MCTE-022

MASTER OF BUSINESS ADMINISTRATION (MBACT)

Term-End Examination

00425

December, 2014

MCTE-022 : VOICE OVER INTERNET PROTOCOL

Time : 3 hours   *Maximum Marks : 100*

*Note : Answer any **five** questions. All questions carry equal marks.*

1. (a)   What is VOIP ? Explain how it is different from PSTN.   *5*

    (b)   Explain how VOIP works. Write and explain various devices and protocols used to achieve the objective.   *15*

2.   What is Session Initiation Protocol ? Explain how it controls communication sessions like voice and video calls over Internet Protocol ?   *20*

3. (a)   What is Packet Switching ? Explain how packet switching is advantageous in VOIP.   *10*

    (b)   Write merits and limitations of VOIP over PSTN.   *10*

4. What is SKYPE ? Write and explain in detail on implementation of SKYPE along with a schematic diagram. *20*

5. Write and explain various issues/challenges that are to be addressed in implementation of VOIP. *20*

6. (a) What is Real-time Transport Protocol (RTP) ? Draw and explain its Packet Header. *10*

    (b) Explain the use of VOIP from the legal point of view in India. *10*

7. Write short notes on the following : *20*

    (a) Web-based VOIP

    (b) Caller ID Spoofing

    (c) H.323 Protocol

    (d) Voice XML