

SECTION-D

No. of Printed Pages : 4

220421

Roll No.

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

Q.23 Name and explain different types of clays.

Q.24 Define the term drying. Explain tunnel driers.

Q.25 Explain bone china plate making process.

2nd Sem / Ceramic

Subject : Ceramic Fabrication

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 In case of dry pressing physical state of body is

- a) Fluid suspension b) Plastic mass
- c) Dry powder d) All of above

Q.2 Clays can be classified as_____, Colluvial clays and Secondary or transported clays.

- a) Primary clays b) Basic clays
- c) Both a & b d) None of the above

Q.3 Which of the following can be used to mix ceramic raw material?

- a) Air mixing b) Slip mixing
- c) Carbon mixing d) Iron mixing

- Q.4 Example of _____ continuous drier is
- a) Rotary Drier b) Hot floor
 - c) Tunnel Drier d) All of above

- Q.5 Example of plastic shaping method is
- a) Dry pressing
 - b) Slip casting
 - c) Isostatic pressing
 - d) Jolleying and Jiggering

- Q.6 Example of drying defect is _____
- a) Cracking b) Strength
 - c) Black core d) Colour change

SECTION-B

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

- Q.7 Clay is formed by disintegration of primary igneous rocks. (True/False)
- Q.8 Feldspar are the materials which _____ the fusion point of bodies. (Lowers / Increase).
- Q.9 The moisture content in slip is _____. (25-50% / 18-22%)

(2)

220421

- Q.10 Ball clay is more plastic than china clay. (True/False)
- Q.11 Drying is the process of removal of moisture after _____. (Shaping / Mixing)
- Q.12 Jiggering and Jolleying is the plastic making methods. (True/False)

SECTION-C

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

- Q.13 Name four fabrication methods.
- Q.14 Tell role of clay.
- Q.15 Write role of lubricants in pressing.
- Q.16 Explain weathering and ageing.
- Q.17 Write the purpose of blunger.
- Q.18 Write the stages of pressing. Explain any one.
- Q.19 Tell the difference between batch and continuous dryers.
- Q.20 Name defects of drying. Explain any one.
- Q.21 Write the difference between glost and biscuit firing.
- Q.22 Explain Jiggering and jolleying shaping methods.

(3)

220421