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Dr. Babasaheb Ambedkar Technological University, Lonere-Raigad

Supplementary Examination May/June-2019

For B.Tech. in Electrical Engineering

Subject: Engineering Economics (BTHM306)

Time: 03 hours

Date: 03/06/2019

Max. Marks: 60

Semester: IV

Instructions to the students:

1. Each question carries 12 marks.
2. Attempt any five questions of the following.
3. Illustrate your answers with neat sketches, diagram wherever necessary.
4. If some part or parameter is noticed to be missing, you may appropriately assume it and should mention it clearly.

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- Q.1 a) Write a detailed note on scope and importance of engineering economics. (06)
b) Explain the relationship between Science, Engineering, Technology and Economic Development. (06)
- Q.2 a) Explain the concept and applications of time value of money. (06)
b) Discuss the traditional and modern methods of capital budgeting. (06)
- Q.3 a) Explain Law of demand and write a note on the factors affecting it. (06)
b) What did you understand by demand forecasting? Explain the different methods. (06)
- Q.4 a) Write merits and demerits of Break Even Chart. (06)
b) Explain the concept of cost of production. Explain different types of cost. (06)
- Q.5 a) Explain the law of supply and demand with suitable examples. (06)
b) Write a note on role of demand and supply in price determination. (06)
- Q.6 a) Write a note on the nature and characteristics of Indian Economy. (06)
b) Write short notes on the following: (06)
i) Fiscal and monetary policy ii) Inflation iii) GATT

