

Q.24 Explain construction and working of Continuous kiln.

Q.25 List of defect in white ware bodies. Explain any one.

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**4th Semester/ Ceramic  
Subject : White ware Technology**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Percentage of water absorption in Earthenware body is \_\_\_\_\_.

- a) 4-20%
- b) 20-40%
- c) 40-60%
- d) None of these

Q.2 Non clay plastic raw material is \_\_\_\_\_.

- a) Talc
- b) Silica
- c) Feldspar
- d) All of these

Q.3 Transulancy of porcelain body is \_\_\_\_\_.

- a) Moderate good
- b) Good
- c) Negligible
- d) None of these

Q.4 Name of shaping machine used in white ware industries is \_\_\_\_\_.

- a) Jigger and Jolly      b) Potter wheel  
c) Screw press          d) All of these

Q.5 Which raw material containing silica and alumina

- a) Sillimanite            b) Dolomite  
c) Talc                    d) All of these

Q.6 Name of continuous dryer is \_\_\_\_\_.

- a) Tunnel dryer        b) Shuttle dryer  
c) Batch dryer         d) None of these

### SECTION-B

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

Q.7 The chemical formula of Quartz is \_\_\_\_\_ ( $\text{Al}_2\text{O}_3$  /  $\text{SiO}_2$ ).

Q.8 Terracotta body is unglazed body. (True/False)

Q.9 Isostatic pressing pressure is applied from all side. (True/False)

Q.10 Steatite mineral is very soft material. (True/False)

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Q.11 Tunnel kiln is a continuous kiln. (True/False)

Q.12 Drying rate depend on humidity. (True/False)

### SECTION-C

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

Q.13 Explain white ware.

Q.14 Write properties and uses of Talc.

Q.15 List external factors of drying.

Q.16 Discuss jiggering & jollying process

Q.17 Describe process of Dry pressing.

Q.18 Explain injection moulding.

Q.19 Explain role of defloculant in casting process.

Q.20 List defect of drying.

Q.21 Explain the slip casting process.

Q.22 Explain Crawling.

### SECTION-D

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

Q.23 List different type of shaping methods. Explain any one.

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