

EXAM #1

TUESDAY, MARCH 17, 2026

60 MINUTES

QUESTION

- | | |
|---------------------------------|---------|
| 1) TRUSS ANALYSIS | |
| • METHOD OF JOINTS | |
| • METHOD OF SECTIONS | 1 & (2) |
| 2) SHEAR FORCE & BENDING MOMENT | |
| WRITE EQUATIONS | (3) & 4 |
| 3) SF & BM DIAGRAMS - BEAMS | (5) & 6 |
| 4) SF & BM DIAGRAMS - FRAMES | 7 & (8) |

4 PROBLEMS