

1st Internal (SSIT POLYTECHNIC)

SUBJECT-DESIGN OF MACHINE ELEMENT

BRANCH-Mechanical Engg & Mechanical (I.I) Engg(5TH SEM)

TIME:1 HOURS

MAXIMUM MARKS

1. Answer all question:

2×5=

- (a) Define machine design.
- (b) What is the stress and strain ?
- (c) What is yield stress and example ?
- (d) What is factor of safety and formula?
- (e) What is the meaning of engineering materials?

2. Answer all question .

5×2=

(A) Describe about classification of machine design.

(B)What are the welding joint in mechanical engineering and briefly describe?

***** ALL THE BEST *****