RDR-009

Ph.D. IN DAIRY SCIENCE AND TECHNOLOGY

Term-End Examination

December, 2014

RDR-009: APPLICATION OF BIOTECHNOLOGY IN DAIRY INDUSTRY

Time	: 3 hours	Maximum Mark	ks : 100
Note	: Attempt any five questions marks.	. All questions carr	y equal
1.	Describe the important sto involved in genetic improve bacteria.		
2.	Describe important metaboli their significance in genom Grade Lactic Acid Producing	ne analysis of Foo	
3.	Describe important bioacti their functions present in mil		
4.	Explain the basic principroduction of GM Foods. associated food safety issues	Also explain th	
5.	Explain role and mode of accontrol of diseases. Descassessing the safety of probio	ribe the factors i	
RDR	-009 1		P.T.O.

1

- 6. Identify the important rapid detection tests for food borne bacterial pathogens, and give their principles and procedures.
- 7. Describe different type of bacteriocins, their modes of action and potentials in food preservation and control of food poisoning.