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VI Semester B.A./B.Sc. Examination, May/June 2019

COMPUTER SCIENCE-VIII
COMPUTER NETWORKS

(CBCS) (F+R) (2016-17 & Onwards)

Time : 3 Hours Max. Marks : 70

Instruction : *Answer* ***all*** *the Sections.*

SECTION - A

I. Answer **any ten** questions. Each question carries **2** marks. **10x2=20**

1. Explain briefly about "Resource Sharing".
2. What is tracert ?
3. Define up-link frequency and down-link frequency.
4. What is baudrate ?
5. What are the 2 techniques of modulations ?
6. Define packets.
7. What is Collision Detect ?
8. What is RJ and mention the use of RJ.
9. Define Bridge.
10. List out any 2 difference between LAN and WAN.
11. Define Protocol.
12. What is Router ?

P.T.O.

SECTION - B

5x10=50

II. Answer **any five** questions. Each carries **10** marks.

13. (a) Name all the advantages of Computer Networks. 5

(b) Describe the probing of Internet. 5

14. (a) Explain optical fiber in detail. 5

(b) Write a note on Microwave transmission. 5

15. (a) Explain the 3 types of transmission modes of asynchronous communication. 5

(b) Write a note on Modem. 5

16. (a) What is the use of FDM and explain. 5

(b) Explain the Detection of errors with CRC. 5

17. Describe the LAN topologies in detail. 10

18. (a) Explain SONET. 5

(b) Describe any 2 DSL technologies. 5

19. (a) What is packet switching and explain. 5

(b) Explain the need of flooding. 5

20. (a) Explain the OSI Layer Model. 5

(b) Explain the features of IPV6. 5

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