

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMESTER END THEORY EXAMINATION, B.Tech. (D.T.) Degree Course 2017-18

Semester	: IV (V Dean)	Academic Year	: 2017-2018
Course No.	: DBM-406	Course Title	: Fundamentals of Dairy Extension
Credits	: 2+1=3	Total Marks	: 50
Day & Date	: Thursday, 14.06.2018	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) Any Change of behavior which takes place as a result of experience is termed as
 - a) Activity
 - b) Learning
 - c) Teaching
 - d) Understanding
- ii) Extension teaching methods are tools and techniques used to create two-way communication between the rural people and
 - a) Technologist
 - b) Extension professionals
 - c) Trainers
 - d) Agricultural Engineering
- iii) Which method of demonstration is used to show the technique of doing things or carrying out new practices? Ex: Ghee making, Paneer making etc.
 - a) Result demonstration
 - b) Farm and home visit
 - c) Exhibition
 - d) Method demonstration
- iv) Before starting any extension activities, extension workers should look into the people's
 - a) Cultural background
 - b) Knowledge, Values, Beliefs
 - c) Skills
 - d) All of these
- v) What term is used to measure the degree of success of programme in-terms of objectives and goals set forth?
 - a) Reconsideration
 - b) Evaluation
 - c) Execution
 - d) Planning

B) Define the following. (05)

- i) Extension Education
- ii) Learning
- iii) Need
- iv) Demonstration
- v) Leader

Q. 2 A) Answer in one line for the following. (05)

- i) State role of Farmers Field Services.
- ii) Give full form of ATMA.
- iii) What is the application of Extension Education?
- iv) State importance of Training and Visit (T and V) System.
- v) What do you mean by "Folder"?

(P.T.O.)

- B) State whether True or False. If false, rewrite the statement after making necessary corrections. (05)
- i) Leaflet is a single piece of paper folded once or twice and when opened the material is presented in sequence
 - ii) An Audio aid is an instructional device or communicating device in which the message can be seen but not heard.
 - iii) Participatory Rural Approach is an approach for learning and organizing participation of local communities and groups for interacting with them, understanding them and learning from them.
 - iv) In formal education, students must adopt themselves to the fixed curriculum offered.
 - v) Trainers Training Centre's (TTC) are established for specialized subjects for in-service teachers and trainers of KVK.

SECTION –'B'

- Q. 3 A) What do you mean by Extension Teaching methods and write its classification according to use? (05)
B) Write the Principles of extension programme planning? (05)
- Q. 4 A) Explain in detail the adoption processes. (05)
B) Discuss the programme planning process with suitable diagram. (05)
- Q. 5 A) Explain the function of extension education? (03)
B) Explain in brief about the qualities of leadership? (03)
C) Define group? Differentiate between primary and secondary group. (04)
- Q. 6 A) Explain how extension learning process takes place between teacher, learner and subject matter, write special characters of each? (03)
B) Explain objective of extension education. (03)
C) Explain the functions and importance of Audio-Visual Aids? (04)
- Q. 7 Explain the role of dairy extension professionals in the rural development. (10)
