

Department of Food Technology
School of Interdisciplinary Sciences and Technology
Jamia Hamdard, New Delhi-110062
END SEM EXAMINATION
Dec. 2024, B Tech 3rd SEM

Roll No.....

2024
B.Tech
3rd Sem

Paper Title: Cereal, Pulses & Oilseeds Technology; Paper Code: BFTEC – 305

Time allotted: 3Hrs.

Max Marks: 60

Note: Write to the point. Before answering make sure you have mentioned the Question No. & Section.

Important: At the END, mention how many questions from each section you have attempted.

Section-A (10 Marks, Attempt All)

Questions	Marks	Mapping
Q1. What is sifting give its advantages.	(2)	PEO: 3.4,5/CO: 3.4
Q2. Write a short note on makeup of flour.	(2)	PEO: 1.4,5,6/CO: 1.2
Q3. Give reasons for less consumption of Millets.	(2)	PEO: 2.3,6/CO: 3.4
Q4. Write a note on Engelberg huller.	(2)	PEO: 2.3/CO: 1.2,3
Q5. Draw Schematic representation of modern Rice mill.	(2)	PEO: 2.3/CO: 1.2

Section- B (Attempt any 5) (25 Marks)

Questions	Mapping
Q6. Explain different unit operations for processing of Pulses. Enlist and explain antinutritional components in pulse.	PEO: 3.4/CO: 1.3
Q7. Determine the role of byproducts from cereal industry for the development of value-added products.	PEO: 4.6 /CO: 1.2,3
Q8. What is Glycaemic index. How consumption of millets helps mediating diabetes.	PEO: 1.4,5/CO: 2.3,4
Q9. Explain the process for manufacturing of corn flakes and puff rice.	PEO: 3.5,6/CO: 2.3,4
Q10. Explain in detail the general process for milling of millets.	PEO: 3.5 /CO: 3.4
Q11. Explain the process of parboiling its advantages and disadvantages.	PEO: 4.6 /CO: 1.2,3

Section C (Attempt any 2) (25 Marks)

Questions	Mapping
Q12. Explain the process for milling of oilseeds in detail, briefly explain refining of oil.	PEO: 1.2,4/CO: 1.2
Q13. Explain the process for milling of corn. Also enlist the products of corn milling and their end use.	PEO: 1.2/CO: 1.2
Q14. Explain the process for milling of wheat, briefly explain the significance of different unit operations.	PEO: 1.2,5,6/CO: 2.3,4

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