P.7.1. – Forces multiple choice test

1) The force acting on an object from water is called.........?

- [ ] Upthrust
- [ ] Normal Contact Force
- [ ] Air resistance
- [ ] Gravity

2) If 2 force arrows are the same size, we call the forces........?

- [ ] Balanced
- [ ] Unbalanced
- [ ] Neutral
- [ ] Normal

3) Which of the following forces is a contact force?

- [ ] Gravity
- [ ] Friction
- [ ] Magnetism
- [ ] Electrostatic

4) Which of the following forces is a non-contact force?

- [ ] Compression
- [ ] Tension
- [ ] Friction
- [ ] Gravity

5) When an object is under compression, how do we describe the change in shape?

- [ ] Shrinking

- [ ] Expansion
- [ ] Moving
- [ ] Deformation

6) If the force of gravity is greater than upthrust, what would happen?

- [ ] The object would sink
- [ ] The object would decelerate
- [ ] The object would float
- [ ] The object would accelerate

7) What do we use to measure a force?

- [ ] Weighing scales
- [ ] A stopwatch
- [ ] Newton meter
- [ ] A kettle

8) Who came up with a law relating a spring to the force applied to it?

- [ ] Robert Look
- [ ] Robert Hooke
- [ ] Robert Shook
- [ ] Robert Book

9) What is the upwards force acting on an object falling through the air?

- [ ] Air resistance
- [ ] Friction
- [ ] Drive
- [ ] Upthrust

10) If force arrows are not the same size, we call them......?

- [ ] Wobbly
- [ ] Wrong
- [ ] Unbalanced
- [ ] Balanced

11) What is the name of the variable that we change?

- [ ] Control Variable
- [ ] Method variable
- [ ] Independent variable
- [ ] Dependent Variable

12) What do we use to draw a table?

- [ ] Pencil and ruler
- [ ] Pen and ruler
- [ ] Pencil and freehand drawing
- [ ] Pen and freehand drawing

13) What do we need to keep the same for all values in a column

- [ ] The size of the words/numbers
- [ ] Number of decimal places
- [ ] The time that you write it in the table
- [ ] The colour of the pen

14) Where do we put the units in a table?

- [ ] In the table heading only
- [ ] Every other value in the column
- [ ] Nowhere - they are not important
- [ ] After every value in the column

15) What is the name of the variable that we measure?

- [ ] Measuring variable
- [ ] Dependent variable
- [ ] Control variable
- [ ] Independent variable

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