



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

Roll No.....

2023
18/Jan/23

Paper Title: Advances in Cereal, Pulses & Oilseeds; Paper Code: MFTC – 104

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. Define caryopsis.	(1)	PEO: 1,2/CO: 1
Q2. Give reasons for low consumption of millets.	(2)	PEO: 1,2,3/CO: 2,3
Q3. Enlist four structural layers present in rice hull.	(1)	PEO: 1,2,4/CO: 1,2
Q4. Draw the structure of wheat grain.	(2)	PEO: 1,2,4/CO: 1,2,3
Q5. How utilization of millets will boost economy?	(2)	PEO: 5,6/CO: 1,2,3,4,5,6
Q6. Write a note on corn flakes.	(2)	PEO: 2,5/CO: 2,4,6
Q7. Enlist four different methods of cake making.	(1)	PEO: 5/CO: 3,4,5
Q8. Write a note on Kilning.	(2)	PEO: 3,4,5/CO: 4,5,6
Q9. Define Germination.	(2)	PEO: 3,4/CO: 5,6

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

Questions	Mapping
Q10. Explain various steps involved in making of wheat flour.	PO: 1,4,5,6/CO: 3,4
Q11. Explain general process for milling of millets.	PO: 1,4,6/CO: 2,3,4
Q12. Write in detail antinutritional factors present in pulses.	PO: 2,3,4/CO: 2,4
Q13. Explain the process for the manufacture of Pasta.	PO: 2,3,6/CO: 2,6
Q14. Explain the process for manufacture of refined Oil.	PO: 3,4,5/CO: 2,4,6

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

Questions	Mapping
Q15. Explain in detail the process of bread and biscuit making	PO: 3,4,6/CO: 2
Q16. Give in detail the process of milling of pulses using flow diagram. Write description about by-products of pulse milling also.	PO: 2, 4,5,6/CO: 3,5
Q17. Using flow chart explain wet and dry milling of corn. Explain any product of corn milling.	PO: 3,5,6/CO: 3,4
Q18. What is parboiling of rice, how is parboiling advantageous. Explain process of milling of rice.	PO: 3,5,6/CO: 3,5

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