

Regular batch 2017+ batch 2016

Paper : DATA COMMUNICATION AND NETWORKING (IT-05)

Time:
18-06-2020
TO
26-06-2020

Submit your assignments@ :
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Max. Marks: 60

Note: Answer any TWO full questions, choosing one full question from any unit. (2 Questions = 30 * 30 = 60 Marks)

UNIT 1

Q1 a . What is data communication? Explain different modes of data communication? (30 Marks)

OR

b . Explain Guided transmission media in detail?

UNIT 2

Q2 a . What are signals? Explain different characteristics of signals? (30 Marks)

OR

b . What is channel capacity? Explain Nyquist law for noiseless channel with an example?

UNIT 3

Q3 a . What is a computer network? Explain LAN MAN and WAN with an example? (30 Marks)

OR

b . Differentiate between intranet and internet?

UNIT 4

Q4 a . What is a network topology? Explain bus and star topology? (30 Marks)

OR

b . Explain OSI model in detail?

Instructions:

- 1. Only handwritten answers are valid.**
- 2. Write on one side of the ruled page only -A4 size page.**
- 3. Mention your---Registration number, Roll No, Name, Semester, batch, backlog or fresh candidate, subject, Cell no, Email, date of submission, signature of candidate on the title page of assignment. (Your registration no. Roll no. Name must be on each page).**
- 4. Assignment should not be more than 10 pages.**
- 5. Separate assignment pages will not be evaluated.**
- 6. Use Camscanner to scan your hand written assignment and make 1 pdf file for upload @google Classroom.**