

Register No.:

757

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 mono vertical crystallizer?
2. What is meant by molasses?
3. Define gravity factor.
4. What is belt drive?
5. What is curing rate?
6. Draw the diagram for continuous type centrifugal machine.
7. What is double curing?
8. Write notes on super heater.
9. What is magnetic vibration?
10. What is slot conveyor?

[Turn over.....

PART – B

11. (a) Explain the theory of crystallization at motion. Also list its advantages and disadvantages.

(Or)

(b) Explain the construction and working operation of crystallizer.

12. (a) Explain about description of centrifugal machine.

(Or)

(b) Describe about centrifugal basket.

13. (a) Explain the factors affecting curing rate.

(Or)

(b) Describe the uses of batch type centrifugal machine.

14. (a) Explain A, B and C m/c pan boiling with flow chart.

(Or)

(b) Explain the working and construction of elevator.

15. (a) Describe short notes on sugar storage bin.

(Or)

(b) Explain the transportation of sugar bags to godown by using belt conveyor.
