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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 thuringiensis
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 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. Calyptrogen
C. Protoderm
D. Histogen

Ans. B.



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