

- Q.25 Discuss Jollying and Jiggering 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. (2x10=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. (10x1=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. (10x1=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. (12x5=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.