

SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

Course & Branch: B.Tech - IT

Title of the paper: Telecommunication Systems

Semester: V

Sub.Code: 412505-512505-612503

Date: 29-04-2009

Max.Marks: 80

Time: 3 Hours

Session: AN

PART – A
Answer All the Questions

(10 x 2 = 20)

1. Define Effective area of an antenna.
2. What are the functions of Repeaters?
3. What are the disadvantages of Fiber Optic cable?
4. Mention the types of fiber optic cable.
5. Define Angle of elevation of a satellite.
6. What is the function of Transponder?
7. How many channels are allocated for the cordless telephone system by the FCC?
8. Draw the block diagram of a Paging System.
9. Define Hand off.
10. Draw the block diagram of Fax using Cellular phones.

