on following :-

a) Bone china body    b) Brushing

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**5th Sem. / Ceramic Engg.**

**Subject : Ceramic Whiteware Tech-II**

Time : 3 Hrs.

M.M. : 100

## SECTION-A

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

Q.1 \_\_\_\_\_ is one type of defect in glaze body.

Q.2 The formula of density is \_\_\_\_\_.

Q.3 Formula of Porosity is \_\_\_\_\_.

Q.4 Clays show plasticity show. \_\_\_\_\_  
(with water/ without water)

Q.5 Formula of bone ash is \_\_\_\_\_.

Q.6 Complete the formula  $\text{Al}_2\text{O}_3$  \_\_\_\_\_  $2\text{SiO}_2$ .

Q.7 \_\_\_\_\_ is example of electrolyte.

Q.8 Terracotta body is \_\_\_\_\_. (glaze body or without glaze body)

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Q.9 Peeling defect is \_\_\_\_\_. (body defect/  
glaze defect)

Q.10 \_\_\_\_\_ is one type of Porosity.

### SECTION-B

**Note:** Very short answer type questions. Attempt any  
ten questions out of twelve questions. 10x2=20

Q.11 Define stoneware.

Q.12 Define frit.

Q.13 Define density.

Q.14 Explain terracotta body.

Q.15 Explain bone china body.

Q.16 Write the composition of floor tile.

Q.17 Define glaze.

Q.18 Explain loss on ignition.

Q.19 Explain dunting.

Q.20 Write two examples of sanitary body.

Q.21 Define earthenware body.

Q.22 How many type of insulator.

### SECTION-C

**Note:** Short answer type questions. Attempt any eight  
questions out of ten questions. 8x5=40

Q.23 Describe dental porcelain.

Q.24 Explain chemical resistance of ceramic body.

Q.25 Explain the safety point of glazed application.

Q.26 Describe the porosity.

Q.27 Explain abrasion resistance.

Q.28 How salt glazed pipe made?

Q.29 Write basic raw material of stoneware body and  
give composition.

Q.30 Explain impact resistance.

Q.31 Compare wall tile and floor tile.

Q.32 How crazing can be Prevented?

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