

- Q.25 Discuss Jollying and Jigging method of shaping.
- Q.26 List synthetically prepared raw materials. Explain any one.
- Q.27 Explain role of deflocculents in slip making.
- Q.28 Explain isostatic pressing.
- Q.29 List defects of drying.
- Q.30 Explain process of drying.
- Q.31 Explain filtration.
- Q.32 Explain crushing.
- Q.33 Explain batch drier.
- Q.34 Explain role of electrolytes.
- Q.35 Explain extrusion.

SECTION-D

Note : Long Answer type question. Attempt any two questions. $(2 \times 10 = 20)$

- Q.36 Describe crushing and grinding operation used in ceramic industries. Explain any one crushing equipment.
- Q.37 Explain classification of white ware body in detail.
- Q.38 Explain slip casting method of shaping white ware body.

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4th Sem, **Branch :** Ceramic Engg.
Subject : Ceramicwhite ware Tech-1

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note : Multiple choice questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q.1 The colour of White ware product is _____.
 a) Black b) Yellow
 c) Red d) White
- Q.2 Ceramic products are fired at _____ temperature.
 a) Low b) High
 c) Moderate d) None of these
- Q.3 Firing of ceramic white ware product is done in _____.
 a) Micro oven b) Kiln
 c) Dry oven d) None of these
- Q.4 Which of the following clay had higher plasticity?
 a) Ball clay b) Fired clay
 c) China Clay d) None of these

Q.5 _____ body can made without glaze?

- a) Porcelain
- b) Terracottac
- c) Earthenware
- d) Bonechina

Q.6 Alpha quartz is stable up to _____.

- a) 573°C
- b) 1573°C
- c) 73°C
- d) 57°C

Q.7 Which raw material is a type of feldspar?

- a) Doda feldspar
- b) Goda feldspar
- c) Toda feldspar
- d) Soda feldspar

Q.8 Name of electrolyte is

- a) Sodium silicate
- b) Kyanite
- c) Silica
- d) None

Q.9 _____ is synthetic prepared raw material.

- a) Zirconia
- b) Clay
- c) Gypsum
- d) Talc

Q.10 Pebbles are used as

- a) Drying Media
- b) Grinding Media
- c) Crushing media
- d) Sieving Media

SECTION-B

Note : Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.11 Water absorption of earthen ware body is 4-20% (True/False)

Q.12 The formula of clay is _____.

Q.13 The formula of gypsum is _____.

Q.14 The chemical formula of quartz is _____.

Q.15 For slip casting pop moulds are used. (True/False)

Q.16 Formula of Zircon is _____.

Q.17 Silica is an example of electrolyte. (True/False)

Q.18 Drying rate depend on humidity. (True/False)

Q.19 Hot floor is an example of dryer. (True/False)

Q.20 Tunnel kiln is used for firing of tiles. (True/False)

SECTION-C

Note : Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

Q.21 Discuss division of pottery.

Q.22 Discuss quartz.

Q.23 Describe process of blunging.

Q.24 Tell properties and used of Kyanite.