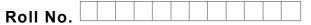
FirstRanker.com

www.FirstRanker.com

www.FirstRanker.com



Total No. of Pages : 01

Total No. of Questions : 08

M.Tech. (ECE) (2018 Batch) (Sem.-2) PROGRAMMABLE NETWORKS-SDN, NFV Subject Code : MTEC-PE4C-18 M.Code : 76267

Time: 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

- 1. Attempt any FIVE questions out of EIGHT questions.
- 2. Each question carries TWELVE marks.
 - 1. What is Programmable Network? Explain the various characteristics of SDN in detail.
 - 2. Explain the concepts of Control and Data Plane separation in detail? Also illustrate OpenFlow protocol.
 - 3. What is Network Virtualization? Explain any existing Network Virtualization Framework in detail with suitable diagram.
 - 4. What is Network Functions Virtualization (NFV)? Write various application of SDN in detail.
 - 5. Explain the procedure of data center networks for Traffic Engineering networks in detail.
 - 6. Explain wireless architectures used for data center Networks with suitable diagram. Also mention various challenges faced during its deployment?
 - 7. Explain the concept and implementation of SDN with a suitable diagram.
 - 8. Write Short notes on :
 - a) Software Defined Network (SDN) Controllers
 - b) Active Networking
 - c) Mininet simulation environment

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.