

R05/AGR504/EE/20160518

Time : 3 Hours

Marks : 80

Instructions :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1.
 - a) Explain role of ICT in Agricultural Development in India.
 - b) Explain Role of Internet and World Wide Web in Agricultural Extension.
 - c) Enlist 10 Most Credible Websites in Indian Agriculture.
 - d) Describe Open Educational Resources (OER) and its role in capacity building.
 - e) Enlist Successful e-governance Projects in India and explain any one in detail.
2.
 - a) Define Network Topology and explain types of Network Topologies.
 - b) Enlist and explain stages of e-Governance.
 - c) What is Geographical Information System (GIS)? And explain its application.
 - d) Enlist and explain components of Remote Sensing.
 - e) Enlist and explain applications of Remote Sensing in Agriculture.
3.
 - a) Differentiate between Traditional Extension and Cyber Extension.
 - b) Define Expert System and its significance in problem solving.
 - c) Enlist and explain Cyber Extension Initiatives in Asia.
 - d) Enlist and explain challenges in promoting e-education in India.
 - e) Explain Structure and Functions of Information Kiosks.

4. a) Enlist and explain Components of GIS system.
- b) Enlist and explain Scientific paradigms in social sciences.
- c) Define and explain difference between Information and Knowledge.
- d) Write note on Farming System Research.
- e) Write Note on National Knowledge Commission (NKC) in India.

