

Q.18 Explain chamber dryer.

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Roll No. ....

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Q.19 Explain slurry pump.

Q.20 Discuss shuttle kiln.

Q.21 List the testing equipment.

Q.22 Explain Vicat apparatus.

3rd Sem.

Branch : Ceramic

Sub.: Ceramic Machinery

Time : 3 Hrs.

M.M. : 60

#### SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (6x1=6)

#### SECTION-D

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

Q.23 Describe the process of Jigger & Jolly machine used in ceramic industries in detail.

Q.1 Which of these is crushers?

Q.24 Describe the HOT MOR testing machine.

a) Ball mill                          b) Jaw crusher

Q.25 Explain working principle and function of filter press.

c) Mixer                                  d) All of these

Q.2 Which is a type of mixing equipment?

a) Wet classifiers                          b) Magnet separators  
c) Vibrating sieve                                  d) Pug mill

Q.3 Drying usually been termed as \_\_\_\_.

a) Fine grinding                                  b) Coarse grinding  
c) Removal of water                                  d) None

- Q.4 Which of the following is a type of continuous kiln?
- a) Tunnel                          b) Hearth kiln
- c) Shuttle kiln                    d) None
- Q.5 Infrared moisture balance is used to determine % of \_\_\_\_\_ in given sample.
- a) Carbon                         b) Hydrogen
- c) Water                            d) None
- Q.6 MOR stands for
- a) Modulus of papture      b) Modulus of capture
- c) Modulus of dapture        d) Modulus of rapture
- Q.9 Chain conveyors utilize a powered continuous chain arrangement, carrying a series of single pendants. (True/False)
- Q.10 Shuttle kiln is a batch type of kiln. (True/False)
- Q.11 A ball mill is a drying machine used to process solution suspension or material in a slurry state. (True/False)
- Q.12 Potters wheel is used to make \_\_\_\_\_.

### SECTION-C

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

- Q.13 Explain grinding equipment.
- Q.14 Explain Jaw Crusher.
- Q.15 Discuss pot mill.
- Q.16 Magnetic separator.
- Q.17 Discuss Injection moulding.

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

- Q.7 Coarse size reduction machines handle the solid of sizes from 3 to 4 inch. (True/False)
- Q.8 Example of size separation equipment is \_\_\_\_\_?