



Department of Food Technology
School of Interdisciplinary Sciences and Technology
Jamia Hamdard, New Delhi-110062
END SEM EXAMINATION
Jan. 2023. B Tech 3rd SEM

Roll No.....

B.Tech.
3rd Sem
2023

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

Time allotted: 3Hrs.

Max Marks: 75

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 (15 Marks, Attempt All)

Questions	Marks	Mapping
Q1. What is preferment.	(2)	PEO: 3,4,5/CO: 3,4
Q2. Write a short note on scourer	(2)	PEO: 1,4,5,6/CO: 1,2
Q3. Briefly explain the process of extrusion of pasta.	(2)	PEO: 2,3,6/CO: 3,4
Q4. Write a note on Hagberg's Number.	(2)	PEO: 2,3/CO: 1,2,3
Q5. Enlist the parameters of pasting property.	(1)	PEO: 2,3/CO:1,2
Q6. Draw Schematic representation of modern rice mill.	(2)	PEO: 1,3/CO:2
Q7. Write a note on degerming.	(1)	PEO: 1,3/CO:1,2
Q8. Write a note on the properties checked by Rapid Visco Analyser.	(1)	PEO: 1,2/CO:1,2
Q9. Enlist changes occurring during Baking.	(2)	PEO: 1,3,4/CO: 3,4

Section- B (Attempt any 3) (10 Marks Each)

Questions	Mapping
Q10. How consumption of millets affects the glycemic index. Explain with reference to the scale assigned to different foods.	PEO: 3,4/CO: 1,3
Q11. With reference to Rheological properties, explain the role of wheat protein in development of bread and biscuits.	PEO: 4,6 /CO: 1,2,3
Q12. Enlist antinutritional components in pulse. Do we need to reduce them. How can reduction be achieved.	PEO: 1,4,5/CO: 2,3,4
Q13. Which breakfast cereal product would you prefer and why. Explain its manufacturing process.	PEO: 3,5,6/CO:2,3,4
Q14. Explain why there is a need to refine oil. Support your answer by explaining refining of oil.	PEO: 3,5/CO: 3,4

Section C (Attempt any 2) (15 Marks Each)

Questions	Mapping
Q15. Explain why analysis of physical properties are important to be checked before milling of cereal grains?	PEO: 1,2,4/CO: 1,2
Q16. Which method of milling of pulse is efficient and why. Give reasons to support your answer and also explain that process of milling of pulse.	PEO:1,2,3/CO: 1,2,3
Q17. What is the significance of milling and processing of cereals. Support your answer by explaining milling of wheat.	PEO:1,2,5,6/CO: 2,3,4
Q18. Which extraction technique is preferred for obtaining oil from oilseeds. Give advantages of that method. Explain two extraction methods.	PEO: 4,6/CO:2,3,5

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