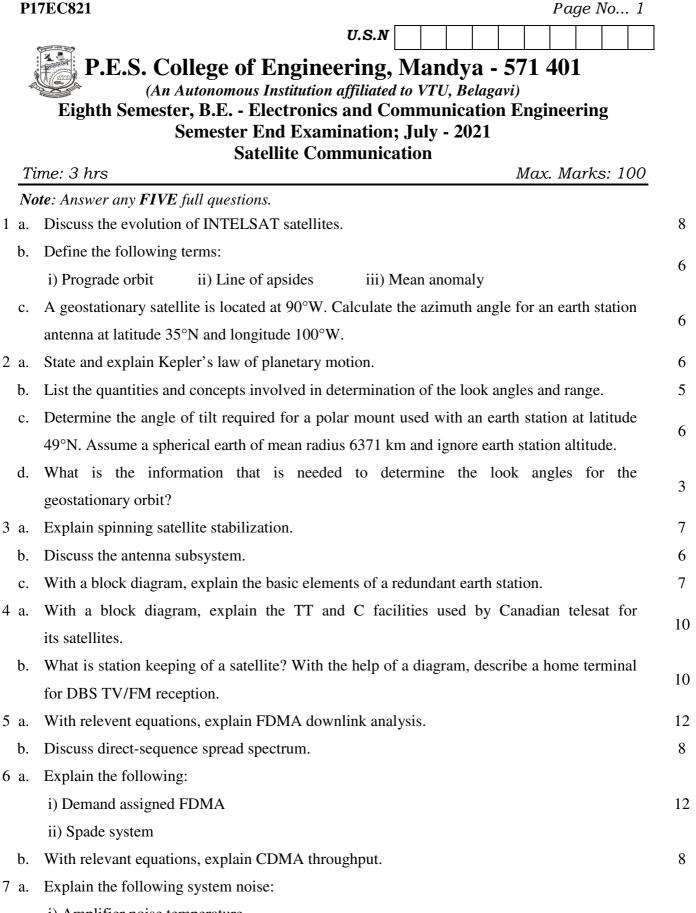
2 a.



- i) Amplifier noise temperature
- ii) Noise factor
- iii) Antenna noise
- Explain Request For Comments (RFCs) in detail. b.
- Write a short note on asymmetric channels. c.

9

8

3

P	17EC821	Page No 2	
8 a.	Explain enhancing TCP over satellite channels using standard mechanisms.		10
b.	With relevant equations, explain saturation flux density.		10
9 a.	Explain transponder capacity.		6
b.	With a block diagram, explain the home reciever indoor unit.		9
c.	List any five applications of radarsat.		5
10 a.	Explain satelite mobile services.		10
b.	With a block diagram, explain MPEG-2 encoder paths.		10

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