

**Work, Factors affecting the amount of work done,
Units of work
CLASS-VIIIC(RANK UP)**

**SUBJECT : PHYSICS
CHAPTER NUMBER: 4
CHAPTER NAME : ENERGY**

CHANGING YOUR TOMORROW

Home Assignment

1. Define work.
2. When does a force perform work ?
3. State two conditions when no work is done by a force.
4. In which of the following cases is work being done
 - a) A boy pushing a heavy rock
 - b) A boy climbing up the stairs
 - c) A coolie standing with a box on his head
 - d) A girl moving on the road.
5. A coolie is moving on a road with a luggage on his head. Does he perform work against the force of gravity? Give reason for your answer.
6. The moon is revolving around the earth in a circular path. How much work is done by the moon ?

Home Assignment

7. Write the expression for work done by a force.
8. State the S.I. unit of work and define it.
9. State two factors on which the work done on a body depends.
10. Define the term energy.
11. State the S.I. unit of energy.
12. Define 1 joule of energy.

THANKING YOU
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