

General Science Mega Quiz for SSC Tier-1

Q1. Motion of the train is an example of___?

- (a) Rotatory motion.
- (b) spin motion.
- (c) projectile motion.
- (d) Translatory motion.

Q2. A large force on a rotating body results in larger___?

- (a) Mass.
- (b) Torque.
- (c) Axis of rotation.
- (d) centre of mass.

Q3. The mass of an object___?

- (a) changes from place to place.
- (b) Remains same everywhere.
- (c) Is equal to it's weight.
- (d) Is greater at the mountains.

Q4. Alcohol is more volatile than the water because___ is lower than the water?

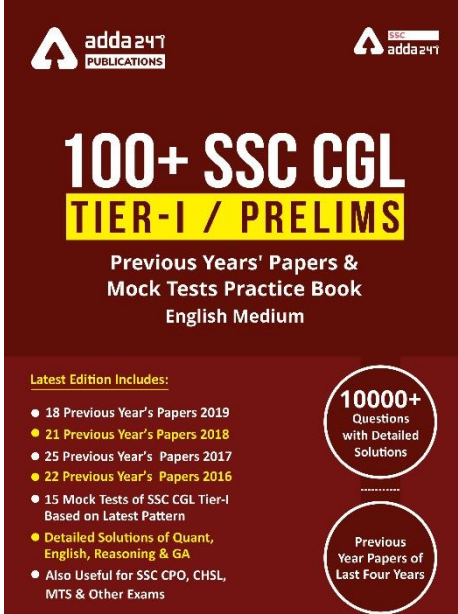
- (a) it's boiling point.
- (b) it's density.
- (c) it's viscosity.
- (d) it's surface tension.

Q5. If Cream is removed from the milk, it's density?

- (a) increases.
- (b) Decreases.
- (c) Remains the same.
- (d) May increase or decrease.

Q6. Water from soil enters into the root hairs owing to the?

- (a) Atmospheric pressure.
- (b) Capillary pressure.
- (c) Root pressure.
- (d) osmotic pressure.



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Q7. A boat will not submerge when it displaces water equal to it's own?

- (a) volume.
- (b) weight.
- (c) surface area.
- (d) Density.

Q8. Parsec is the unit measurement of?

- (a) Density of star's.
- (b) Astronomical distance.
- (c) Brightness of heavenly bodies.
- (d) orbital velocity of giant star's.

Q9. A second pendulum is a pendulum whose time period is?

- (a) 1 sec.
- (b) 4 sec.
- (c) 3 sec.
- (d) 2 sec.

Q10. Pitch is the sensation which depends upon the?

- (a) frequency.
- (b) Intensity.
- (c) velocity.
- (d) Amplitude.



Q11. A body absorbs maximum amount of heat when it is?

- (a) Black and rough.
- (b) Black and smooth.
- (c) white and rough.
- (d) white and smooth.

Q12. The hottest part of the gas flame is known as?

- (a) Non- luminous zone.
- (b) Blue zone.
- (c) luminous zone.
- (d) dark zone.

Q13. Which of the following are the methods of the heat transfer?

- (a) convection.
- (b) evaporation.
- (c) revolution.
- (d) Thermal expansion.

Q14. The layer of atmosphere used for radio-wave transmission is?

- (a) Chromospheres.
- (b) troposphere.
- (c) ionosphere.
- (d) stratosphere.

Q15. Matter waves are?

- (a) de broglie waves.
- (b) electromagnetic waves.
- (c) Transverse waves.
- (d) Longitudinal waves.

Q16. Forged documents are detected by?

- (a) ultraviolet rays.
- (b) infra Red rays.
- (c) Beta Ray's.
- (d) Gamma rays.

Q17. One can distinguish a telescope from a microscope by observing?

- (a) length.
- (b) colour.
- (c) size of the lens.
- (d) length and size of the lens.

Q18. The splitting of different colours of light in a prism is?

- (a) Reflection of light.
- (b) dispersion of light.
- (c) Diffraction of light.
- (d) Refraction of light.

Q19. Light beam which is highly directional is called?

- (a) eraser.
- (b) grazer.
- (c) maser.
- (d) laser.

Q20. Which colour is formed when Blue and green are mixed?

- (a) Cyan.
- (b) Brown.
- (c) Black.
- (d) Violet.

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Q21. If water smells bad, then that odour can be removed by adding?

- (a) Alum.
- (b) Bleach.
- (c) activated carbon.
- (d) deactivated nitrogen.

Q22. Fire- fighting clothes are made from the?

- (a) mica.
- (b) asbestos.
- (c) Talc.
- (d) steatite.

Q23. The common name of the sulphur is?

- (a) Freon.
- (b) Galena.
- (c) Lime.
- (d) brimstone.

Q24. What is the nature of pH of milk?

- (a) Slightly acidic.
- (b) Slightly basic.
- (c) Highly acidic.
- (d) Highly basic.



Q25. Which one of the following is the best fuel in terms of the energy released per gram of the fuel?

- (a) hydrogen.
- (b) methane.
- (c) ethanol.
- (d) butane.

Q26. The physical method commonly used to purify the sea water?

- (a) filtration.
- (b) evaporation.
- (c) sedimentation.
- (d) distillation.

Q27. Main constituent of Biogas is?

- (a) carbon monoxide.
- (b) carbon dioxide.
- (c) hydrogen sulphide.
- (d) methane.

Q28. The toxic gas present in the smoke exhausted by cars is?

- (a) CO.
- (b) CO₂.
- (c) C₂H₄.
- (d) CH₄.

Q29. Which among the following metal is used for galvanization?

- (a) Zinc.
- (b) Copper.
- (c) iron.
- (d) silver.

Q30. Which of the following metal is the heaviest?

- (a) Iron.
- (b) silver.
- (c) nickel.
- (d) osmium

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