

# Physics ( Force - Work - Energy ) ( by Sonu Sir )

- Q. (1) Write the Formula of Force.
- Q. (2) Write S.I. and C.G.S. Unit of Force.
- Q. (3) Write the Relation betn C.G.S. and S.I. Unit Force.
- Q. (4) Write Formula of Moment of Force
- Q. (5) Write the S.I. and C.G.S. Unit of Moment of Force and also Relation between them.
- Q. (6) Write the Factors on which Moment of Force depends.
- Q. (7) A Force 50 N Displaced a body 20 m. Find Work done.
- Q. (8) Write the S.I. and C.G.S. Unit of Work and Relation between them
- Q. (9) When Work done is maximum?
- Q. (10) When Work done is Zero?
- Q. (11) Write the Value of 1gf and 1Kgf.
- Q. (12) Write the Value of 1KWh = ..... Joule.
- Q. (13) When Moment of Force taken Positive and Negative?

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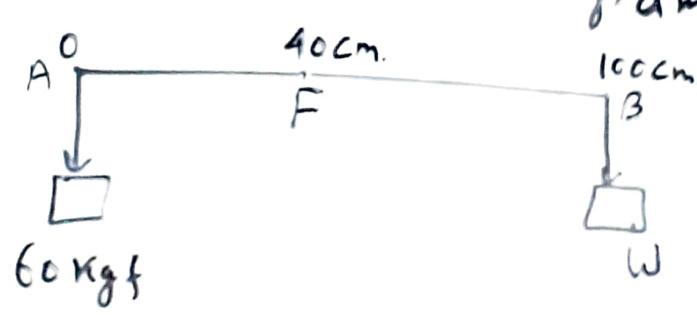
4. When system of a body said to be in Equilibrium?

5. Write the Relation betn K.E. and Linear Momentum of a moving body.

6. What do you mean by "KW" and "KWh"?

7. What is the direction of Centripetal and Centrifugal Force?

8. Where the position of Centre of gravity for a Meter scale and Parallelogram?

9.  In Fig. Find Un-known Weight "W".

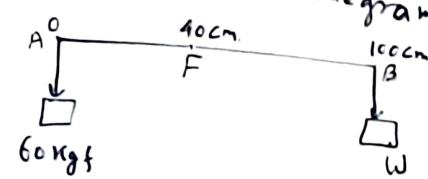
10. If a body of mass 20kg Rise up to a height 20m in 10 sec. Find Power.

11. Two body of masses 20kg and 40kg Rise up to Same height Find Ratio of Work done.

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- Q. (14) When System of a body said to be in Equilibrium?
- Q. (15) Write the Relation betn K.E. and Linear Momentum of a moving body.
- Q. (16) What do you mean by "KW" and "KWh"?
- Q. (17) What is the direction of Centripetal and Centrifugal Force?
- Q. (18) Where the position of Centre of gravity for a Meter scale and Parallelogram?
- Q. (19)  In Fig. Find Un-known Weight "W".
- Q. (20) If a body of mass 20kg Rise up to a height 20m in 10 sec. Find Power.
- Q. (21) Two body of masses 20kg and 40kg Rise up to Same height Find Ratio of Work done.