

- Q.23 Describe working of hammer mill.
- Q.24 Explain tape casting process.
- Q.25 Describe working of Injection molding.
- Q.26 Describe working of gyratory crusher.
- Q.27 Define potter wheel.
- Q.28 Write short note on screw press.
- Q.29 List different type of conveyor and explain any one.
- Q.30 Explain tunnel dryer.
- Q.31 Describe working of tube mill.
- Q.32 Describe working of autoclave machine.
- Q.33 Define grinding. Name two grinding machines.
- Q.34 Explain working of pug mill.
- Q.35 Write function and uses of vibratory sieve.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Describe principal, construction and working of filter press with neat sketch.
- Q.37 Classify the dryers. Explain batch dryer.
- Q.38 Explain principal, construction and working of ball mill.

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**3rd Sem / Ceramic
Subject:- Ceramic Machineries**

Time : 3Hrs. M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Ball mill is used as-
- a) Primary crusher b) Secondary crusher
 - c) Middle crusher d) None of these
- Q.2 Iron particles can be removed with the help of -
- a) Sieve shaker b) Magnetic separator
 - c) Vibrating sieve d) None of these
- Q.3 Jaw crusher cannot crush -
- a) Hard materials b) Sticky materials
 - c) Heavy materials d) None of these
- Q.4 Potter wheel is used as
- a) Separating machine b) Shaping machine
 - c) De-watering machine d) None of these

Q.5 Tunnel kiln is used for -

- a) Drying
- b) Firing
- c) Shaping
- d) All of these

Q.6 Soundness of cement can be determined by -

- a) Vicat's apparatus
- b) Le-chatlier's apparatus
- c) M.O.R. machine
- d) None of these

Q.7 Centrifugal pump is used to -

- a) Lift powder
- b) Lift slurry
- c) Lift lumps
- d) None of these

Q.8 _____ is used to classify raw materials as per their size.

- a) Magnetic separator
- b) Sieve shaker
- c) Agitator
- d) None of these

Q.9 Dryer is used for

- a) Mixing
- b) Drying
- c) Grinding
- d) Crushing

Q.10 The speed of blunger is approximately -

- a) 100 RPM
- b) 10 RPM
- c) 1000 RPM
- d) None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Ball mill is crushing machine. (T/F)

Q.12 Diaphragm pump is used to lift slurry. (T/F)

Q.13 Filter press works on the principle of removing water from slurry. (T/F)

Q.14 Tunnel dryer is continuous dryer. (T/F)

Q.15 Final setting time of cement can be determined by Vicat's apparatus. (T/F)

Q.16 Tube mill is an grinding machine. (T/F)

Q.17 Toggle pressing machine is the example of shaping machine. (T/F)

Q.18 Pot mill is used for grinding purpose. (T/F)

Q.19 Semi & fully automatic jigger is shaping machine. (T/F)

Q.20 Chain conveyor is used to transport the materials. (T/F)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Explain magnetic separator.

Q.22 Differentiate jigger & jolly machine.