

- Q.26 Explain process of drying.
- Q.27 List of synthetic prepared raw material. Explain any one.
- Q.28 Explain the term grinding.
- Q.29 Explain role of deflocculant in casting slip.
- Q.30 Explain working of screw press.
- Q.31 List factor affecting drying.
- Q.32 Explain the term batting.
- Q.33 Explain tunnel dryer.
- Q.34 Explain isostatic pressing.
- Q.35 Explain effect of heat on ceramic bodies.

SECTION-D

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

- Q.36 Describe naturally occurring of raw materials.
- Q.37 Explain construction and working of tunnel kiln.
- Q.38 Explain slip casting method of shaping of whiteware.

No. of Printed Pages : 4
Roll No.

180442/120442/030442

4th Sem.

Branch :Ceremic

Sub.: Ceramic Whiteware Technology-I

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Q.1 Product is generally white in colour-
- a) Whiteware b) Refractory ware
- c) Glassware d) All of these
- Q.2 Water absorbtion of earthenware is –
- a) 14-20% b) 30-40%
- c) 40-50% d) 50-60%
- Q.3 Plastic raw materials is –
- a) Clay b) Feldspar
- c) Talc d) Quartz
- Q.4 Calcined of bone at temperature-
- a) 300⁰c b) 400⁰c
- c) 500⁰c d) 900⁰c

Q.5 Firing of ceramic whiteware product in –

- a) Kiln b) Dry oven
- c) Stove d) None of these

Q.6 Transulency of porcelain body is-

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

Q.7 Pebble is used as-

- a) Grinding media b) Crushing media
- c) Sieving media d) All of these

Q.8 Percentage of water in dry pressing-

- a) 2-5% b) 20-30%
- c) 25-40% d) None of these

Q.9 Example of non plastic materials-

- a) Clay b) Feldspar
- c) Ball clay d) All of these

Q.10 Example of batch dryer is –

- a) Tunnel dryer b) Chamber dryer
- c) Continuous dryer d) All of these

SECTION-B

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

Q.11 The chemical formula of quartz is SiO_2 . (True/False)

Q.12 Ball clay is plastic raw materials. (True/False)

Q.13 Terracotta body is glazed ware. (True/False)

Q.14 Formula of gypsum is _____.

Q.15 Sponging is one type of finishing process. (True/False)

Q.16 Agitator is temporary storage of casting slip. (True/False)

Q.17 Shuttle kiln is continuous kiln. (True/False)

Q.18 The formula of kyanite is $\text{Al}_2\text{O}_3 \cdot \text{SiO}_2$. (True/False)

Q.19 Sodium silicate is example of deflocculent. (True/False)

Q.20 Crack is one type of defect formed during drying. (True/False)

SECTION-C

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

Q.21 Explain brief history of pottery.

Q.22 Discribe process of sieving.

Q.23 Differentiate between terracotta and stoneware.

Q.24 Tell properties and uses of sillamanite.

Q.25 Explain filtration.