## **Assignment**

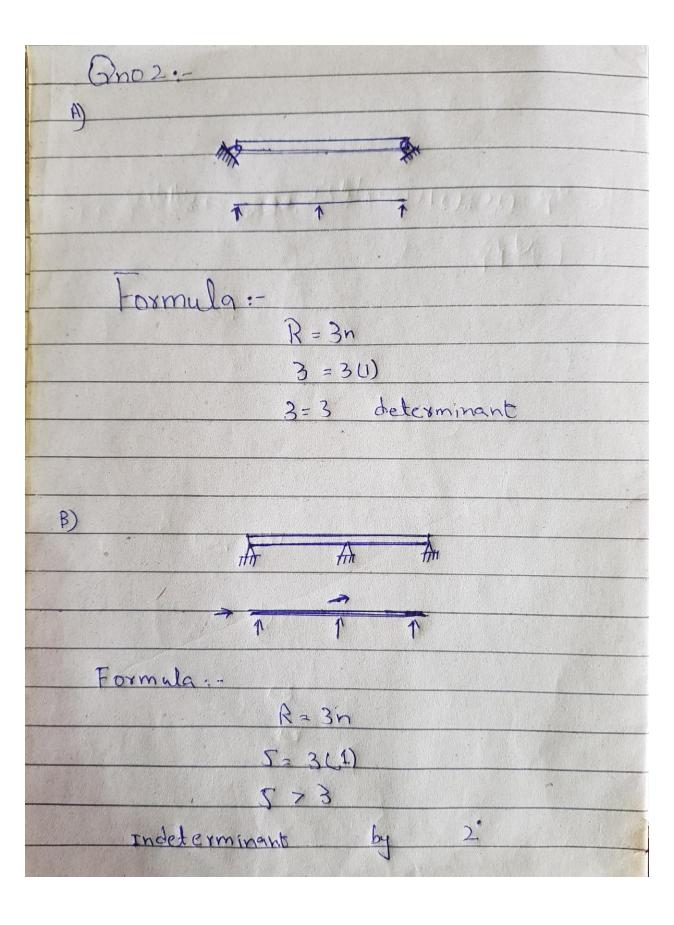
NAME: Shah saud

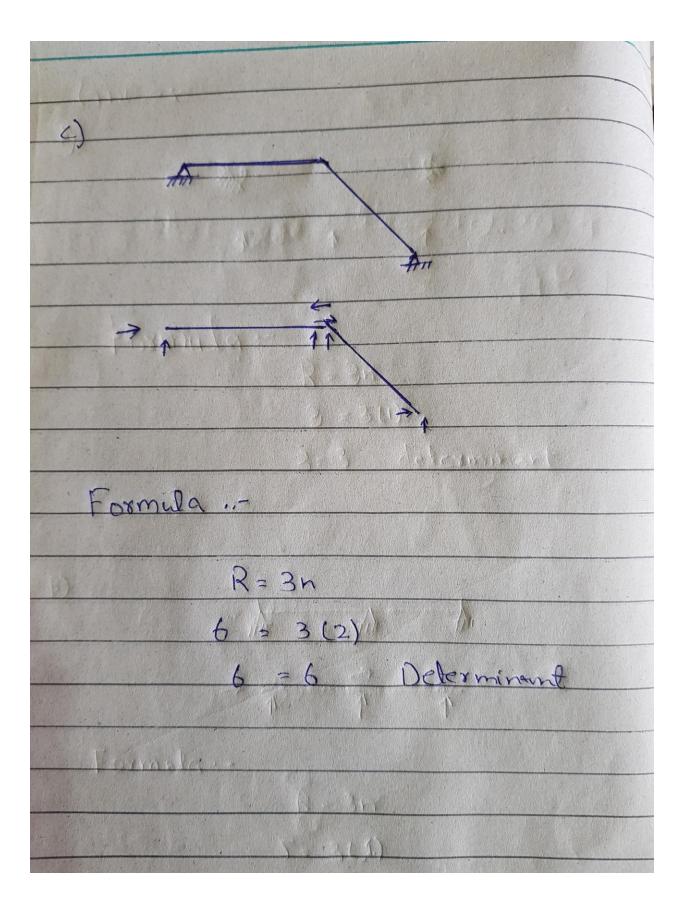
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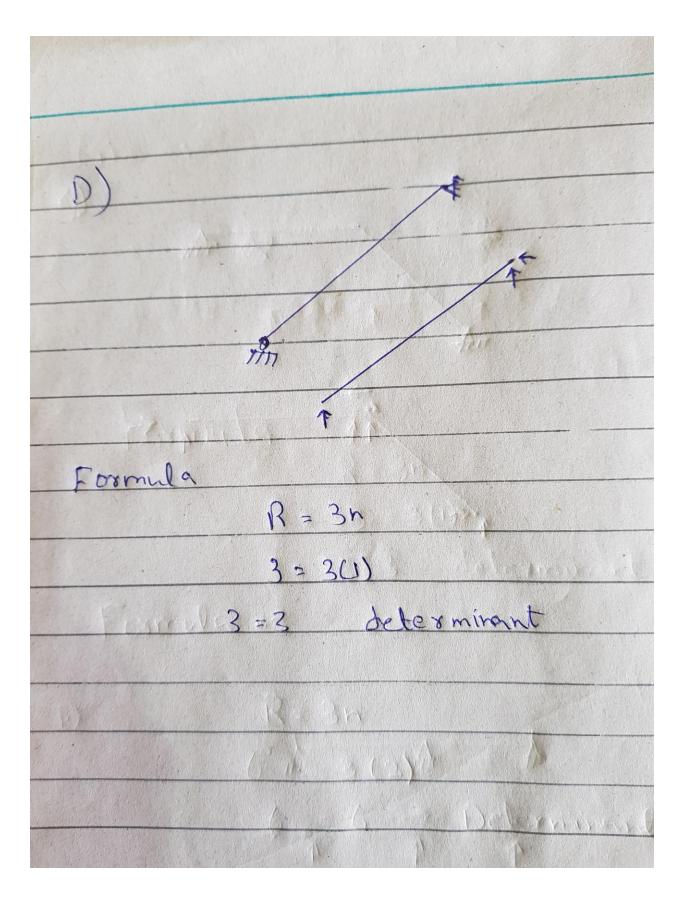
**Department: BTECH(civil)** 

## 1:- FILL IN THE BLANKS.

- 1) if I want to know the shear force and boundry momnt diagram produced by moving truck on bridge then the method , I prefer to use will be **Brut force method** .
- 2) beam having all reaction parallel will be determinant.
- 3) the structure for which all reaction and forces can be analyzed or formed by using equation of equilibrium is statically **determinant**.
- 4) In a formula r=3n, n shows **No of members**.
- 5) For fix and support the number of reactions are three.







QNO 3:-× Sin Find influence line for the readion at My due to moving So For Solution: - Use brut. Force statistics . place the load and Calculate L =0 1Aj=1 50 -1 +Ay =0 Ay = 1

10 To Kill poor 40 + 4Fx=0 -1+Ay=0 So influence Im 5n 0 10 m