



17679

16172

3 Hours / 100 Marks

Seat No.

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- Instructions :**
- (1) *All questions are compulsory.*
 - (2) *Answer each next main question on a new page.*
 - (3) *Illustrate your answers with neat sketches wherever necessary.*
 - (4) *Figures to the right indicate full marks.*
 - (5) *Assume suitable data, if necessary.*
 - (6) *Use of Non-programmable Electronic Pocket Calculator is permissible.*
 - (7) *Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.*

Marks

1. Answer any four :

(5×4=20)

- a) Explain evaluation of extension.
- b) Explain role of voluntary organisation in extension and transfer of technology.
- c) Define 'brain storming'. How is it helpful ?
- d) Write merits and demerits of group discussion methods.
- e) Define and explain importance of transfer of technology.
- f) Explain extension programme planning.
- g) Write various barriers which hinder communication.

2. Answer any two :

(2×8=16)

- a) Describe any two individual contact method. **8**
- b) Explain use of : **8**
 - i) Internet.
 - ii) Cyber cafe.
 - iii) Kissan call centers.
 - iv) Video and teleconference.
- c) i) Explain modes of monitoring. **8**
ii) Differentiate : monitoring and evaluation.

P.T.O.



	Marks
3. Answer any two :	(2×8=16)
a) Write functions of central and state department of agriculture to improvement.	8
b) Describe any two types of training.	8
c) Explain contributions of Indian Council of Agriculture and Research (ICAR) programmes in India.	8
4. Answer any two :	(2×8=16)
a) Explain capacity building parameters of extension personnel and formers.	
b) Explain factors influencing adaptation process.	
c) Describe any two sources of news in agricultural information.	
5. Answer any two :	(2×8=16)
a) Explain adopter categories and their characteristics.	
b) How do agricultural literature help to improve information ?	
c) Explain classification of extension teaching methods.	
6. Answer any two :	(2×8=16)
a) Explain principles of extension of education.	
b) i) Explain technique of group discussion.	
ii) Why are field trials taken ?	
c) Explain importance of extension programme planning.	
