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## **EC-803 (GS)**

### **B.E. VIII Semester**

Examination, May 2018

### **Grading System (GS)**

### **Computer Network**

*Time : Three Hours*

*Maximum Marks :70*

**Note :** i) Attempt any five questions.

ii) All questions carry equal marks.

1. Compare OSI and TCP/IP Model. [rgpvonline.com](http://rgpvonline.com)
2. Explain Guided and Unguided Medium in detail.
3. Explain pure and slotted ALOHA.
4. Describe CDMA/CD and collision-free protocol.
5. Differentiate between IPv6 and IPv4.
6. Explain Adaptive and Non-Adaptive Routing Algorithm.

7. Differentiate between UDP and TCP and comments on the reliability.
8. Answer any four of the following:
  - a) Explain various transmission modes.
  - b) Explain stop and wait sliding window protocol.
  - c) Explain hub, bridge and switches.
  - d) Explain TCP protocol.
  - e) What do you understand by WWW?
  - f) What is DNS?

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