

- Q.27 Explain stoneware body.  
 Q.28 Explain hot pressing.  
 Q.29 List defects of drying.  
 Q.30 Explain process of injection moulding.  
 Q.31 Explain white ware.  
 Q.32 Explain demagnetization  
 Q.33 Explain batch drier.  
 Q.34 Explain role of deflocculents.  
 Q.35 Explain finishing operation.

#### SECTION-D

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

- Q.36 Explain Isostatic pressing with the help of schematic diagram.  
 Q.37 Explain the followings  
 a) Filter press  
 b) Bone ash  
 Q.38 Describe naturally occurring 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 \_\_\_\_\_ is example of heavy clay ware.  
 a) china ware                      b) brick  
 c) insulators                      d) porcelain  
 Q.2 \_\_\_\_\_ is main raw materials used in white ware.  
 a) Clay                                  b) Quartz  
 c) Feldspar                          d) none  
 Q.3 Which of the following non plastic raw materials?  
 a) Ball clay                          b) Clay  
 c) Quartz                              d) China clay  
 Q.4 \_\_\_\_\_ is shaping machine used in white ware industries.  
 a) Autoclave                          b) Vi-cat apparatus  
 c) Jigger & Jolly                      d) oven

- Q.5 Blunger is used for mixing of \_\_\_\_\_
- a) Water & clay                      b) Two type of clay  
c) Quartz & clay                      d) None of these
- Q.6 \_\_\_\_\_ is the process of Finishing.
- a) Sponging                              b) Making  
c) Shaping                                d) None of these
- Q.7 Both heat and pressure are applied to shape the body in \_\_\_\_\_ pressing.
- a) hot                                        b) dry  
c) cold                                      d) spray
- Q.8 LOI stands for
- a) Loss of ignition                      b) Loss at ignition  
c) Loss and ignition                    d) Loss on ignition
- Q.9 \_\_\_\_\_ are used in casting slip to cast body.
- a) mould                                    b) press  
c) iron                                        d) None of these
- Q.10 Percentage of water in dry Pressing is \_\_\_\_\_.
- a) 20-15%                                b) 14-10%  
c) 0-4 %                                    d) 40-50%

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## SECTION-B

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

- Q.11 Water absorption of stoneware body is \_\_\_\_\_ %
- Q.12 The formula of alumina is \_\_\_\_\_.
- Q.13 The formula of silica is \_\_\_\_\_.
- Q.14 Terracota body is \_\_\_\_\_. (glazed/ unglazed)
- Q.15 \_\_\_\_\_ is example of deflocculents.
- Q.16 Formula of plaster of Paris is \_\_\_\_\_.
- Q.17 White ware is triaxial body. (True/False)
- Q.18 \_\_\_\_\_ is defects of drying. (cracks/crazing)
- Q.19 \_\_\_\_\_ is an example of dryer.
- Q.20 Downdraft kiln is used for firing of tiles. (True/False)

## SECTION-C

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

- Q.21 Discuss scope of pottery.
- Q.22 Discuss feldspar.
- Q.23 Describe process of sieving.
- Q.24 Tell properties and uses of clay.
- Q.25 Discuss slip casting of shaping method.
- Q.26 List synthetically prepared raw materials.

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