

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

S1. Ans.(c)

Sol.

- Sphalerite is the major ore of a zinc.
- It is also known as blende of zinc blende.

S2. Ans.(c)

Sol. On moving in period from left to right, no. Of shells remains same while no. Of electrons, protons, and Neutrons changes.

S3. Ans.(c)

Sol.

- Carcinogenic are the agents or substances which causes cancer.
- Benzene and most of the polynuclear aromatic hydrocarbons are carcinogenic.

S4. Ans.(a)

Sol.

- Phenol is also known as carbolic acid.
- It's molecular formula is C_6H_5OH .
- It is used as anti- microbial agent.

S5. Ans.(a)

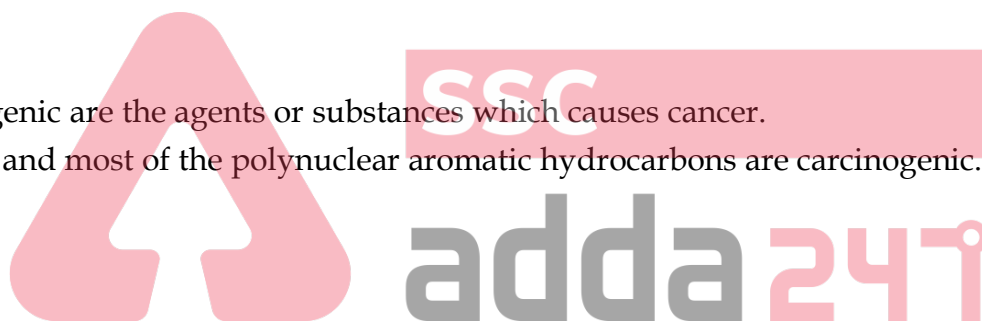
Sol.

- Glycol is also called ethylene glycol.
- It is a dihydric alcohol.
- It is added to aviation gasoline because it prevents freezing of petrol.
- It can be used as an antifreeze compound in car radiators.

S6. Ans.(d)

Sol.

- Dettol contains the antiseptic compound Enloroxylenol.
- Dettol is a mixture of chloroxylenol and terpineol dissolved in a suitable solvent.



S7. Ans.(c)

Sol.

- Dissolved oxygen in Rivers is 3-5 ppm.
- Dissolved oxygen is used to check the pollution level.
- Greater the dissolved oxygen less will be the pollution.

S8. Ans.(d)

Sol. Food preservatives prevent spoilage of food due to microbial growth.

Example: Sodium benzoate.

S9. Ans.(c)

Sol. Sludge is a solid waste and can be produced from wastewater treatment and during synthesis of Biogas.

S10. Ans.(d)

Sol.

- On prolonged heating of Toluene with concentrated Nitric acid and sulphuric acid, TNT is formed.
- It is used as an explosive.

S11. Ans.(c)

Sol. Geostationary satellite is placed in the orbit which is directly above the equator and it takes approximately 24 hour's to complete one revolution.

S12. Ans.(c)

Sol. Our Milky way is a large barred spiral galaxy.

S13. Ans.(b)

Sol. In A.C. circuits A.C. meter is used to measure Root mean square value.

S14. Ans.(b)

Sol. Magnetism is caused due to the circular motion of charged particles.

S15. Ans.(a)

Sol. The force which acts on an object without coming physically in contact with it is called non contact force.

For example, the force exerted by a magnet.

S16. Ans.(b)

Sol. Hygrometer is used to measure the humidity.

S17. Ans.(c)

Sol. Gordon Gould was the first one to publish his paper on LASER in 1959.

S18. Ans.(b)

Sol. parsec is a unit of length which is used in astronomy to measure the distance between astronomical objects.

S19. Ans.(a)

Sol. Selenology is the branch of astronomy which deals with the scientific study of the moon.

S20. Ans.(c)

Sol.

- Flight recorder is also known as black box.
- It is used in aircrafts to record specific parameters which is used to investigate the causes of accident of aircrafts.

S21. Ans.(a)

Sol.

- Methyl alcohol or methanol is known as wood spirit.
- It is also known as wood alcohol because it was formerly obtained by the destructive distillation of wood.

S22. Ans.(b)

Sol.

- Milbemycin is used as broad spectrum antiparasite.
- It is used in the eradication of agricultural pests.

S23. Ans.(c)

Sol. The substance which is used to kill rat is called Rodenticide.

S24. Ans.(d)

Sol. Natural polymers occur in the nature mostly in plants and animals.
Examples: Starch, cellulose, proteins, natural rubber, nucleic acids etc.

S25. Ans.(c)

Sol. Salt is obtained by evaporation of seawater as seawater contains sodium chloride, magnesium chloride, etc.

S26. Ans.(a)

Sol. Bleaching liquors are inorganic pollutants produced mainly by paper and pulp industry.

S27. Ans.(a)

Sol.

- Formation of compost by using earth worms is called as vermicompost.
- It is a organic manure or organic fertilizer.

S28. Ans.(a)

Sol. Magnesium is a constituent metal of chlorophyll molecule.

S29. Ans.(a)

Sol.

- Tajmahal is affected by acid rain which mainly contains H_2SO_4 and HNO_3 .
- SO_2 and NO_2 react with rain water to form H_2SO_4 and HNO_3 respectively.

S30. Ans.(a)

Sol.

- All electrons are paired in noble gases and so on.
- Unpaired electrons in noble gases is zero.

ENGLISH



SSC CGL

TIER-I / PRE E-KIT

Ace - Advanced | Arithmetic | English
Reasoning | General Awareness

Validity : 6 Months

