

Ref No: Ex/Prod/PE/B/T/421A/2023(S)

B.Prod. Engg. 4th Year 2nd Semester (Supplementary) Examination - 2023

Subject: Tribology

Time: 3 Hours

Marks: 100

(Answer any five questions)

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| 1. What is spectrometric oil analytical procedure (SOAP)? | 20 |
| 2. Elucidate the importance of studying Stribeck curve . | 20 |
| 3. Show the classical Reynolds equation for one dimensional flow. | 20 |
| 4. Expound the P-V factor with example. | 20 |
| 5. Explicate system approach w.r.t. Tribology | 20 |
| 6. Discuss Hertzian contact stress. | 20 |