

Reg. No. :

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**Question Paper Code: 59420**

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Elective

Electronics and Communication Engineering

15UEC920- ADVANCED TRENDS IN TELECOMMUNICATION

(Regulation 2015)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (10 x 3 = 30 Marks)

**(Answer any three of the following questions)**

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|--|--------|------|
| 1. Explain the origins of Green Communication.   | CO1- U | (10) |
| 2. Describe the evolution of Software Defined Radio.   | CO2-U  | (10) |
| 3. Explain the tasks involved in Spectrum Management in Cognitive Radio Networks.                  | CO3- U | (10) |
| 4. Explain the various Communication protocols used in IoT.  | CO4- U | (10) |
| 5. Explain the steps involved in Bio-signal Transmission and Processing with a neat block diagram. | CO5- U | (10) |