

Science for SSC CGL Tier 1 7th March (Solutins)

S1. Ans.(d)

Sol.

- Dietary fibres is an important constituent required by body.
- Dietary fibre is a type of carbohydrate present in cereals , fruits , vegetables , dried peas ,nuts.

S2. Ans.(c)

Sol.

- The normal fasting blood sugar level per 100 msquare of blood in man is 80-100 mg .
- Concentration of glucose in blood is maintained by insulin and homeostasis.

S3. Ans.(c)

Sol.

- Respiration is a biochemical process which involves the mechanism of cellular respiration.
- i.e.oxidation of food , Respiration requires the oxygen for all metabolic activities.

S4. Ans.(b)

Sol.

- Deficiency of vitamin B3 or niacin cause the disease Pellagra.
- Pellagra disease inflamed the skin causes dementia.
- The main source of vitamin B3 are meat, fish , egg , vegetable , and nuts.

S5. Ans.(b)

Sol.

- Monocytes is the largest WBC present in the blood.
- Monocytes helps in providing innate immune system and adaptive immunity by acting as marcophages.

S6. Ans.(c)

Sol.

- Azithromycin is an antibiotic drug used to treat bacterial infection including pneumonia , diarrhoea , typhoid.

S7. Ans.(b)

Sol. Gamma rays are the high frequency electromagnetic radiation.

- They release very high energy and high ionisation energy and thus are biological hazardous.

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.



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S9. Ans.(b)

Sol.

- IAN DONALD discovered diagnostic ultrasound.
- Ultrasound helps to view the internal body structure such as joints , vessels , and internal organs.

S10. Ans.(a)

Sol.

- Homeopathy term was coined by Samuel Hahnemann in 1796.
- Homeopathy is an alternate source of curing the disease without using allopathy.

S11. Ans.(c)

S12. Ans.(a)

S13. Ans.(b)

S14. Ans.(a)

S15. Ans.(a)

S16. Ans.(c)

S17. Ans.(c)

S18. Ans.(b)

S19. Ans.(b)

S20. Ans.(a)

S21. Ans.(c)

Sol.

- Endothermic reaction involve absorption of heat.
- Sweating occurs to maintain the body temperature.

S22. Ans.(b)

Sol.

- A solution is a homogeneous mixture of two or more substances whose composition can be varied within the certain limits.



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S23. Ans.(d)

Sol.

- Firewood is not a commercial source of energy.

S24. Ans.(c)

Sol.

- At 0 degree Celsius there will be no change in the Bowl of ice and water.

S25. Ans.(a)

Sol.

- Blood is purified by the process known as “Dialysis”.

S26. Ans.(a)

Sol.

- An emulsion is a colloidal solution of liquid in liquid.
- Eg ----- Milk , butter , cold cream , vanishing cream , etc.

S27. Ans.(c)

Sol.

- Limestone is a raw material used by cement industry.
- Other constituents of cement are alay and gypsum.

S28. Ans.(b)

Sol.

- Iodine can be separated from a mixture of iodine and potassium chloride by the process of sublimation.

S29. Ans.(c)

Sol.

- Oxygen, nitrogen, and hydrogen are colourless gases.while, chlorine is a greenish yellow coloured gas.

S30. Ans.(c)

Sol.

- There are mainly three states of matter solid , liquid , and gas , but fourth state is known as plasma.



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