

**B.Sc. Semester III (Honours) Examination, 2018-19**

**COMPUTER SCIENCE**

**Course Code : 31513**

**Course Code : SHCSC-303C-7(T)**

**Course Title : Computer Network**

**Time: 1 Hour 15 Minutes**

**Full Marks: 25**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

1. Answer *any five* questions: 1×5=5
    - (a) What is packet?
    - (b) Define DNS.
    - (c) What is browser?
    - (d) What is topology?
    - (e) Write the full form of TDMA.
    - (f) Write full form of www.
    - (g) What is congestion?
    - (h) Write full form of HTTP.
  
  2. Answer *any two* questions: 5×2=10
    - (a) Write the advantages of Networking.
    - (b) Write short note on TCP/IP network model.
    - (c) Write short note on CSMA/CD protocol.
    - (d)
      - (i) Compare between circuit switching and packet switching technique.
      - (ii) Write down different types of network topology with examples. 2+3=5
  
  3. Answer *any one* question: 10×1=10
    - (a) Write down the working principle of different layers in ISO OSI model.
    - (b) Write short note on: 5×2=10
      - (i) IP
      - (ii) Wireless communication
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