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Roll No

MEDC-204
M.E./M.Tech. II Semester
 Examination, June 2017
Optical Network
Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.
 ii) Figures to the right indicate full marks.

1. With the help of block diagram, explain the working of optoelectronic regenerative repeater.

OR

Write a note on three generation of digital transport networks.

2. Explain the star coupler for optical communication.

OR

Explain the working of a Fabry-Perot filter.

3. Discuss framework for IP over optical networks.

OR

Discuss SONET and SDH transport network.

4. Discuss bus and star topologies.

OR

Write a note on LAMBDA NET

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5. Explain a note on optical cross connects.

OR

Explain working of configurable wavelength router.

6. Write short note on any two of the following :

- a) OTDM
 b) Deflection routing
 c) Photonic packet switching

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