

Code	•	15MC52T
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Register					
Number					

V Semester Diploma Examination, Nov./Dec.-2018

DESIGN OF MECHATRONICS SYSTEM

[Max. Marks : 100 Time: 3 Hours]

PARTShed By: 5×6=30

Answer any six questions.

- 5 Explain the key elements of mechatronics system design. 1. 5 Explain electrical system in mechatronics. 2. Explain the I/O channels of analog signals. 3. Explain the methods of overcome overframing. 4. 5 Explain testing of transportation bridge surface material briefly. 5. 5 Explain strain gauge weighting system. 6. 5 Explain the De-icing temperature control system. 7.
- Explain artificial intelligence. 9.

8.

Explain the speed control of a DC motor, briefly.

5

5

Turn over

(b)