

**4th Sem. / Ceramic Engg.  
Subject : White ware Technology**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)**

- Q.1 White ware is generally in colour-
- a) White
  - b) Blue
  - c) Black
  - d) All of these
- Q.2 Water absorption of stone ware is -
- a) 1-5%
  - b) 20-30%
  - c) 30-40%
  - d) None of these
- Q.3 Firing of white ware product in -
- a) Kiln
  - b) Dry over
  - c) Hot plate
  - d) None of these
- Q.4 Translucency of porcelain body is -
- a) Moderate good
  - b) Good
  - c) Negligible
  - d) None of these
- Q.5 Percentage of water in Casting process-
- a) 2-5%
  - b) 20-30%
  - c) 25-40%
  - d) None of these

- Q.6 Example of Tunnel dryer is -  
a) Open dryer      b) Chamber dryer  
c) Continuous dryer      d) None of these

### Section-B

**Note: Objective type questions. All questions are compulsory.** **(6x1=6)**

- Q.7 The chemical formula of Feldspar is  $K_2O \cdot Al_2O_3 \cdot 6SiO_2$ . (True/False)  
Q.8 Terracotta body is unglazed body. (True/False)  
Q.9 Agitator is temporary storage of casting slip. (True/False)  
Q.10 Tunnel kiln is continuous kiln. (True/False)  
Q.11 Sodium silicate is example of deflocculent (True/False)  
Q.12 Warpage is one type of defect formed during drying. (True/False)

### Section-C

**Note: Short answer type Question. Attempt any eight questions out of Ten Questions.** **(8x4=32)**

- Q.13 Describe process of Magnetisation.  
Q.14 Differentiate between terracotta and stoneware.  
Q.15 Tell properties and uses of Andalusite.  
Q.16 Explain process of drying.

- Q.17 List of synthetic prepared raw material. Explain any one.  
Q.18 Explain working of hot press.  
Q.19 List factor affecting drying.  
Q.20 Explain the term jiggering and jollying process.  
Q.21 Explain tunnel dryer.  
Q.22 Explain isostatic pressing.

### Section-D

**Note: Long answer questions. Attempt any two question out of three Questions.** **(2x8=16)**

- Q.23 Describe naturally occurring of raw materials.  
Q.24 Explain construction and working of tunnel kiln with neat sketch.  
Q.25 Explain effect of heat on clay.