

Register No.:

278

April 2024

Time - Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART - A

1. What is overhauling?
2. What is breakdown maintenance?
3. List the applications of direct drive in the printing field.
4. What are the demerits of chain drive?
5. What are the merits of roller bearing?
6. What is limit switch?
7. What are the applications of micrometer?
8. What is the purpose of spirit level?
9. Write any two applications of hydraulics in printing field.
10. What is mechatronics?

[Turn over.....

PART – B

11. (a) Explain the functions of preventive maintenance.
(Or)
(b) Explain about 5S method.
12. (a) Describe the lubrication and maintenance of Belt drive.
(Or)
(b) Compare spur gear with helical gear with its applications.
13. (a) Explain about Sliding bearing, Groove plate cam and Helical spring.
(Or)
(b) Describe the types of bearings.
14. (a) What is test run? Explain its types.
(Or)
(b) Explain the working principle of Dial gauge.
15. (a) Compare hydraulic system with pneumatic system.
(Or)
(b) Explain about rotary screw compressor with neat sketch.
