

Roll No. ....

Total Pages : 3

**2323/M**

**K-66/2051**

**COMPUTER NETWORK AND INTERNET**

Paper–DCA-201

Semester–II

Time allowed : 3 Hours] [Maximum Marks : 70

**Note:** The candidates are required to attempt two questions each from section A and section B carrying 10 marks each and the entire section C consisting of 10 short answer type questions carrying 3 marks each.

**SECTION-A**

1. What is meant by Network of Computers? Also explain various types of network topologies. 10
2. Explain OSI reference model. 10

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**[P.T.O.**

3. Write a short note on the working of Relays, Repeaters and Bridges. 10
4. Differentiate between point-to-point and broadcast network. 10

**SECTION-B**

5. What is WWW? How IP addresses are assigned? 10
6. What is Domain Name System? Discuss. 10
7. What is e-mail? What are different fields of e-mail? 10
8. What is the role of Internet Explorer? What are different searching criteria's? 10

**SECTION-C**

9. Attempt all questions : 10×3 = 30
  - (i) What is the role of Modem?
  - (ii) List features of LAN.
  - (iii) What is a Gateway?

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- (iv) How computers are connected across WAN?
- (v) What is Star Topology?
- (vi) What are Web Browsers?
- (vii) What are advantages of Internet?
- (viii) Differentiate between network and internet.
- (ix) What is Client Mode?
- (x) How information is accessed over the internet?