

THERMAL ENGINEERING MODEL QUESTION PAPER FOURTH SEMESTER DIPLOMA COURSE IN MECHANICAL ENGINEERING

DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA COURSE IN MECHANICAL ENGINEERING
FOURTH SEMESTER
MODEL QUESTION PAPER
THERMAL ENGINEERING-I

Time: 3Hrs
100

Max marks:

Note:

1. Section-I is compulsory

2. Answer any **six full** questions from Section -II, Section-III, and Section-IV

Choosing at least **TWO** from each section

SECTION I

1. A) Fill in the blanks with appropriate words:-

1X5

- i) The Second law of thermodynamics defines _____
- ii) The work done in constant volume process is _____
- iii) _____ calorimeter is used for measuring calorific value of solid fuel
- iv) The Value of gas constant(R) is _____
- v) The enthalpy of dry saturated steam _____ with the increase in pressure

B) Write a note on Junkers gas calorimeter

5

SECTION II

Tndte Thermal Engineering Model Question Paper

N. Takata



Tndte Thermal Engineering Model Question Paper:

Thermogrammetry and thermal engineering ,1989 **Thermal Tests of Engineering Test Satellite VII and**
Theoretical Mathematical Model Evaluation N. Takata,1998

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