

Q.22 Name final tests of tiles.

No. of Printed Pages : 4
Roll No.

220445C

SECTION-D

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

Q.23 Define firing. Explain different zones of roller kiln.

Q.24 Explain different glazing operations.

Q.25 Explain water absorption test as per ISO standards.

4th Semester/ Ceramic Subject : Tile Technology

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 Which of the following tiles have more than one body mix:-

- a) Vitrified b) Glazed Vitrified
- c) Double charged d) Enamelled Tile

Q.2 How many tiles are pressed in double cavity press in one pressing cycles?

- a) 1 b) 2
- c) 3 d) 4

Q.3 Which of the following standards are used in manufacture of tiles

- a) Water absorption b) Length and width
- c) Thickness d) All of these

- Q.4 In single acting pressing takes place from ____ sides.
- a) Two b) One
c) All d) None of these
- Q.5 Engobe is applied on tile to ____.
- a) Improve strength
b) Reduce Porosity
c) Increase porosity
d) Make body and glaze compatible
- Q.6 Craze in tiles arises due to
- a) High firing temperature
b) High Density of glaze slip
c) Mismatch of CTE of body and glaze
d) Deflocculants

SECTION-B

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

- Q.7 GVT stands for ____ (Gloss Vitreous Tile / Glazed Vitrified Tile)
- Q.8 Speed of ball mill should be less than Critical speed of ball mill. (True/False)

- Q.9 Taper in pressing die is provided for ease of _____. (Compaction / Ejection)
- Q.10 Weight of powder in die depends on fill room height. (True / False)
- Q.11 Viscosity of slip is determined with the help of _____. (Ford Cup / Drying oven)
- Q.12 Craze and peeling is the result of mismatch of CTE between body & glaze. (True / False)

SECTION-C

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

- Q.13 Explain double charged tiles.
- Q.14 Differentiate floor and glazed tiles.
- Q.15 Name raw materials of tiles.
- Q.16 Explain polished GVT tiles.
- Q.17 Explain spray drying.
- Q.18 Differentiate single and double cavity operation.
- Q.19 Explain drying defects.
- Q.20 Draw flow chart of single firing tiles.
- Q.21 Explain determination of viscosity of slip.