

### SECTION-C

**Note:** Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Write down the objectives and importance of schedule maintenance.
- Q.4 Write down various factors to be considered in installation and commissioning of a pipe plant in industry.
- Q.5 Explain difference between slipping motor and squirrel cage motor.
- Q.6 Explain difference between axial pump and screw pump.
- Q.7 Write short note on :  
(a) Valve counted balance.  
(b) Throttle valve.

(40)

(4)

032265/2264

No. of Printed Pages : 4

Roll No. ....

032265/2264

**6th Sem. / Plastic Tech.**

**Subject : Maintenance of Plastic Processing Machinery**

Time : 3 Hrs.

M.M. : 100

### SECTION-A

**Note:** Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) Define breakdown maintenance.  
b) Define vibration.  
c) Define commissioning.  
d) Define levelling.  
e) Define pump.  
f) Define circuit breaker.  
g) Define timer.  
h) Define heater.

(1)

032265/2264

- i) Define temperature controller.
- j) Define safety.
- k) Define screw.
- l) Define gear box.
- m) Define hydraulic motor.
- n) Define O-ring.
- o) Define lubrication.
- p) Define V-belt.
- q) Define chain drive.
- r) Write down the full form of MCB.

- iii) Explain required cage motor.
- iv) Explain oil circuit breakers.
- v) Explain ceramic heaters.
- vi) Explain primary gear box.
- vii) Explain gear pump.
- viii) Write down function of a valve.
- ix) Explain hydraulic actuator.
- x) Write a short note on central lubrication system.
- xi) Explain transmission system.
- xii) Write down causes of vibration.
- xiii) Explain in short solenoid valve.
- xiv) Explain the importance of limit switches.
- xv) What do you mean by valve sequences.

### SECTION-B

**Note:** Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Explain maintenance planning.
  - ii) Explain general method of alignment.

(2)

032265/2264

(3)

032265/2264