

General Science Mega Quiz for SSC Tier-1

Q1. The reagent used to test the presence of starch in leaves is?

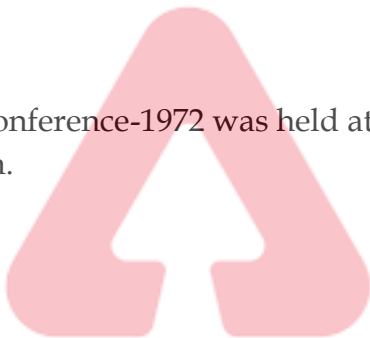
- (a) Fehling's solution.
- (b) Iodine solution.
- (c) Million's reagent.
- (d) Benedict's solution.

Q2. Pulses are a good source of?

- (a) Carbohydrates.
- (b) Vitamins.
- (c) Proteins.
- (d) Fats.

Q3. Human conference-1972 was held at?

- (a) Stockholm.
- (b) Paris.
- (c) Geneva.
- (d) Australia.



Q4. The deficiency of Niacin-a-vitamin of B complex group causes the disease?

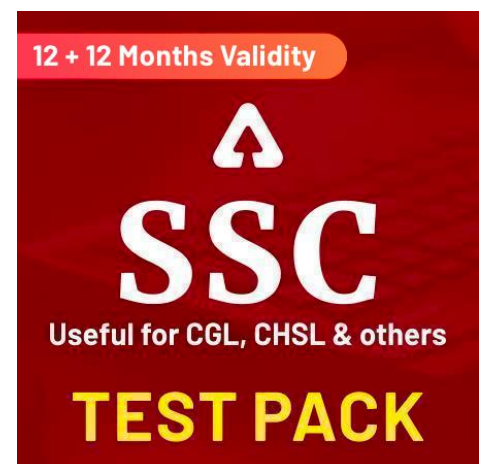
- (a) Marasmus.
- (b) Pellagra.
- (c) Rickets.
- (d) Night blindness.

Q5. Which among the following is the habitat of "Dog fish"?

- (a) River.
- (b) Sea.
- (c) Lake.
- (d) Marsh m

Q6. Diabetes mellitus occur due to the lack of synthesis of hormone?

- (a) Insulin.
- (b) Glucogen.
- (c) Thyroxin.
- (d) Androgen.



Q7. Which are not included in the milk-teeth in a child of 3-4 years?

- (a) Incisors.
- (b) Canines.
- (c) Molars.
- (d) Premolars.

Q8. Which among the following is root parasite?

- (a) Ficus.
- (b) Santalum.
- (c) Cascuta.
- (d) Euphorbia.

Q9. Who discovered penicillin?

- (a) Edward Jenner.
- (b) Niels Bohr.
- (c) Sir Alexander Fleming.
- (d) Heinrich Hertz.

Q10. The founder of Homeopathy is?

- (a) Samuel Hahnemann.
- (b) Hippocrates.
- (c) Charaka.
- (d) Sushruta.



Q11. Electrons in the highest energy level of an atom are called?

- (a) Valence protons.
- (b) orbital protons.
- (c) Valence electrons.
- (d) orbital electrons.

Q12. Atomic number of which of the following elements is greater than that of iron?

- (a) Manganese.
- (b) Cobalt.
- (c) Calcium.
- (d) Chromium.

Q13. Atoms of same element having different mass numbers are called?

- (a) Isobars.
- (b) Isotopes.
- (c) Isotones.
- (d) Isomers.

Q14. _ is a by-product of sewage treatment and can be decomposed to produce bio-gas?

- (a) sewage.
- (b) sludge.
- (c) sewer.
- (d) scum.

Q15. ____ is used for making vinegar?

- (a) Tartaric acid.
- (b) Malic acid.
- (c) Oxalic acid.
- (d) Acetic acid.

Q16. Soda water was invented by?

- (a) Tivadar Puskas.
- (b) Joseph Priestley.
- (c) Petrache Poenaru.
- (d) James Leonard Plimpton.

Q17. Which of the following is not a chemical change?

- (a) Burning of paper.
- (b) Digestion of food.
- (c) conversion of water into steam.
- (d) Burning of coal.

Q18. Tartaric acid is not found in?

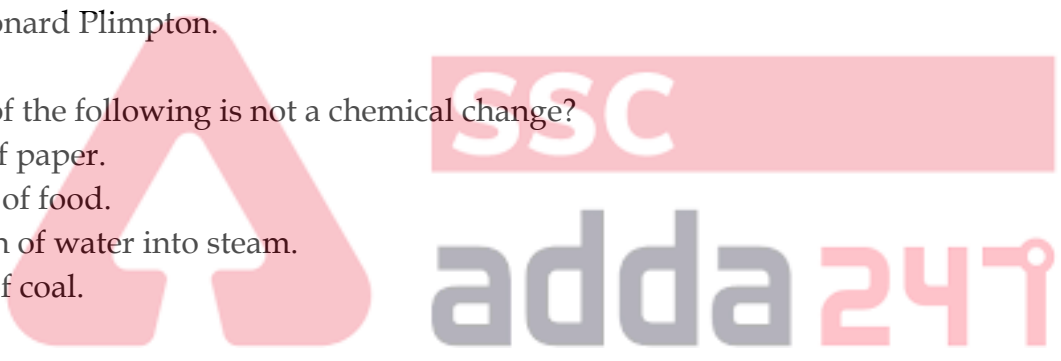
- (a) Tamarind.
- (b) Grapes.
- (c) Unripened mangoes.
- (d) Spinach.

Q19. In an acid base reaction which product is produced along with a Salt?

- (a) Hydrogen gas.
- (b) Oxygen gas.
- (c) Carbon dioxide.
- (d) Water.

Q20. The material used in electric heater is?

- (a) Tungsten.
- (b) Nichrome.
- (c) Brass.
- (d) Steel.



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Q21. The SI unit of electric charge is -

- (a) Ampere
- (b) Coulomb
- (c) Esu
- (d) Kelvin

Q22. When a running car stops suddenly, the passengers tends to lean forward because of -

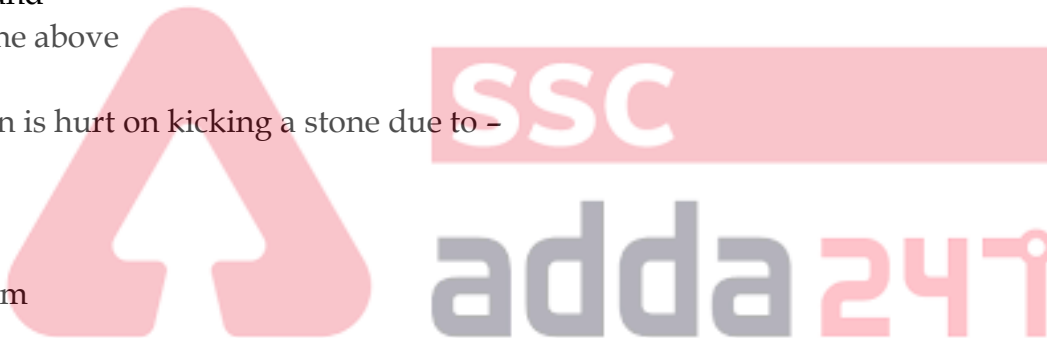
- (a) Centrifugal force
- (b) Inertia of rest
- (c) Inertia of motion
- (d) Gravitation force

Q23. If a boy is sitting in a train, which is moving at a constant velocity throws a ball straight up into the air, the ball will -

- (a) fall in front of him
- (b) fall behind him
- (c) fall into hand
- (d) None of the above

Q24. A person is hurt on kicking a stone due to -

- (a) Inertia
- (b) Velocity
- (c) Reaction
- (d) Momentum



Q25. For a body moving with non-uniform acceleration -

- (a) Displacement-time graph is linear
- (b) Displacement-time graph is non-linear
- (c) Velocity-time graph is non-linear
- (d) Velocity-time graph is linear

Q26. A parachute descends slowly whereas a stone dropped from the same height falls rapidly, because -

- (a) Stone is heavier than parachute
- (b) Special mechanisms are present in parachute
- (c) A parachute has a larger surface area and air resistance is more
- (d) None of the above

Q27. Shaving mirror is -

- (a) Convex
- (b) Concave
- (c) Plane
- (d) Parabolic

Q28. The spoon dropped by an astronaut in a satellite will –

- (a) Fall to the floor
- (b) Remain stationary
- (c) Continue to follow the motion of the satellite
- (d) Move tangentially away

Q29. The sensation of weightlessness in a spacecraft in an orbit is due to the –

- (a) Absence of gravity outside
- (b) Acceleration in the orbit which is equal to the acceleration due to gravity outside
- (c) Presence of gravity outside but not inside the spacecraft
- (d) Fact that spacecraft in the orbit has no energy

Q30. It is easier to carry two buckets of water in one hand each, than to carry only one in one hand because –

- (a) weight of buckets are balanced
- (b) centre of gravity falls within the body
- (c) centre of gravity and centre of equilibrium fall within the feet
- (d) resultant weight of buckets is zero

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