

SECTION-C

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

Q.3 What is breakdown maintenance? What is the reason of breakdown maintenance?

Q.4 Write the factors to be considered by the installation/erection & commissioning of plastic processing machinery.

Q.5 Explain the general method of alignment/leveling. Write the advantages of leveling.

Q.6 Explain any one induction motor in detail with neat diagram.

Q.7 Write short note on:-

a) Barrel

b) Screw

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6th Sem. / Plastic Technology

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 preventive maintenance.

b) Define break down maintenance.

c) Name the different types of foundations.

d) What is circuit breaker?

e) Name the two lubricants.

f) Write two transmission system.

g) What is pump?

h) What is valve.

i) Define vibration.

(40)

(4)

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(1)

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- j) What is foundation?
- k) Write the function of relay.
- l) What is limit switches?
- m) What is function of actuators?
- n) What is function of gear?
- o) What is function of thermocouple?
- p) Which type of electricity is used in plastic processing machine?
- q) What is induction motor?
- r) What is function of push button?

SECTION-B

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

- Q.2
- i) Explain the function of starter.
 - ii) Write short note on air circuit breaker.

- iii) Explain the temperature controller.
- iv) Explain different types of callender roll.
- v) Write short note on solenoid valve.
- vi) What is MCB how it works?
- vii) Write the principle of relay?
- viii) How the limit switches works?
- ix) What is the application of starter?
- x) Write the complete process of foundations.
- xi) What are the different ways of lubricants?
- xii) Write different causes of vibrations.
- xiii) How the thermocouple works.
- xiv) What are the difference between ordinary & ceramic heater?
- xv) Write difference b/w slipping motor & squirrel cage motor.