

General Science Mega Quiz for SSC Tier-1 (Solutions)

S1. Ans.(b)

Sol. Tectona grandis Linn is the scientific name of Teak.

S2. Ans.(b)

Sol.

- In human body , fats are stored in the adipose tissue.
- Adipose tissue are connective tissue they store the energy and are present beneath the organs and acts as insulator.

S3. Ans.(a)

Sol. Wings of a bird's and insects have the coating of Waxes , which helps in resistance of water and easy flight of bird's and insects.

S4. Ans.(a)

Sol.

- Corn is a rich source of Starch.
- Starch is a polysaccharide unit of carbohydrates , where glucose molecules joined together with the glycosidic bond.

S5. Ans.(b)

Sol.

- Gametes are the reproductive cells present in an organisms.
- Female gametes are called as Ova.
- Ova are the haploid cells formed by the process of oogenesis.

S6. Ans.(c)

Sol.

- Vitamin D causes the deficiency disease named as rickets and osteomalacia.
- Rickets leads to the bone deformation i.e. bent in the limbs of children's.

S7. Ans.(c)

Sol.

- The longest bone in human body is femur and is the only bone of thigh region.
- Femur forms the ball and socket hip joint with the hip bone and forms the knee joint.



BILINGUAL

SSC

COMPLETE FOUNDATION

2020-21 Batch 2.0

Starts Dec 28, 2020

11 AM to 05 PM

S8. Ans.(b)

Sol.

- Excretion is the process in living organisms which eliminate the waste matter.
- Kidney is an excretory organ of the mammals which remove excess and unnecessary material from the body fluids.

S9. Ans.(a)

Sol.

- Tendons are the types of fibrous connective tissues.
- Tendons connects the muscle to bones.
- Tendons are made up of collagen.

S10. Ans.(b)

Sol.

- Wings of a bird's and an insects are analogous organs .
- Analogous organs are those organs whose structural and embryological deprivation is different but the function they perform is same.

S11. Ans.(b)

Sol. Periodic table was proposed by Mendeleev.

S12. Ans.(c)

Sol. Oxygen is the most abundant element on the earth crust with 46.6%.

S14. Ans.(b)

Sol.

- Sewage treatment involves three stages.
- Sludge is a semi-solid residue produced in first step during treatment of sewage and waste water.

S15. Ans.(d)

Sol.

- Malachite is an ore of copper.
- Malachite is a green copper carbonate hydroxide mineral.

S16. Ans.(b)

Sol. The ore of aluminium is Bauxite.

S17. Ans.(c)

Sol.

- Hydrogen was discovered by Henry Cavendish In 1766.
- Hydrogen is the lightest gas.
- It is known as fuel of future.

S18. Ans.(a)

Sol. Quartz is the crystalline form of silicon dioxide.

S19. Ans.(b)

Sol.

- Graphite is used in the making of pencils.
- It is an allotrope of carbon.

S20. Ans.(b)

Sol. Benzene was first discovered by Michael Faraday.

S21. Ans.(c)

Sol.

- Centripetal force acts on a body which moves on a circular path.
- It acts towards the centre of a circular path.

S22. Ans.(d)

Sol. Washing machine work's on the principle of centrifugation..

S23. Ans.(d)

Sol. Relative density has no unit as it is the ratio of density of substance and density of water.

S24. Ans.(b)

Sol. The s.i. unit of Torque is Newton meter.

S25. Ans.(d)

Sol. Dopplers effect can be described as change in frequency or wavelength of a wave for an observer which is moving with respect to its source.

S26. Ans.(a)

Sol. Hydroscope- it is used for seeing below the surface of water.

S27. Ans.(c)

Sol.

- Candela is the S.I unit of Luminous intensity.
- Hertz , decibel , and Mach all are associated with sound wave.

S28. Ans.(a)

Sol. 24.

The separation of visible light into its different colors is known as dispersion.

S29. Ans.(b)

Sol. When a player catches a ball, he lowers his hand to lower the rate of change of momentum.

S30. Ans.(c)

Sol. Rate of change of momentum is equal to the Force.

