St. Thomas’ College of Engineering & Technology

B.Tech. 6th Semester, 3rd Assignment, 2018

**Computer Networks[CS-602]**

1) **Differentiate** between Basic Service Set (BSS) and Extended Service Set (ESS). **Explain** the two primary protocols of the MAC sublayer in IEEE 802.11 [Inline with CO4]

2) **Discuss** the MAC sublayer frame format. **Discuss** the baseband layer frame format of Bluetooth. [Inline with CO4]

3) **Elaborate** on the exposed station and hidden station problem. **Suggest** any remedial action where applicable. [Inline with CO4]

4) **Discuss** the L2CAP protocol and its purpose. **Explain** the significance of piconet and scatternet in Bluetooth. [Inline with CO4]

5) **Discuss** about the concept of ‘Digital Signatures’. **Define** ‘Demilitarized zone (DMZ)’. **Classify** and **explain** the firewall types. [Inline with CO4]

---