

Time: 3 Hours

**DECEMBER 2015**

Max. Marks: 100

**PLEASE WRITE YOUR ROLL NO. AT THE SPACE PROVIDED ON EACH PAGE IMMEDIATELY AFTER RECEIVING THE QUESTION PAPER.**

NOTE:

- Question 1 is compulsory and carries 28 marks. Answer any FOUR questions from the rest. Marks are indicated against each question.
- Parts of a question should be answered at the same place.

- Q.1** a. Describe the growth of the global telecommunication market.  
 b. Explain emerged and emerging technologies used in new services of telecommunication.  
 c. What are two distinct but complementary type of telecommunication?  
 d. How actual growth strategies are developed by incumbent? Give four major elements.  
 e. Explain signalling in telecommunication systems.  
 f. What should be regulated in telecommunications?  
 g. Describe cost management and control. Give some essential tracking tools. (7×4)
- Q.2** a. How telecommunication is categorizing services? Draw and explain service value model. (9)  
 b. Explain telecommunication services as organizational resources. How these can be improved? (9)
- Q.3** a. What are the competitive business strategies? Explain with suitable examples. (9)  
 b. Explain Broadcast industry structure and give function of its different heads. (9)
- Q.4** Write the notes on :  
 a. Cable Television Distribution Network. (9)  
 b. Hybrid-Fiber Coaxial (HFC) Network. (9)
- Q.5** a. Explain telecommunication manager perspective and give issues that are the concern to today's telecommunication managers. (9)  
 b. What is Deregulation? Explain impact of deregulation in telecommunication. (9)
- Q.6** a. Give the role of innovation in competitive business. Describe three kinds of innovation in its simplest form. (9)  
 b. Differentiate between telecommunication and media. Why regulation of telecommunication required. (9)
- Q.7** a. What are security issues in telecommunication area? Explain communication security mechanism. (9)  
 b. What are the important parameters of satellite and wireless telecommunication? Explain satellite network configurations. (9)