

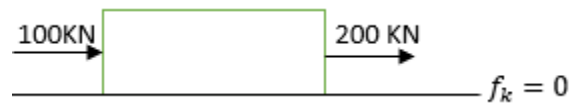
RWASA-2023

Marks – $10 \times 3 = 30$

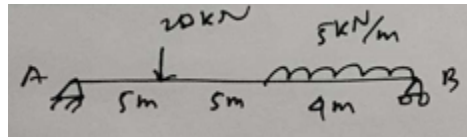
1. What is RSF?
2. Full form of WASA in Bengali.
3. RWASA কবে থেকে যাত্রা শুরু করে?
4. Water at 10°C is flowing through a horizontal pipe of 10.2cm diameter at an average velocity of 1.2 m/s. calculate the Reynold's number and comment whether the flow is turbulent or laminar.
5. Full form: ASTM, AASHTO, ES
6. Difference between IL and SF.

Marks – $14 \times 5 = 70$

1. If P and Q is 100 KN and 200 KN respectively and $\theta = 30^\circ$ then find the load R.
2. find stress for the block.



3. Draw sfd and bmd.



4. Population calculation by geometric progression method.
5. Standard value by BD and WHO of As, Fluoride, chloride and turbidity.
6. If oxygen depletion (D) and factor 0.02 find BOD.
7. RCC design math by USD: calculate the flexural steel for the beam in 3.
8. Active and total DOF.

