G.R. No.	

PAPER CODE U321-245B(ESE)

May 2022 (ENDSEM) EXAM
T.Y. B. TECH. (SEMESTER - II)
COURSE NAME: Automotive Electronics
COURSE CODE: IOEUA32185B
(PATTERN 2018)

Time: [1Hr]   [Max. Marks: 30]

(*) Instructions to candidates:
1) Figures to the right indicate full marks.
2) Use of scientific calculator is allowed
3) Use suitable data where ever required

Q.1 a) Enlist the characteristics of MOST bus used in automotive system.   [4]

b) Enlist the features of OBD system.   [6]

OR

b) Describe the working of ECU/ECM.   [6]

Q2 a) Describe the emergence significance and offered features of Telematics.   [4]

b) Justify the reason for CAN bus usage in automotive?   [6]

OR

b) Compare CAN Flexural and MOST bus.   [6]

Q.3 a) Enlist the steps involved in Electrical diagnostic technique in automotive.   [4]

b) Describe in details the different techniques involved in electronic stability program   [6]

OR

c) Discuss the components used in ABS and AIRBAG system.   [6]