

- Q.24 Discuss jiggering & jollying process.
- Q.25 Describe process of filter press.
- Q.26 Explain injection moulding.
- Q.27 Explain role of deflocculent in casting process.
- Q.28 Explain process of drying.
- Q.29 List defect of drying.
- Q.30 Explain demagnatization.
- Q.31 Explain the term Crushing.
- Q.32 Differentiate between batch and tunnel dryer.
- Q.33 Explain slip casting process.
- Q.34 Explain isostatic process.
- Q.35 Write composition of bone china body.

#### **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 List different type of shaping methods. Explain any one.
- Q.37 Explain construction and working of tunnel kiln.
- Q.38 Explain classification of raw materials.

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**4th Sem / Ceramic**  
**Subject:- Ceramic Whiteware Technology - I**

Time : 3Hrs.                            M.M. : 100

#### **SECTION-A**

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

- Q.1 The word "Ceramic" meant for
- a) Burnt material                    b) Soft material
  - c) Hard material                    d) None of these
- Q.2 Major ingredients of traditional ceramic is \_\_\_\_\_
- a) Clay                                b) Silica
  - c) Feldspar                            d) All of these
- Q.3 Which of the following non plastic raw material.
- a) Steatite                            b) Ball clay
  - c) China clay                        d) Clay
- Q.4 Without glaze body is \_\_\_\_\_
- a) Terracotta                        b) Bone china
  - c) Earthenware                        d) Porcelain

**Q.5** Name of shaping machine in white ware industries.

- a) Jigger & Jolly
- b) Oven
- c) Autoclave
- d) None of these

**Q.6** Ball clay is highly -

- a) Plastic clay
- b) Non plastic clay
- c) Both (a) & (b)
- d) None of these

**Q.7** Which raw material containing silica and alumina.

- a) Kyanite
- b) Dolomite
- c) Talc
- d) Steatite

**Q.8** Name of the continuous dryer is -

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

**Q.9** Classification of ceramic body is-

- a) Earthen ware
- b) Stone ware
- c) Porcelain ware
- d) All of these

**Q.10** Name of electrolyte is-

- a) Sodium silicate
- b) Silica
- c) Steatite
- d) All of these

## **SECTION-B**

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

**Q.11** Red bricks is the example of terracotta . (T/F)

**Q.12** The formula of clay is \_\_\_\_\_

**Q.13** The formula of Kyanite is  $\text{Al}_2\text{O}_3 \cdot \text{SiO}_2$ . (T/F)

**Q.14** Isostatic pressing pressure is applied from all side. (T/F)

**Q.15** Talc mineral is very soft. (T/F)

**Q.16** Chamber drier is example of dryer. (T/F)

**Q.17** Silica is the example of deflocculant. (T/F)

**Q.18** Plaster of paris is used in making of mould. (T/F)

**Q.19** Tunnel kiln is a continuous kiln. (T/F)

**Q.20** Drying rate depend on humidity. (T/F)

## **SECTION-C**

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

**Q.21** Explain white ware.

**Q.22** Write properties and uses of andalusite.

**Q.23** List external factor of drying.