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**Paper Code : DCS-204**

**Roll No.**

**BCA-12**

**2<sup>nd</sup> Year Examination, Academic Batch 2016-17**

**Computer Network**

*Time : 3 Hours ]*

*[ Max. Marks : 100*

*Note. Attempt any **five** questions. All questions carry equal marks.*

**Q.1.** Explain

(i) Novell Netware (ii) ARPNet.

**Q.2.** Explain OSI model. Describe Layered architecture of OSI model.

**Q.3.** Explain Transmission media and its types.

**Q.4.** Discuss Selective-Rejective ARQ with all its conditions.

**Q5** Discuss line discipline in data link layer? How can it be done?

**Q6.** Explain i) Flooding ii) Fragmentation.

**Q7.** Explain IP protocol with its header diagram.

**Q8.** What is Network Security? Discuss the need of it.