

- Q.18 Explain chamber dryer.
- Q.19 Explain slurry pump.
- Q.20 Discuss shuttle kiln.
- Q.21 List the testing equipment.
- Q.22 Explain vicat apparatus.

#### 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.24 Describe the HOT MOR testing machine.
- Q.25 Explain working principle and function of filter press.

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**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)**

- Q.1 Which of these is crushers?
- a) Ball mill                      b) Jaw crusher
- 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      d0 Modulus of rapture

#### SECTION-B

**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 \_\_\_\_\_?

- 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.