



Name of the Bundle	Proficient Bundle V2	Subject	Competitive Exams Training (Science & Geography)
Topic	Unit & Measurement	Last updated on	29 January 2025

Multiple choice questions (MCQ) on Unit and measurement :

1. The speed of light is _____.

- a. 299,792,458 m/s
- b. 299,792,458 km/s
- c. 499,792,458 km/s
- d. 499,792,458 m/s

Ans: a. 299,792,458 m/s

2. The unit of luminous intensity is _____.

- a. Metre (m)
- b. Newton (N)
- c. Candela (cd)
- d. Becquerel (Bq)

Ans: c. Candela (cd)

3. Becquerel is the unit of _____.

- a. Frequency
- b. Radioactive decay
- c. Electrical capacitance
- d. Luminous intensity

Ans: b. Radioactive decay

4. The mole is the amount of substance which contains as many entities as there are atoms in _____ of carbon-12.

- a. 0.012 kg
- b. 0.012 gram
- c. 0.020 kg
- d. 0.020 gram

Ans: a. 0.012 kg



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5. Which is the standard unit of Power?

- a. Protons
- b. Watt
- c. Volts
- d. Hertz

Ans: b. Watt

6. Which of the following given options represents Distance?

- a. Ohm
- b. Joule
- c. Light year
- d. Faraday

Ans: c. Light year

7. Ampere is the unit of _____.

- a. Electric Current
- b. Capacitance
- c. Electric Potential
- d. Resistance

Ans: a. Electric Current

8. Force can be measured in _____.

- a. Rutherford
- b. Dyne
- c. Newton
- d. Ohm

Ans: c. Newton



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9. What is the unit for measuring Heat?

- a. Joule
- b. Ampere
- c. Calorie
- d. Watt

Ans: a. Joule

10. Which of the following is not correct of the given options?

- a. Pressure – Pascal
- b. Force – Newton
- c. Work – Joule
- d. Heat – Ampere

Ans: d. Heat – Ampere

11. Which of the following is used for measuring the speed of a ship?

- a. Nautical Mile
- b. Knot
- c. Light year
- d. Calorie

Ans: b. Knot

12. Wavelength can be measured in the _____.

- a. Angstrom
- b. Calorie
- c. Pascal
- d. Mach

Ans: a. Angstrom



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13. Which of the following given options are used for measuring Earthquakes?

- a. Bar
- b. Byte
- c. Cusec
- d. Richter scale

Ans: d. Richter Scale

14. Find the odd one out.

- a. Kelvin
- b. Joule
- c. Celsius
- d. Fahrenheit

Ans: b. Joule

15. Which of the following options measures the flow rate?

- a. Dobson
- b. Poise
- c. Maxwell
- d. Cusec

Ans: d. Cusec

16. The pyrometer can be used for _____.

- a. Work
- b. High Temperature
- c. Density
- d. Heat

Ans: b. High Temperature



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17. Dobson is the unit to measure _____.

- a. Ozone layer
- b. Diamond
- c. Stars
- d. Depth of sea

Ans: a. Ozone layer

18. A megawatt is related to _____.

- a. Saving of Power
- b. Consumption of power
- c. Generation of power
- d. Loss of power

Ans: c. Generation of power

19. Which one of the following given options can best describe "Light year"?

- a. It is a speed of sound
- b. It is a distance covered by the sound
- c. It is a distance covered by light
- d. It is the speed of light

Ans: c. It is a distance covered by light

20. Which of these is a derived quantity?

- a. Momentum
- b. Mass
- c. Temperature
- d. Time

Ans: a. Momentum



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21. Which one of these is the system of units?

- a. SMS system
- b. CJS System
- c. FPS System
- d. MKP system

Ans: c. FPS System

22. Which of the following units is used for measuring the amount of a substance?

- a. Lux
- b. Mole
- c. Tesla
- d. Joule

Ans: b. Mole

23. The unit of momentum is _____.

- a. kgms²
- b. Kgms⁻¹
- c. kgms
- d. Kgms⁻²

Ans: b. Kgms⁻¹

24. The unit of Force is _____.

- a. gms⁻¹
- b. Kgms⁻¹
- c. gms⁻²
- d. Kgms⁻²

Ans: d. Kgms⁻²



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25. Which of the following is NOT a unit of work?

- a. Kgm/sec^2
- b. $\text{Kgm}^2/\text{sec}^2$
- c. Newton meter
- d. Joule

Ans: a. Kgm/sec^2

26. 89 Mega Joules can also be expressed as _____.

- a. 8900 Joules
- b. 890000 Joules
- c. 89000 Joules
- d. 89000000 Joules

Ans: d. 89000000 Joules

27. One astronomical unit is a distance equal to _____.

- a. $9.46 \times 10^{15} \text{ m}$
- b. $1.5 \times 10^{11} \text{ m}$
- c. $3 \times 10^8 \text{ m}$
- d. $3.08 \times 10^{16} \text{ m}$

Ans: b. $1.5 \times 10^{11} \text{ m}$

28. Which among the following is the Supplementary Unit?

- a. Mass
- b. Time
- c. Solid angle
- d. Luminosity

Ans: c. Solid angle



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29. What is the unit of solid angle?

- a. second
- b. Steradian
- c. kilogram
- d. candela

Ans: b. Steradian

30. Farad is the unit of _____.

- a. Luminosity
- b. Wavelength
- c. Permittivity
- d. Inertia

Ans: c. Permittivity

31. Which of the following is not a physical quantity?

- a. Length
- b. Time
- c. Mass
- d. Kilogram

Ans: d. Kilogram

32. The SI unit of sound wave frequency was named in honor of which physicist?

- a. Werner Heisenberg
- b. Heinrich Hertz
- c. Albert Einstein
- d. Maxwell

Ans: b. Heinrich Hertz



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33. The expression of Density is _____.

- a. Length x Breadth
- b. Area/ Height
- c. Mass/ Volume
- d. Force x Distance

Ans: c. Mass/ Volume

34. The power of a lens is measured by _____.

- a. Ampere
- b. Kelvin
- c. Candela
- d. Diopter

Ans: d. Diopter

35. Which of the following is used for measuring the speed of a ship?

- a. Nautical Mile
- b. Knot
- c. Light year
- d. Calorie

Ans: b. Knot

36. The power of a lens is measured by _____.

- a. Ampere
- b. Kelvin
- c. Candela
- d. Diopter

Ans: d. Diopter



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37. What is the SI unit of pressure?

- a. Ohm
- b. Pascal
- c. Volt
- d. Ampere

Ans: b. Pascal