

SECTION-C

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

- Q.3 Write down the fault, causes and remedies in gears.
- Q.4 Differentiate between preventive maintenance and predictive maintenance.
- Q.5 Explain squirrel induction motor. Explain their maintenance and speed control.
- Q.6 What is lubrication system. Explain central lubrication system?
- Q.7 Write short notes on :-
- (a) Defects in air circuit breakers.
 - (b) Methods to ensure smooth functioning of throttle valve.

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Roll No.

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6th Sem. / Rubber Tech.

Subject : Maintenance of Rubber 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) What is mill roll?
 - b) Give an example of solid lubricant.
 - c) Define levelling.
 - d) What is the purpose of planning?
 - e) Define stress.
 - f) What is the full form of MCB?
 - g) Name different types of gears.
 - h) What is the use of limit switch?
 - i) Give two uses of O-Rings.
 - j) What is the function of bearing?

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- k) What is the function of timers?
- l) Give units of vibration.
- m) Give two advantages of chain drive.
- n) Name any one method to measure surface finish.
- o) What are temperature controllers?
- p) Give any two properties of good lubricants.
- q) What are oil seeds?
- r) What is solenoid valve?

SECTION-B

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

- Q.2
- i) What are the effects of vibration on machine?
 - ii) Explain the importance of maintenance.
 - iii) What is the function of fuse in electrical equipment?

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- iv) What are relays? Give its uses.
- v) What are the uses of starters?
- vi) Explain ceramic type heaters in detail.
- vii) Explain the procedure to repair hydraulic motors.
- viii) Explain the need of good lubrication system for rubber processing machine.
- ix) How would you carry out the maintenance of extruder screw?
- x) Write short note on predictive maintenance.
- xi) Give the functions of Actuators.
- xii) What are the functions of temperature controllers?
- xiii) Explain the function of filter.
- xiv) Describe the general method of levelling of rubber processing machine.
- xv) How will you rectify the frequent choking problem of machine barrel?

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