

*

4639**BOARD DIPLOMA EXAMINATION, (C-14)****MARCH/APRIL-2019****DEEE - FIFTH SEMESTER EXAMINATION****INDUSTRIAL DRIVES**

Time: 3Hours]

[Max. Marks:80

PART-A**10x3=30M**

Instructions: 1) Answer all questions and each question carries three marks.
2) Answers should be brief and straight to the point and shall not exceed five simple sentences.

- 1) Define electric drive.
- 2) List any three advantages of group drive.
- 3) List the types of bearings.
- 4) List any three advantages of electric braking.
- 5) Explain the need of braking resistor in plugging.
- 6) Draw the circuit diagrams of DC shunt motor in dynamic braking at the following conditions:
a) During normal Running b) During Braking.
- 7) List the properties required for a washing machine drive.
- 8) Write the parts of a mixer.
- 9) List the properties required for lathe machine drive.
- 10) Write the suitable motor for the following drives:
a) Punches b) Wood working machines c) Belt conveyor

*

