

Total number of printed pages-2

53 (FPT 402) CLPT

2019

**CEREALS AND LEGUMES
PROCESSING TECHNOLOGY**

Paper : FPT 402

Full Marks : 100

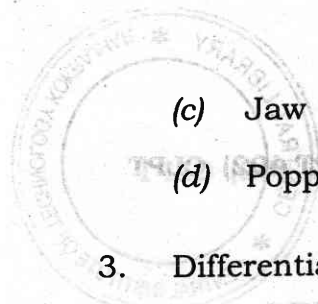
Time : Three hours

**The figures in the margin indicate
full marks for the questions.**

Answer **any five** questions.

1. (a) Draw a basic flowchart of Rice processing in a modern mill. 10
(b) Explain in detail, the construction and working of Engelberg-Huller with neat diagram. 10
2. Write short notes on: 5×4=20
 - (a) Cyclone Separator
 - (b) Bond's law

Contd.



(c) Jaw Crusher

(d) Popper Crush.

3. Differentiate the following : 5×4=20

(a) Sorting and Grading

(b) Blake-type and Dodge-type Jaw Crusher

(c) Crushing and Grinding

(d) Hard wheat and Soft wheat.

4. Discuss the different engineering properties of agricultural food materials. 20

5. What do you mean by screening? Discuss the different factors that affect the effectiveness and capacity of screen. Explain in detail, the construction and working principle of Trommel. 20

6. What is meant by CIP? Describe a single-use CIP system with example. 20

7. Draw line diagram and discuss CFTRI process of Pulse milling. 20

