

GUJARAT TECHNOLOGICAL UNIVERSITY**ME – SEMESTER –II-(Old) EXAMINATION – SUMMER 2019****Subject Code: 2721402****Date: 09/05/2019****Subject Name: Resources Management****Time: 10:30 AM TO 01:00 PM****Total Marks: 70****Instructions:**

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

- Q.1** (a) Discuss complexities of material management in construction industry. **07**
 (b) Write short note on “construction machinery in India-its evolution”. **07**
- Q.2** (a) Enlist Equipment for construction of skyscrapers also write the construction task at which it can be used. **07**
 (b) State & discuss phases of material management. **07**
- OR**
- (b) Discuss various Depreciation Problems occur in Machine. What is the role of project manager during its handling stage? **07**
- Q.3** (a) Classify the Excavating equipments. Explain any two with suitable sketch. **07**
 (b) Enlist various inventory control techniques and explain any two in details. **07**
- OR**
- Q.3** (a) Discuss the various points can affect the productivity of equipments. **07**
 (b) Explain the quality Cost curve. **07**
- Q.4** (a) Explain preventive maintenance. Write its advantages and disadvantages over predictive maintenance. **07**
 (b) Write Short note on: **07**
 a. Conveying equipments
 b. Pile driving equipments
- OR**
- Q.4** (a) Write short note on “purchasing principles-six rights”. **07**
 (b) Explain equipment maintenance plan. State benefits of preparing equipment maintenance plan. **07**
- Q.5** (a) Discuss various safety aspect in construction equipments. **07**
 (b) Enlist various types of waste on construction project. State causes of wastage. **07**
- OR**
- Q.5** (a) Short Note on: EOQ model **07**
 (b) Which are the various softwares are available for resources management. And write its significance in recent construction. **07**