

**B.Sc. (Ag.) Honours Semester-V Examination, 2016**  
**Course No.: AEX-311**  
**(Extension Methodologies for Transfer of**  
**Agricultural Technologies)**

<i>Signature of Centre Superintendent</i>

<b>Roll No.:</b> (in figure) _____ (in words) _____
Student Index No. _____ Regn. No. _____ of _____

**Time: Two Hours**

**Full Marks: 40**

*Questions are of value as indicated in the margin*

**Part-I**  
**(Objective and Short Answer Type)**  
**(Use only ball point pen)**

**Time: 20 minutes**

**Full Marks: 10**

*Note: 1. Answer in question paper itself.*

*2. Striking, rewriting or overwriting are not allowed in the objective type questions.*

**1. State True (T) or False (F) in respect the following statements:**

**0.5×10=5.0**

- a) 'Model' is a two dimensional visual.
- b) 'Noise' is the opposite of 'fidelity' in communication.
- c) 'Audience response' is an element of communication model given by Berlo.
- d) 'Study tour' is a mass extension teaching method.
- e) Information theory of communication was given by Shannon.
- f) 'Laggards' can adopt any technology immediately after 'innovator'.
- g) 'KVK' is the institutionalized single window technology transfer system.
- h) Communication process is not complete without feedback.
- i) Message distortion is maximum in star network.
- j) Monitoring and evaluation are the same thing in extension programme.

**B.Sc. (Ag.) Honours Examination, 2016**  
**Semester-V**  
**Course No.: AEX-311**  
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**Part - II**  
**( Descriptive Type )**

**Time: 100 Minutes**

**Full Marks: 30**

*Questions are of value or as indicated in the margin*

**Answer any three questions from the following:**

3. What do you mean by communication process? Write down the basic elements of a communication process along with their salient features. Enumerate the list of barriers of a communication process. 2+4+4=10
  4. Explain briefly the merits and demerits of different extension teaching methods. Enumerate the factors influencing the selection of extension teaching methods. 5+5=10
  5. What do you mean by innovation decision process? Explain briefly the characteristics or attributes of innovations with examples. Differentiate between information and knowledge. 2+6+2=10
  6. Elucidate the term 'technology'. How does it differ from science? Enumerate the traits of appropriate technology. 2+2+6=10
  7. Write short notes on (**any four**): 4×2.5=10
    - a) Discontinuance and over adoption
    - b) Programme Planning Cycle
    - c) Video and tele conferencing
    - d) Homophily and heterophily
    - e) Kisan Call Centre
    - f) Entropy
    - g) Comparing Method and Result Demonstration
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2. Fill in the blanks with most suitable word(s) / '4' mark the correct answer: 0.5×5=2.5

- a) Epidiascope functions based on the principle of \_\_\_\_\_ .  
i) Reflection, ii) direct projection, iii) indirect projection, iv) None of the above.
- b) The term communication is derived from the latin word  
i) Communalities  ii) Communal  iii) Communis  iv) Commonness
- c) Fidelity is the \_\_\_\_\_ performance of communication process.  
i) rational, ii) irrational, iii) Unfaithful, iv) faithful.
- d) Timely reporting of event is called as  
i) report , ii) news , iii) event , iv) media .
- e) Field day or farmers' day is an example of \_\_\_\_\_ extension teaching method.  
i) mass, ii) group, iii) individual, iv) None of these.
- f) Single printed sheet of paper with preliminary information relating to a topic is called  
i) leaflet , ii) folder , iii) bulletin , iv) newsletter .
- g) Chronological arrangement of the activities outline to be undertaken is known as  
i) plan of work , ii) activity network , iii) calendar of work ,  
iv) evaluation indicator .
- h) Need is the gap between the existing and \_\_\_\_\_ situation.  
i) previous, ii) present, iii) extreme, iv) desirable.
- i) Which of the following is a cyber extension platform  
i) NIC , ii) mkrishi , iii) [www.ICAR.ORG](http://www.ICAR.ORG) , iv) None of the above .
- j) 'Predictability' as an essential attribute of an innovation was suggested by  
i) Napier , ii) Rogers , iii) Dube , iv) Ryan & Gross .

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