

## Revision questions 22

- 1 Which of these is not correct? A force \_\_\_\_\_.  
A causes movement of a body.  
B changes direction of a body.  
C changes the shape of a body.  
D is the ability to work.
- 2 Which of these is not an example of non-contact forces?  
A Light force  
B Gravitational force  
C Electrical force  
D Magnetic force
- 3 Which of these statements is correct?  
A Balanced forces are unequal forces.  
B Unbalanced forces are equal forces.  
C Balanced forces are equal forces.  
D Balanced forces cause the motion of a body.
- 4 Two types of forces are \_\_\_\_\_ and \_\_\_\_\_.
- 5 Two types of contact forces are \_\_\_\_\_ and \_\_\_\_\_.
- 6 Non-contact forces are also known as \_\_\_\_\_.
- 7 What is the difference between the mass of a body and its weight?
- 8 Whose gravitational force is greater: A man whose mass is 100 kg or a man whose mass is 150 kg?
- 9 Define friction.
- 10 Mention a major advantage of friction.
- 11 Mention three (3) disadvantages of friction.



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## Basic Science mid term assignment

1. 75% ability to do work
2. light force
3. balanced forces are equal forces
4. Contact and non contact force
5. push pull  
traction traction
6. force field
7. m x b m x h
8. 50 kg 150 kg  
friction
9. friction is the resistance that opposes the relative motion between two surfaces or objects in contact with each other.
10. enables us to walk freely
11. A lot of energy is wasted
  - a. produces tear
  - b. produces heat