

# 108 Days Online Coaching Day~(66)05/05/2020 Tuesday

PHYSICS



Name of the candidates \*

M1

Place of the candidates \*

Kozhikode

WhatsApp number (Joined in sai education Coaching platform) \*

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Questions

MEDIUM OF TEST : ENGLISH

Please watch the online classes and answer the following questions

<https://youtu.be/Z5z8Gs8-ekQ>

<https://youtu.be/lt6uQKZiULY>

1) Newton is the unit of \*

1 point

- Force
- Mass
- Speed
- Non of the above

2) Kilograms is the unit of \*

1 point

- Weight
- Tension
- resistance
- Mass

3) Force due to pull of the gravity is called? \*

1 point

- Weight
- Force
- Mass
- Tension

4) Gravitational pull force is not dominant on? \*

1 point

- Speed
- Weight
- Mass
- Friction

5) Spring balance is used to measure? \*

1 point

- Mass
- Time
- Weight
- acceleration

6) Who said that in the universe every body exerts a gravitational force on every other body? \* 1 point

- Einstein
- Irene Curie
- Sir Isaac Newton
- Galileo Galilei

7) weight of a body at the centre of the earth? \* 1 point

- Zero
- 0.00
- 1
- Non of the above

8) The SI unit for pressure is the \* 1 point

- Newton.
- Watt.
- Pascal.
- none of the above

9) Which of the following factors affect the Surface Tension? \*

1 point

- Nature of liquid
- Area of Surface
- Both a and b
- None of the above

10) Mercury is the \_\_\_\_\_ planet in the Solar System. \*

1 point

- Smallest
- Second smallest
- Third smallest
- Second largest

11) Escape velocity of earth is \*

1 point

- 12.1 km/s
- 11.22 Km/s
- 12.2 km/s
- 11.2 km/s

12) Normal atmosphere pressure is-----? \*

1 point

- 700 mm/ Hg
- 1000 mm/ Hg
- 760 mm/ Hg
- Non of the above

13) What is the weight a body on the moon? \*

1 point

- 1/6 of in earth
- 1/16 of in earth
- 11/6 of in earth
- Non of the above

14) The standard value of  $g$  on the surface of the earth at sea level is ? \*

1 point

- 9.8 m/s<sup>2</sup>.
- 9.88m/s
- 9.8m/s
- Non of the above

15) Force per unit area is -----? \*

1 point

- Pressure
- Friction
- Mass
- Weight

16) Highest density liquid is -----? \*

1 point

- Water
- Mercury
- Ice
- Non of the above

17) Density of water is ----? \*

1 point

- 1000 kg/ m<sup>3</sup>
- 1000 kg/m<sup>2</sup>
- 100 kg/m<sup>3</sup>
- Non of the above

18) Newton is the standard unit of -----? \*

1 point

- Pressure
- Friction
- Force
- Non of the above

19) The instrument working based on the principle of flotation is ..... \*

1 point

- Lactometer
- Barometer
- Hydrometer
- 1st and 3rd

20) Lubricant is -----? \*

1 point

- Increase friction
- Reduce friction
- Minimize friction
- Non of the above



21) SI unit of density is ----? \*

1 point

- kg/m<sup>3</sup>
- g/m<sup>2</sup>
- kg/m<sup>2</sup>
- Non of the above

22) Barometer is used to measure -----? \*

1 point

- Water pressure
- Air pressure
- Non of the above

23) Which of the following is NOT a conservative force? \*

1 point

- Electrostatic force
- Magnetic force
- Force in an elastic spring
- Frictional force

24) Who was the first to state the principle of floatation? \*

1 point

- Isaac Newton
- Archimedes
- Aristotle
- Galileo Galilei

25) What is the upward force experienced by a body, when it is immersed in a fluid, known as? \*

1 point

- Tangential force
- Buoyant force
- Centrifugal force
- Hydraulic force

THANK YOU

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