

Register No.:

679

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 evaporator?
2. Write the uses of crane.
3. List the uses of compressed air.
4. Write the advantages of quick closing valve.
5. Define sewage.
6. Write the applications of screw pump.
7. Write any three properties of refrigerant.
8. Define humidity.
9. Define fire main piping system.
10. Write the modes of vibration.

[Turn over.....

PART – B

11. (a) Explain the construction of boiling type evaporator.
(Or)
(b) Explain the working of windlass with neat sketch.
12. (a) Explain the construction and operation of 2-RAM steering system.
(Or)
(b) Explain the working of gate valve with neat sketch.
13. (a) Explain the working of incinerator with neat sketch..
(Or)
(b) Explain the working of axial flow pump with neat sketch.
14. (a) Explain the working of vapor compression refrigeration system with a neat sketch.
(Or)
(b) Explain the working of shell and tube type heat exchanger.
15. (a) Explain the operation of sea water piping system.
(Or)
(b) Explain about noise suppression techniques.
