FACULTY OF ENGINEERING

B.E. (Civil Engineering) – Second Year (Part-I) Examination, December 2021

Subject: Control Systems

Time: 3 Hours

Max. Marks: 70

(Attempt any 5 only, taking at least one question from each unit)

PART – A

Q1. Answer the following questions.

PART – B

Q2. Explain the following terms with the help of block diagram.

Q3. Derive the transfer function of the following mechanical system.

Q4. Derive the transfer function of the following electrical system.

Q5. Derive the transfer function of the following electrical system.

Q6. Derive the transfer function of the following electrical system.

Q7. Derive the transfer function of the following electrical system.