

Ist Sem
2023
M.Tech.



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

Paper Title: Advances in Cereals Pulses and Oilseeds; Paper Code: MFTC – 104

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 (12 Marks, Attempt All)

Questions	Marks	BTL	Mapping
Q1. Enlist four basic types of pasta	(2)	1	PEO: 1,2/CO: 1,2
Q2. The purpose of degerming is ?	(2)	1	PEO: 1,2,3/CO: 3,4
Q3. What is HFCS 90 contains.	(2)	1	PEO: 1,2,4/CO: 1,2,3
Q4. Draw a general structure of millets.	(2)	1	PEO: 1,2,4/CO: 1,2
Q5. Albumins and Globulins of wheat, comprises _____ % of total wheat flour proteins.	(2)	2	PEO: 5,6/CO: 1,5,6
Q6. The word cereal derives from _____. The corn seed is a single fruit called as _____	(2)	1	PEO: 2,5/CO: 4,6

Section B (Attempt any 2) (11.5 Marks Each) (20MM)

Questions	Mapping
Q7. Describe the process for milling of corn.	BTL5; PO: 4,6/CO: 2
Q8. Describe the process for manufacturing of biscuits.	BTL6; PO: 2,5,6/CO: 3
Q9. Describe the process for milling of Rice.	BTL5; PO: 3,5/CO: 3,4
Q10. How characterization of ingredients affects overall quality of cereal based products.	BTL6; PO: 4,5,6/CO: 3,5

Section- C (Attempt any 5) (25MM)

Questions	BTL	Mapping
Q11 (a). Explain the manufacturing of corn flakes. OR	3	PO: 1,5,6/CO: 3,4
Q12 (b). Explain the process for extraction of refined oil.		
Q13 (a). Explain the process for manufacturing of breakfast cereal from rice OR	4	PO: 1,4,6/CO: 2,3,4
Q14 (b). Explain the process for milling of oats.		
Q15 (a). Explain manufacturing process of Dal. OR	4	PO: 2,4/CO: 2,4,5
Q16 (b). Describe the advantages and disadvantages of parboiling of rice.		
Q17 (a). Briefly Explain the process of HFCS OR	3	PO: 2,3,6/CO: 2,4,5
Q18 (b). Describe the process for milling of Wheat.		
Q19 (a). Give in brief the reasons for low consumption of millets. OR	3	PO: 3,5/CO: 2,4,6
Q20 (b). Draw labelled diagram of rice, corn and wheat.		

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