

## 2M & 14M – IAE 2

1. Design a Hot air dryer (HAD) set up for dehydration.
2. Define Louisiana State University Dryer.
3. Interpret on the working principle of the indented cylinder separator.
4. What is a magnetic separator?
5. Model an Intended Cylinder Separator.
6. Define Thin layer drying.
7. Infer Fluidized bed dryers and Types of Fluidized bed dryers.
8. List the Factors which determine the quality and quantity of seed cleaned.
9. Justify the Optoelectronic system in Colour sorter.
10. Model an Intended Cylinder Separator.
11. Define Louisiana State University Dryer.
12. Interpret on the working principle of the indented cylinder separator.
13. What is a magnetic separator?
14. Justify the Optoelectronic system in Colour sorter.
15. Model an Intended Cylinder Separator.

### **Long Questions:**

1. Explain in detail about Hot air drying, methods of producing hot air.
2. Elaborate on Deep bed drying with its neat sketch.
3. Criticize on Inclined Belt Separator.
4. Recall about the Principles of air screen cleaners and its adjustments with diagram.
5. Summarise on Louisiana State University Dryer along with its advantages and disadvantages with neat sketch.
6. Simplify on the Magnetic Separator & Colour Sorter.
7. Discuss a detailed note on Design of dryers.
8. Simplify about the Cylinder separator and Spiral separator.

9. Infer a detailed note on Drum dryer, Tray dryer and Spray dryer with neat diagram.