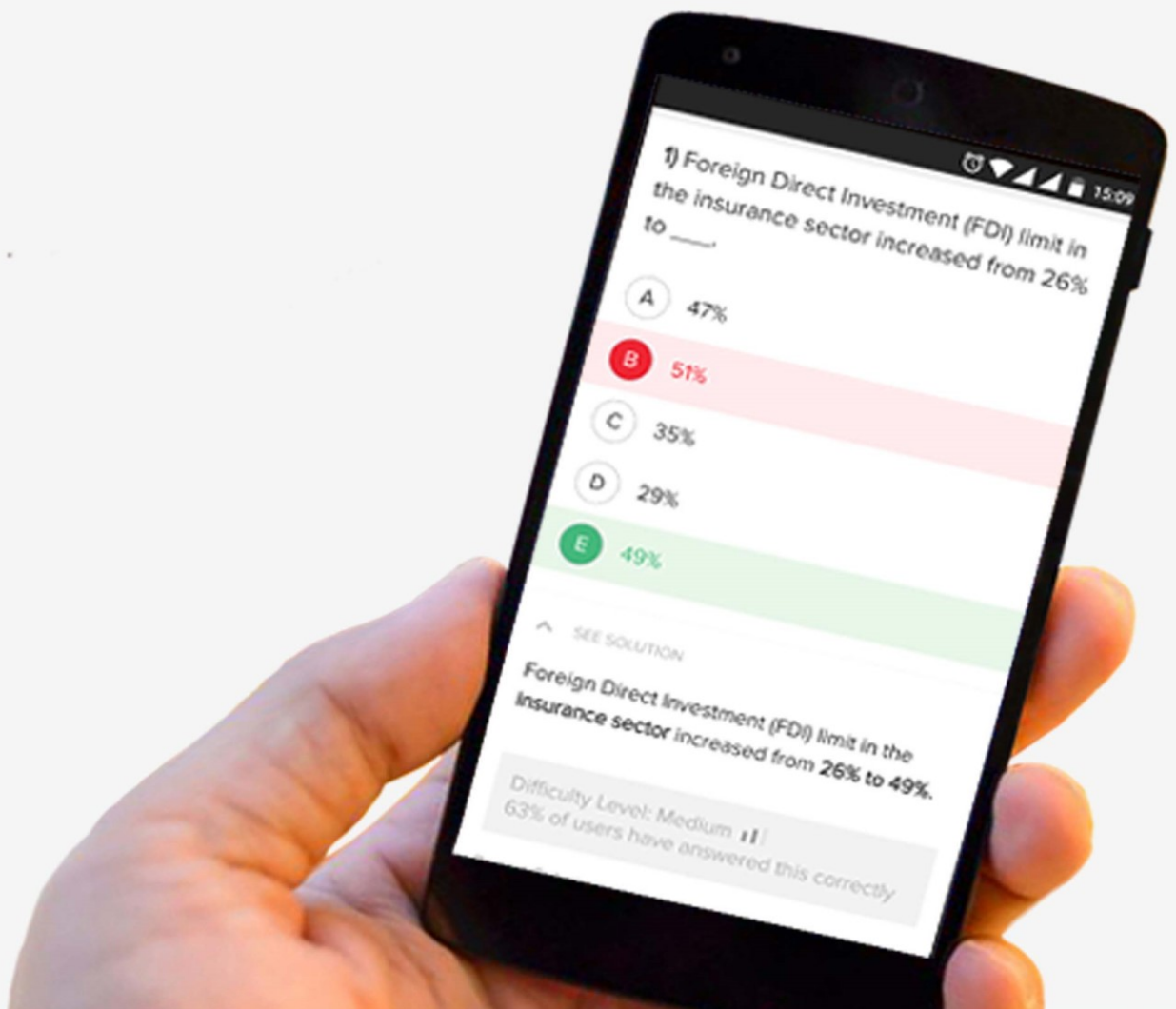




# Frequently Asked Questions from Biology for SSC CGL Exam



1. DOTS is a treatment given to patients suffering from \_\_\_\_\_  
 A. Polio B. AIDS  
 C. Hepatitis D. Tuberculosis

Ans. D.

2. Polyploidy arises due to change in the  
 A. number of chromatids  
 B. structure of genes  
 C. number of chromosomes  
 D. structure- of chromosomes

Ans. A.

3. The suicidal bags of the cell are  
 A. Lysosomes B. Ribosomes  
 C. Dictyosomes D. Phagosomes

Ans. A.

4. Who among the following is credited with starting the work on plant tissue culture?  
 A. F.C. Steward B. P. Maheshwari  
 C. P.R. White D. Haberlandt

Ans. D.

5. Which of the following uses the spawn mechanism to duplicate itself?  
 A. Trojan horse B. Worm  
 C. Keystroke logger D. Logic bomb

Ans. B.

6. What is the main purpose of white blood corpuscles?  
 A. to carry nutrients  
 B. to combat infection  
 C. to carry oxygen  
 D. to give strength

Ans. B.

7. The layer where the decrease in temperature with increasing altitude is totally absent is  
 A. Troposphere B. Ionosphere  
 C. Stratosphere D. Mesosphere

Ans. C.

8. Siderosis is a disease caused by the inhalation of  
 A. silica dust B. iron dust  
 C. zinc dust D. coal dust

Ans. B.

9. The largest artery in human body is  
 A. Aorta B. Capillary  
 C. Vena cava D. Pulmonary vein

Ans. A.

10. Nitrification is the biological process of converting  
 A.  $N_2$  into nitrate  
 B.  $N_2$  into nitrite  
 C. Ammonia into nitrite  
 D. Ammonia into  $N_2$

Ans. C.

11. Blood is red in colour due to the presence of \_\_\_\_\_.

A. Cytochrome B. Chlorophyll  
 C. Hemocyanin D. Haemoglobin

Ans. D.

12. Which one of the following events in a botanical garden is never directly influenced by light?

A. Flowering B. Photosynthesis  
 C. Transpiration D. Fertilization

Ans. D.

13. Which of the following is usually not an airpollutant?

A. Hydrocarbons B. Sulphur dioxide  
 C. Carbon dioxide D. Nitrous oxide

Ans. D.

14. Which of the following is the treatment of water pollution?

A. Bag house filter  
 B. Windrow composting  
 C. Venturi scrubber  
 D. Reverse Osmosis

Ans. D.

15. Which cells in pancreas produce Insulin ?

A. Thymus  
 B. Estrogen  
 C. Corpus epididymis  
 D. Islets of Langerhans

Ans. D.

16. The waste management technique that involves the use of micro-organisms to remove or neutralize pollutants from contaminated site is called

A. Bio sensor B. Bio magnification  
 C. Bio remediation D. Bio concentration

Ans. C.

17. The source of energy that causes the least global warming is

A. coal  
 B. Geothermal energy  
 C. Natural Gas  
 D. Petroleum

Ans. B.

18. The oxygen liberated during photosynthesis comes from

A. Water B. Carbon dioxide  
 C. Glucose D. Chlorophyll

Ans. A.

19. The term 'Higgs Boson' is associated with

A. Nano Technology  
 B. Oncology  
 C. God Particle  
 D. Stem Cell Research

Ans. C.

20. The hormone that stimulates heart beat is  
A. Thyroxine                      B. Gastrin  
C. Glycogen                      D. Dopamine  
Ans. A.
21. The presence of air bubble in blood stream is dangerous to life because  
A. Air combines with blood forming a complex  
B. The flow of blood increases manifold  
C. The flow of blood is obstructed  
D. The pressure of blood increases manifold  
Ans. C.
22. The study of relation of animals and plants to their surroundings is called  
A. Ecology                      B. Ethology  
C. Genealogy                      D. Iconology  
Ans. A.
23. Which of the following plays an important role in photosynthesis?  
A. Chloroplast                      B. Centrosome  
C. Tonoplast                      D. Nematoblast  
Ans. A.
24. The xylem in plants are responsible for:  
A. transport of water  
B. transport of food  
C. transport of amino acids  
D. transport of oxygen  
Ans. A.
25. Project 'Sankalp' started for the purpose  
A. To eradicate illiteracy  
B. To eradicate Polio  
C. To eliminate AIDS/HIV  
D. To eliminate unemployment  
Ans. C.
26. Which of the following bacterium causes crown gall disease in plants?  
A. Bacillus thurigiensis  
B. Agrobacterium tumefaciens  
C. Pseudomonas fluorescens  
D. None of these  
Ans. B.
27. Eustachian Tube is located in which part of human body?  
A. Nose                      B. Ear  
C. Eyes                      D. Throat  
Ans. B.
28. Which part of the brain plays an important role in motor control?  
A. Cerebellum                      B. Cerebrum  
C. Medulla                      D. Pons  
Ans. A.
29. Meibomian glands are located in  
A. Eye                      B. Ear  
C. Nose                      D. Skin  
Ans. A.

30. Which of the following vitamins are water soluble?  
A. Vit. A & Vit. B                      B. Vit. B & Vit. C  
C. Vit. C & Vit. D                      D. Vit. A & Vit. K  
Ans. B.
31. Sphygmomanometer measures the blood pressure in the  
A. Veins                      B. Arteries  
C. Eyes                      D. Synovial  
Ans. B.
32. The reverse effect of X-ray emission is  
A. Raman effect  
B. Compton effect  
C. Zeeman effect  
D. Photo-electric effect  
Ans. D.
33. The connective tissue that connects a muscle to a bone is  
A. Cartilage                      B. Ligament  
C. Tendon                      D. Interstitial fluid  
Ans. C.
34. Goitre is caused by the deficiency of \_\_\_\_  
A. Zinc                      B. Calcium  
C. Iodine                      D. Chlorine  
Ans. C.
35. Which organ gets affected in Weil's disease?  
A. Liver                      B. Lung  
C. Heart                      D. Kidney  
Ans. D.
36. What does the term 'Ebola' stand for?  
A. A viral disease outbreak in West Africa  
B. A viral disease outbreak in Bangladesh  
C. A city in Syria destroyed by ISIS.  
D. None of the these  
Ans. A.
37. The virus of AIDS affects the growth of  
A. Haemoglobin  
B. RBCs in blood  
C. T cells in blood  
D. Grey cells in brain  
Ans. C.
38. Bacterial decomposition of biological material under anaerobic condition is  
A. fermentation                      B. fertilization  
C. contamination                      D. composting  
Ans. A.
39. The elements known as primary nutrients for plants  
A. Nitrogen, Phosphorus and Potassium  
B. Nitrogen, Oxygen and Silicon  
C. Potassium, Boron and Nitrogen  
D. Nitrogen, Phosphorus and Iron  
Ans. A.

40. A genetically engineered form of brinjal known as the BT-brinjal has been developed. The objective of this is  
 A. to make it pest resistant  
 B. to improve its taste and nutritive value  
 C. to make it drought resistant  
 D. to make its shelf-life longer

Ans. A.

41. Blood group was discovered by  
 A. Alexander Fleming  
 B. William Harvey  
 C. Landsteiner  
 D. Paulov

Ans. C.

42. Decoding and interpretation of visual information in brain is associated with  
 A. Frontal lobe      B. Occipital lobe  
 C. Temporal lobe      D. Parietal lobe

Ans. C.

43. \_\_\_\_\_ is a byproduct of sewage treatment and can be decomposed to produce bio-gas  
 A. Sewage      B. Sludge  
 C. Sewer      D. Scum

Ans. B.

44. The food in Onion is stored in the form of \_\_\_\_\_  
 A. Cellulose      B. Protein  
 C. Starch      D. Sugar

Ans. A.

45. Motor cortex are associated with which part of the brain?  
 A. Frontal lobe      B. Parietal Lobe  
 C. Temporal lobe      D. Occipital Lobe

Ans. A.

46. Which enzyme is present in all members of the animal kingdom except Protozoa?  
 A. Insulin      B. Pepsin  
 C. Renin      D. Amylase

Ans. D.

47. The most serious air pollutant causing health hazard is  
 A. Sulphur dioxide      B. Carbon monoxide  
 C. Ozone      D. Nitrogen oxide

Ans. A.

48. Companion cells are unique to  
 A. Bryophytes      B. Pteridophytes  
 C. Angiosperms      D. Gymnosperms

Ans. C.

49. Lacrimal glands are situated in the  
 A. Palms      B. Buccal cavity  
 C. Eye orbit      D. Stomach

Ans. C.

50. Depletion of ozone layer causes  
 A. Breast cancer      B. Skin cancer  
 C. Lung cancer      D. Blood cancer

Ans. B.

51. Majority of the fungal bionts of lichens belong to  
 A. Baridiomycetes      B. Ascomycetes  
 C. Gomycetes      D. Deuteromycetes

Ans. B.

52. Which of the following has open vascular system?  
 A. Cockroach      B. Human  
 C. Rat      D. Birds

Ans. A.

53. The human faeces is yellow in colour due to the presence of a pigment called  
 A. Pepsin      B. Renin  
 C. Amylase      D. Urobilin

Ans. D.

54. What is contained in Chlorophyll?  
 A. sodium      B. potassium  
 C. manganese      D. magnesium

Ans. D.

55. Epigraphy is the study of which of the following?  
 A. Coins      B. Inscriptions  
 C. Temples      D. Birds

Ans. B.

56. Why is Carbon Monoxide a pollutant?  
 A. Reacts with haemoglobin  
 B. Makes nervous system inactive  
 C. It reacts with Oxygen  
 D. It inhibits glycolysis

Ans. A.

57. Silk worms feed on  
 A. Basil leaves      B. Curry leaves  
 C. Rose leaves      D. Mulberry leaves

Ans. D.

58. The sexual reproductive organs of aspergillus are:  
 A. Spermatium and Oogonium  
 B. Antheridium and Oogonium  
 C. Spermatium and Ascogonium  
 D. Antheridium and Ascogonium

Ans. D.

59. Ornithophily is effected by  
 A. snails      B. bats  
 C. insects      D. birds

Ans. D.

60. Science dealing with study of soil is called  
 A. Pedology      B. Pedagogy  
 C. Ecology      D. Pomology

Ans. A.

61. If waste materials contaminate the source of drinking water, which of the following diseases will spread?  
 A. Scurvy      B. Typhoid  
 C. Malaria      D. Anaemia

Ans. B.

62. Pneumonia is a bacterial disease caused by the type of bacteria called \_\_\_\_\_  
A. Bacilli                      B. Cocci  
C. Sprilli                      D. Vibrio

Ans. B.

63. Which mosquito is the carrier of Zika virus?  
A. Culex                      B. Aedes  
C. Anopheles                      D. Culiseta

Ans. B.

64. Root cap is derived from  
A. Dermatogen  
B. Calyptragen  
C. Protoderm  
D. Histogen

Ans. B.

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