

## Final Term Assignment/Quiz (Summer Semester 2020)

**Note: Attempt all questions. Answer of the given questions must be uploaded within 04 hours after uploading of question paper. No answer sheet will be considered after given time period.**

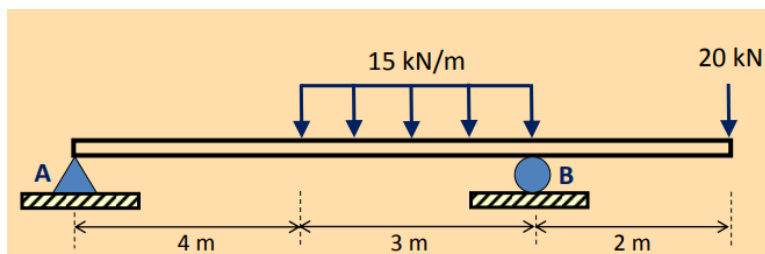
**Q No 1: CLO-01 (05)**

Briefly discuss shear force and bending moment. Also differentiate between moment of resistance and bending moment.

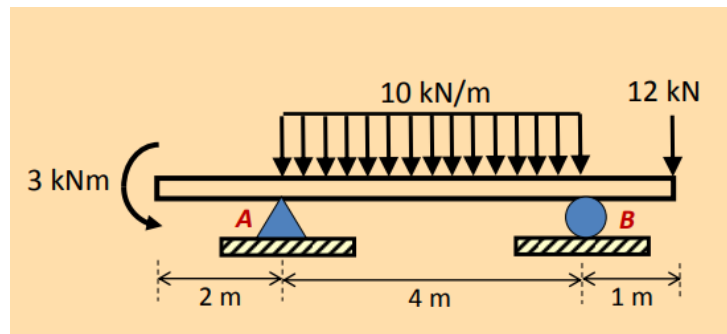
**Q No 2: CLO-02 (15+15)**

Draw shear force & bending moment diagram for the following:

1)



2)



**Q No 3: CLO-01 (05+10)**

1. Briefly describe coulomb theory of friction.
2. Define the following terms:

- Principle axes
- Radius of gyration
- Work
- Power
- Energy
- Newton equation of motion

“Good Luck”