

Q.3 a Write a note on principle, construction and working of Jaw crusher. [06]

Q.3 b Explain a note on ball mill. [06]

OR

Q.3 b Explain with neat diagram the working principle and industrial application of Roll Crusher. [06]

Q.4 a How pumps are classified? Write in detail about the centrifugal pumps. [06]

Q.4 b Write a note on diaphragm pumps. [06]

OR

Q.4 b Discuss in detail different criteria for selection of pump. [06]

Q.5 a Define filtration. Write a note on Rotary vacuum filter. [06]

Q.5 b Write a note on Plate & Frame filter press. [06]

OR

Q.5 b What are Azeotropes? Explain azeotropic distillation process & its importance in coating industry. [06]

Q.6 a With a neat sketch explain the working principle and industrial application of Tunnel dryer. [06]

Q.6 b Explain in detail rate of drying curve. [06]

OR

Q.6 b Explain different mechanism for heat transfer. Derive the equation for heat flow through cylinder by conduction. [06]

