MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

Semester	: V (New)	Term	: First	Academic Year	: 2023-24
Course No.	: AHDS 353	Title	: Technology of Milk and Milk Products		
Credits	: 2 (1+1)				
Day & Date	: Tuesday, 5.12.2023	Time	: 14:00 to 16:00 hrs.	Total Marks	: 40

Note :
1. Solve ANY EIGHT questions from SECTION 'A'.
2. All questions from SECTION 'B' are compulsory.
3. All questions carry equal marks.
4. Draw neat diagram wherever necessary.

SECTION 'A'

Q.1 Write in short about present status of dairy in India.

Q.2 Write in brief about effects of lactation period and milking interval on milk composition.

Q.3 Enlist methods of cooling/chilling of milk and explain any two of them.

Q.4 Write in detail on acidity and specific gravity of milk.

Q.5 State the importance of packaging. Write in brief on 'Modified Atmospheric Packaging'.

Q.6 Write short notes on (Any Two):
a) AGMARK standards
b) Dahi and Shrikhand
c) Diagrammatic presentation of milk composition

Q.7 State the classification of milk products with at least one example of Indigenous and Western products.

Q.8 Write in detail about HTST method of pasteurization with its merits and demerits.

Q.9 Explain nutritional significance of milk on the basis of various constituents.

Q.10 Write in detail on various operations involved in 'Reception of Milk'. State the importance of prompt cooling of milk.

SECTION 'B'

Q.11 Do as directed:
1) Milk sugar is called as _____.
2) State the boiling point of cow milk.
3) Give the long form of PFA.
4) Milk is deficient in Vitamin _____.

Q.12 Define the following terms:
1) Colostrum 2) Standardization 3) Pasteurization 4) Preservative

✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧

agromind.in

Telegram - AgroMind