

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMESTER END THEORY EXAMINATION, B.Tech. (D.T.)

Semester	: IV (V Dean)	Academic Year	: 2021-2022
Course No.	: DBM-406	Course Title	: Fundamentals of Dairy Extension
Credits	: 2+1=3	Total Marks	: 50
Day & Date	: Wednesday, 07/09/2022	Time	: 02:30 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) Poster is a
 - a) Projected Visual aid
 - b) Audio - Visual aid
 - c) Audio - aid
 - d) Non-projected Visual aid
- ii) Edgar Dale is recognized with
 - a) Demonstration
 - b) Cone of Experience
 - c) Field Day
 - d) Exhibition
- iii) Data gathered through field work is
 - a) Secondary Data
 - b) Library Data
 - c) Primary Data
 - d) None of these
- iv) The first step in Extension programme planning is
 - a) Setting objectives
 - b) Collection of facts
 - c) Analysis of situation
 - d) Identification of problems
- v) The last step in Teaching-Learning Process is
 - a) Desire
 - b) Satisfaction
 - c) Action
 - d) Conviction

B) Define the following terms. (05)

- i) Learning
- ii) Motivation
- iii) Audio Visual Aid
- iv) Innovation
- v) Authoritarian Leadership Style

Q. 2 A) State True or False. Rewrite the false statement after making necessary corrections. (05)

- i) Bulletin is a single piece of paper folded once or twice, and, when opened, the material is presented in sequence.
- ii) Nilokheri Project launched under the leadership of S.K.Dey.
- iii) Extension education is a type of formal education.
- iv) Nature of learners in Extension Education is homogenous.
- v) Interest is the first step in extension teaching.

(P.T.O.)

B) Give its full form

(05)

- i) NABARD
- ii) ATIC
- iii) ICAR
- iv) ATMA
- v) PRA

SECTION - 'B'

- Q. 3 A) Differentiate between formal and extension education. (05)
B) Explain the principles of extension education. (05)
- Q. 4 A) Classify the audio visual aids on the basis of its utility. (05)
B) Discuss the characteristic and qualities of good leader. (05)
- Q. 5 A) Write an explanatory note on innovation and diffusion. (03)
B) Differentiate between primary and secondary group. (03)
C) Explain the extension learning process. (04)
- Q. 6 A) What are the different styles of leadership. (03)
B) Explain the various participatory approaches in extension. (03)
C) Discuss the various steps in extension teaching process. (04)
- Q.7 Explain the agricultural, dairy and animal husbandry development programme launched in pre and post independence era. (10)
