

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMESTER END THEORY EXAMINATION, B. Tech. Dairy Technology 2018-19

Semester	: IV (V Dean)	Academic Year	: 2018-2019
Course No.	: DBM-406	Course Title	: Fundamental of Dairy Extension
Credits	: 2+1=3	Total Marks	: 50
Day & Date	: Thursday, 20.06.19	Time	: 15.00 to 17.00 Hrs

- Note :**
- 1) All questions from **Section 'A'** are compulsory.
 - 2) Solve **Any Three** questions from **Section 'B'**.
 - 3) Draw neat and well labelled diagram wherever necessary.

SECTION –‘A’

Q. 1 A) Choose the most appropriate answer from the options given below. (05)

- i) Extension activities directed towards the development of people.
 - a) Semi rural
 - b) Rural
 - c) Semi urban
 - d) Urban
- ii) In which year The First Five-year Plan was launched; its main focus was to bring development of the primary sector
 - a) 1961
 - b) 1952
 - c) 1951
 - d) 1954
- iii) Extension teaching methods are the tools and techniques used to create situations in which communication can take place between the following combinations
 - a) The rural people and the extension professionals
 - b) Only extension professionals
 - c) Extension professional to other extension professionals
 - d) None of these
- iv) In which style of leadership, the leader allows the employees to make the decisions. However, the leader is still responsible for the decisions that are made in
 - a) Participative
 - b) Autocratic
 - c) Delegative
 - d) All the above
- v) *The process of designing a course of action to achieve ends*
 - a) *Planning*
 - b) Programme
 - c) Reconsideration
 - d) Evaluation

B) Define the following. (05)

- i) Extension Education
- ii) Evaluation
- iii) Diffusion
- iv) Innovation
- v) Teaching

Q. 2 A) Give the full form of following. (05)

- i) ATMA
- ii) ATIC
- iii) RRA
- iv) PTD
- v) IVLP

(P.T.O.)

- B) State whether True or False. If false, rewrite the statement after making necessary corrections. (05)
- i) Change in attitude is change in the technique of doing things.
 - ii) The person who adopts technology at the end is innovator.
 - iii) Method demonstration is meant for proving the advantages of recommended practices and to demonstrate their applicability to the local conditions.
 - iv) An audio-visual aid is an instructional device in which message can be heard as well as seen.
 - v) Circular letter is a type of mass communication.

SECTION –‘B’

- Q. 3 A) Discuss important role of Radio for dissemination of information in India. (05)
B) Explain the importance of Audio-Visual-Aids used in extension teaching different methods? (05)
- Q. 4 A) What is diffusion and Explain the different categories of farmers during diffusion process? (05)
B) Write a brief about selection criteria for selection of teaching methods in extension education? (05)
- Q. 5 A) Explain different approaches used in extension education? (03)
B) Classify of extension teaching methods according to utility. (03)
C) Write the philosophy of extension education? (04)
- Q. 6 A) Why Programming planning is important in extension education? (03)
B) Discuss important qualities of extension professionals? (03)
C) Explain the significance of extension teaching methods in view of rural development? (04)
- Q. 7 Explain the importance of Dairy Extension in Dairy Development programmes in India. (10)
