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K – 4181

Reg. No. :

Name :

Seventh Semester B.Tech. Degree Examination, September 2020

(2013 Scheme)

13.702 : OPTICAL COMMUNICATIONS (T)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer all questions. Each question carries 2 marks.

1. List the advantages of optical fiber communication.
2. What are two types of rays that can propagate through optical fiber?
3. What is photonic crystal fiber?
4. List the requirements of optical communication source.
5. Define and explain the quantum efficiency of photo detector.
6. List various noise sources encountered in photo detectors.
7. What are the advantages of APD?
8. What are the applications of the optical amplifiers?
9. What is WDM?
10. Draw the block diagram of VLC system.

(10 × 2 = 20 Marks)

P.T.O.


Optical Fibre Communication Previous Year Question Paper

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