



- Q.5 Firing of ceramic whiteware product is carried out at
- a) Kiln                                      b) Oven  
c) Both a & b                                d) None of these
- Q.6 The drying rate depends on
- a) Temperature                            b) Humidity  
c) Flow of air                                d) All of these
- Q.7 Magnetic separator is used for
- a) Sieving                                    b) Crushing  
c) Grinding                                    d) De magnetizing
- Q.8 Name of shaping machine used in whiteware industries
- a) Jigger & Jolly                            b) Autoclave  
c) Vicat's apparatus                        d) All of these
- Q.9 Pebbles are used in
- a) Grinding media                            b) Crushing media  
c) Sieving media                              d) All of these
- Q.10 Efficiency of ball mill depends on
- a) Speed of mill                              b) Quantity of balls  
c) Size of balls                                d) All of these

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## SECTION-B

- Note:** Objective type questions. All questions are compulsory. 10x1=10
- Q.11 Complete the formula of clay :  $Al_2O_3$  \_\_\_\_\_  $2H_2O$
- Q.12 Feldspar is used as flux. (True/False)
- Q.13 In isostatic pressing pressure is applied from two sides. (True/False)
- Q.14 Crack is one type of defect formed during drying. (True/False)
- Q.15 Water absorption of porcelain body is \_\_\_\_\_.  
(10 to 20%, 0 to 0.5%)
- Q.16 The formula alumina is \_\_\_\_\_.
- Q.17 The formula of Andalusite is \_\_\_\_\_.
- Q.18 Bone ash is major constituent of bone china body. (True/False)
- Q.19 Formula of Plaster of Paris is \_\_\_\_\_.
- Q.20 The chemical formula of silica is \_\_\_\_\_.

## SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. 12x5=60
- Q.21 Explain factors effecting drying.
- Q.22 List properties and uses of sillimanite.
- Q.23 Name synthetically prepared raw materials. Explain any one.

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