

General Science Mega Quiz for SSC Tier-1

Q1. Which one of the following is not a form of carbon?

- (a) Graphite.
- (b) Charcoal.
- (c) soot.
- (d) Haematite.

Q2. Percentage of Lead in the lead pencils is?

- (a) 0.
- (b) 31-66.
- (c) 40.
- (d) 80.

Q3. The branch of medicine involving synthetic chemical compounds is?

- (a) Allopathic.
- (b) Homoeopathic.
- (c) Unani.
- (d) Ayurveda.

Q4. Which of the following elements behave chemically both as metal and a non- metal?

- (a) Argon.
- (b) Carbon.
- (c) Xenon.
- (d) Boron.

Q5. Who discovered oxygen?

- (a) Carl scheele.
- (b) Hooke.
- (c) Heisenberg.
- (d) Williams.

Q6. Bleaching liquors are inorganic pollutants produced mainly by which industry?

- (a) paper and pulp industry.
- (b) Iron and steel industry.
- (c) mining industry.
- (d) Ruthenium.

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Q7. Which organism is responsible for alcohol fermentation?

- (a) Chlorella.
- (b) Yeast.
- (c) agaricus.
- (d) Puccinia.

Q8. Substance which are used as a food preservatives?

- (a) Sodium carbonate.
- (b) Tartaric acid.
- (c) Acetic acid.
- (d) Sodium salts of benzoic acids.

Q9. Tajmahal is affected by which of the following?

- (a) so₂.
- (b) CO.
- (c) NO.
- (d) CO₂.

Q10. Spirit in contact with body gives cool sensation because it is?

- (a) A liquid.
- (b) A conductor.
- (c) A transparent.
- (d) Highly volatile,

Q11. Which of the following has the lowest frequency?

- (a) Visible ray.
- (b) Gamma ray.
- (c) X-ray.
- (d) ultraviolet rays.

Q12. Which of the following colour of light deviates least through the prism?

- (a) yellow.
- (b) Green.
- (c) violet.
- (d) red.

Q13. Which of the following does not have any effect on velocity of sound?

- (a) Pressure.
- (b) Temperature.
- (c) Humidity.
- (d) Density.

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

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

Q15. Submerged objects can be located using?

- (a) Radar.
- (b) sonar
- (c) Quasar.
- (d) Pulsar.

Q16. Light beam which is highly directional is called?

- (a) Eraser.
- (b) Grazer.
- (c) Maser.
- (d) Laser.

Q17. What is the unit of frequency?

- (a) Decibel.
- (b) watt.
- (c) Hertz.
- (d) Newton.

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. Rate of change of momentum is?

- (a) area.
- (b) pressure.
- (c) force.
- (d) velocity.

Q20. Which of the following force is a virtual force?

- (a) centripetal force.
- (b) centripetal reaction force.
- (c) centrifugal force.
- (d) strong nuclear force.

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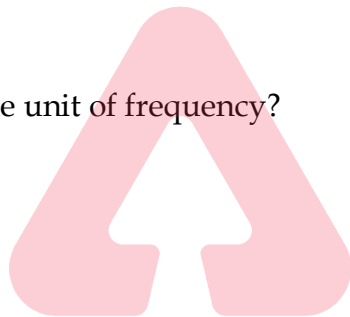
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Q21. Atomic number is denoted by which alphabet?

- (a) A.
- (b) N.
- (c) Z.
- (d) E.

Q22. In nuclear reactor, neutrons are slowdown by the?

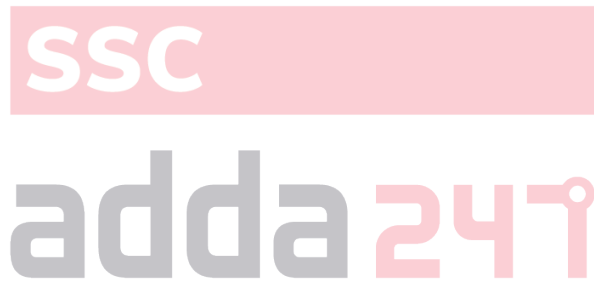
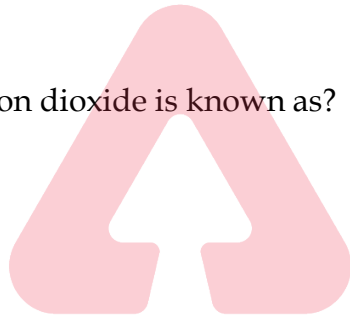
- (a) Fissionable product.
- (b) Moderator.
- (c) controlling rod.
- (d) coolant system.

Q23. Aluminium oxide is an?

- (a) Basic oxide.
- (b) neutral oxide.
- (c) Amphoteric.
- (d) Acid oxide.

Q24. Solid carbon dioxide is known as?

- (a) Hypo.
- (b) Borax.
- (c) Alum.
- (d) Dry ice.



Q25. Denatured spirit or denatured alcohol is mixed with?

- (a) petrol.
- (b) kerosene.
- (c) water.
- (d) Pyridine.

Q26. What is the wood spirit?

- (a) Methyl alcohol.
- (b) Ethyl alcohol.
- (c) Butyl alcohol.
- (d) propyl alcohol.

Q27. KMnO_4 can be used as?

- (a) fertilizer.
- (b) insecticide.
- (c) disinfectant.
- (d) pesticide.

Q28. Fabric made from_____ doesn't get wrinkled easily?

- (a) cotton.
- (b) Flax.
- (c) silk.
- (d) polyester.

Q29. _____ is obtained by the evaporation of the sea?

- (a) sugar.
- (b) Iron.
- (c) Salt.
- (d) Steel.

Q30. Atomic explosion is triggered by?

- (a) Thermo nuclear reaction.
- (b) chemical reaction.
- (c) controlled chain reaction.
- (d) uncontrolled chain reaction.

