

Q.24 Explain construction and working of Continuous kiln.

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Q.25 Write the properties and uses of Feldspar and Talc.

4th Sem / Ceramic Engg.

Subject : Whiteware Technology

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Percentage of water absorption in Earthenware body is

- a) 4-20%
 - b) 20-40%
 - c) 40-60%
 - d) None of these

Q.2 Major ingredients of traditional ceramic is

- a) Clay
 - b) Silica
 - c) Feldspar
 - d) All of these

O.3 Which of the following non clay plastic raw material

- a) Talc
 - b) Ball clay
 - c) China clay
 - d) All of these

Q.4 Name of shaping machine in white ware industries is

- a) Jigger and jolly
- b) Potter wheel
- c) Screw press
- d) All of these

Q.5 Which raw material containing silica and alumina.

- a) Sillimanite
- b) Dolomite
- c) Talc
- d) Steatite

Q.6 Name of continuous dryer is -

- a) Tunnel dryer
- b) Shuttle dryer
- c) Batch dryer
- d) None of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 The formula of gypsum is _____

Q.8 The formula of Andalusite is $\text{Al}_2\text{O}_3 \cdot \text{SiO}_2$. (T/F)

Q.9 Isostatic pressing pressure is applied from all side. (T/F)

Q.10 Steatite mineral is very soft material. (T/F)

Q.11 Shuttle kiln is a continuous kiln. (T/F)

Q.12 Drying rate depend on humidity. (T/F)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Explain white ware.

Q.14 Write properties and uses of Sillimanite.

Q.15 List external factor of drying.

Q.16 Discuss jiggering & jollying process.

Q.17 Describe process of filter press.

Q.18 Explain injection moulding.

Q.19 Explain role of deflocculant in casting process.

Q.20 List defect of drying.

Q.21 Explain the term Crushing.

Q.22 Explain slip casting process.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 List different type of shaping methods. Explain any one.