

1. The unit of energy produced by food in the human body is called

- (a) Watt
- (b) DNA
- (c) Calorie (Correct)
- (d) Ampere

2. Proteins are made of

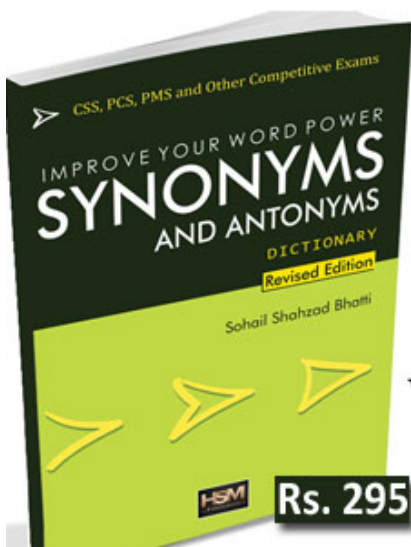
- (a) Sugar
- (b) Fatty acid
- (c) Nucleic acid
- (d) Amino acid (Correct)

3. Amount of water in mammalian blood is

- (a) 99%
- (b) 98%
- (c) 90% (Correct)
- (d) 92%

4. Which of the following Vitamin helps in clotting of blood?

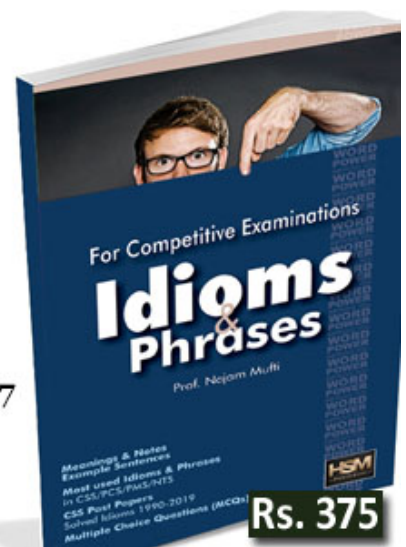
- (a) Vitamin B
- (b) Vitamin A
- (c) Vitamin D
- (d) Vitamin K (Correct)



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5. Which of the following vitamins are fat soluble?

- (a) Vitamins A,B, C, D
- (b) Vitamins A, D, E, K (Correct)
- (c) Vitamins A, B, C, D
- (d) None of these

6. Which of the following is not a source of Vitamin C?

- (a) Potato
- (b) Tomato
- (c) Guava
- (d) Milk (Correct)

7. Ozone is present in which of the following layers of atmosphere

- (a) Troposphere and Thermosphere
- (b) Troposphere and Stratosphere (Correct)
- (c) Mesosphere
- (d) Thermosphere

8. The study of relationship between organism and their environment is called

- (a) Ecology (Correct)
- (b) Oncology
- (c) Lithology
- (d) None of these

9. Most of the ozone in the atmosphere is concentrated in the

- (a) Mesosphere
- (b) Troposphere
- (c) Stratosphere (Correct)
- (d) Ionosphere

10. The most abundant element in Earth's crust is

- (a) Silicon
- (b) Oxygen (Correct)
- (c) Aluminum
- (d) None of these

11. Which of the following vitamins is Water soluble?

- (a) Vitamins B, E

- (b) Vitamins A, B
- (c) Vitamins C, D
- (d) Vitamins B, C (Correct)

12. In railway tracks, a small gap is left between the rails

- (a) To allow for the expansion during heat (Correct)
- (b) To save the cost of metal
- (c) To permit the shrinkage of metal

13. Friction can be reduced by changing over from

- (a) Sliding to rolling (Correct)
- (b) Rolling to sliding
- (c) Potential energy to kinetic energy

14. A solid ball of metal has a spherical cavity inside it. If the ball is heated, the volume of the cavity will

- (a) Increase
- (b) Decrease (Correct)
- (c) Remain unaffected

15. As we climb up the mountain, the atmospheric pressure will

- (a) Decrease (Correct)
- (b) Increase
- (c) Remain the same
- (d) None of these

16. Which of the following vitamin is produced in the body with the help of sunlight?

- (a) Vitamin D (Correct)
- (b) Vitamin E
- (c) Vitamin K
- (d) None of these

17. Vitamin 'D' prevents

- (a) Tooth diseases
- (b) Bone diseases (Correct)
- (c) Eye diseases
- (d) Skin diseases

18. Heart attack is caused due to

- (a) Blood sugar

- (b) Cholesterol (Correct)
- (c) Blood protein
- (d) Blood urea

19. Which of the following diseases has posed a serious threat the world over?

- (a) Tumour
- (b) Paralytic stroke
- (c) AIDS (Correct)
- (d) Tuberculosis

20. Which of the following disease is not water-borne?

- (a) Cholera
- (b) Influenza (Correct)
- (c) Amoebiasis
- (d) Typhoid

21. Typhoid and cholera are typical examples of

- (a) Infection diseases
- (b) Air-borne diseases
- (c) Water-borne diseases (Correct)
- (d) None of these

22. Who invented the hydrogen bomb?

- (a) J. Robert Oppenheimer
- (b) Albert Einstein
- (c) Samuel Cohen (Correct)
- (d) Edward Teller

23. Logarithm tables were invented by

- (a) John Napier (Correct)
- (b) John Doe
- (c) John Harrison
- (d) John Douglas

24. Who invented optical fibre?

- (a) Samuel Cohen
- (b) Narinder Kapany (Correct)
- (c) Percy L. Spencer
- (d) T. H. Maimah

25. Brass is an alloy of

- (a) Copper and Tin
- (b) Copper and Zinc (Correct)
- (c) Copper and Nickel
- (d) None of these

26. A transformer is used to

- (a) Increase DC voltage
- (b) Increase or decrease AC voltage (Correct)
- (c) Decrease DC voltage
- (d) None of these

27. Which of the following gases is used for purification of water?

- (a) Oxygen
- (b) Ammonia
- (c) Chlorine (Correct)
- (d) Neon

28. Pure gold is

- (a) 17 carats
- (b) 20 carats
- (c) 24 carats (Correct)
- (d) 36 carats

29. Which of the following is a gas?

- (a) Thorium
- (b) Plutonium
- (c) Mercury
- (d) Chlorine (Correct)

30. Which one of the following mixture of gases is required in gas welding?

- (a) Oxygen and ethylene
- (b) Oxygen and hydrogen
- (c) Acetylene and oxygen (Correct)
- (d) All of above

31. One horse power is equal to

- (a) 736 watts
- (b) 746 watts (Correct)
- (c) 748 watts
- (d) 796 watts

32. Heat from the sun is received by the earth through

- (a) Conduction
- (b) Convection
- (c) Radiation (Correct)

33. As the temperature of ice rises, the ice melts and its density

- (a) Decreases
- (b) Constant
- (c) Increases (Correct)
- (d) All of above

34. A branch of science dealing with the study of fossils is called

- (a) Parasitology (b) Palaeontology (Correct)
- (c) Theology
- (d) Radiology

35. The theory of inheritance of acquired characters was propounded by

- (a) Charles Darwin
- (b) Gregor Mendal (Correct)
- (c) J.B. Lamarck
- (d) Weismann

36. Which of the following was discovered by Ronald Ross?

- (a) Cholera germs
- (b) Malaria parasite (Correct)
- (c) Jaundice germs
- (d) None of these

37. Radioactivity was discovered by

- (a) Henry Becquerel (Correct)(b) Marie Curie
- (c) Newton
- (d) Einstein

38. The science of heavenly bodies is called

- (a) Astrophysics
- (b) Astronomy (Correct)
- (c) Astroneuties
- (d) Cosmology

39. Which of the following has no blood, but respire?

- (a) Cockroach

- (b) Earthworm
- (c) Fish
- (d) Hydra (Correct)

40. Which of the following is the basic characteristic of a living organism?

- (a) Ability to move
- (b) Ability to reproduce (Correct)
- (c) Ability to eat
- (d) Ability to breath

41. In which organ of the human body are the lymphocyte cells formed?

- (a) Liver
- (b) Long bone
- (c) Pancreas
- (d) Spleen (Correct)

42. What is stored in the gall bladder?

- (a) Enzymes
- (b) Bile (Correct)
- (c) Urea
- (d) Insulin

43. The study of structures and formation of rocks and minerals on other planets is called

- (a) Cosmology
- (b) Virology
- (c) Astrogeology (Correct)
- (d) Histology

44. Which vitamin cannot store in human body?

- (a) Vitamin A
- (b) Vitamin C (Correct)
- (c) Vitamin D
- (d) Vitamin E

45. Deficiency of vitamin C causes

- (a) Night-blindness
- (b) Beri-Beri
- (c) Scurvy (Correct)
- (d) None of these

46. Which Vitamin is known as Ascorbic Acid?

- (a) Vitamin A
- (b) Vitamin B
- (c) Vitamin K
- (d) Vitamin C (Correct)

47. Deficiency of Vitamin C causes

- (a) Tooth diseases (Correct)
- (b) Bone diseases
- (c) Eye diseases
- (d) Skin diseases

48. All forms of energy that we use are ultimately transformed into

- (a) Electrical energy
- (b) Heat energy (Correct)
- (c) Light energy
- (d) Chemical energy

49. Water helps in the metabolism process in the presence of

- (a) Amino acids
- (b) Ribonucleic Acid
- (c) Proteins
- (d) Enzymes (Correct)

50. The proteins are made in the cells under the instructions of

- (a) Genes (Correct)
- (b) DNA
- (c) RNA
- (d) Ribosome

51. Which is an essential constituent of diet?

- (a) Starch (Correct)
- (b) Glucose
- (c) Amino acid
- (d) None of these

52. Deficiency of iron in human diet causes:

- (a) Goitre
- (b) Scurvy
- (c) Anaemia (Correct)
- (d) Rickets

53. Which of the following acids secreted internally, helps in digestion?

- (a) Formalin
- (b) Citric
- (c) Hydrochloric (Correct)
- (d) Acetic

54. After drinking contaminated water, you would be most apt to develop symptoms of

- (a) Malaria (b) Typhoid fever (Correct)
- (c) Yellow fever
- (d) Formalin

55. Recording of brain waves from outer surface of head is called

- (a) E.C.G.
- (b) MRI
- (c) C.T. scans
- (d) E.E.G (Correct)

56. Which one of the following is an example of hereditary disease?

- (a) AIDS
- (b) Hemophilia (Correct)
- (c) Syphilis
- (d) Formalin

57. Hair, finger nails, hoofs etc. are all made of?

- (a) Fat
- (b) Vitamins
- (c) Proteins (Correct)
- (d) Iron

58. What type of infection is tuberculosis?

- (a) Viral
- (b) Bacterial (Correct)
- (c) Fungal
- (d) Parasitic

59. AIDS virus destroys the _____ system of the human body.

- (a) Circulation
- (b) Immune (Correct)
- (c) Digestion
- (d) Brain

60. Which sets of colour combinations is added in colour vision in TV?

- (a) Red, green and blue (Correct)
- (b) Orange, black and violet
- (c) White, red and yellow

61. Water cannot be used to extinguish fire caused by an electric current because

- (a) It may cause another short circuit (Correct)
- (b) It may cause hydrolysis
- (c) It may cause electrocution

62. Cloudy nights are warmer because

- (a) Clouds prevent radiation of heat from ground to air (Correct)
- (b) Of low atmospheric pressure
- (c) Of the compact density of air

63. Food is cooked quickly in a pressure cooker because

- (a) Boiling point of water is decreased
- (b) Boiling point of water is increased (Correct)
- (c) It absorbs heat quickly

64. The AIDS virus is called.

- (a) A.I.B
- (b) B.I.H
- (c) H.I.V (Correct)
- (d) V.I.H

65. Cataract is a disease which is due to

- (a) A defect in the optic nerve
- (b) Inflammation in the eye
- (c) Opacity of cornea (Correct)
- (d) Opacity of lens

66. In which form glucose is stored in the liver?

- (a) Lactic acid
- (b) Lactose
- (c) Ribose
- (d) Glycogen (Correct)

67. Mercury thermometer was invented by

- (a) Galileo (Correct)
- (b) Fahrenheit

- (c) Newton
- (d) Priestly

68. John Walker invented

- (a) Safety match (Correct)
- (b) Safety razor
- (c) Safety pin
- (d) Safety valve

69. Gun powder was invented by

- (a) Roger Bacon (Correct)
- (b) Alfred Nobel
- (c) Albert Einstein
- (d) Alexander Fleming

70. Who among the following does not have a chemical element named after him?

- (a) Albert Einstein
- (b) Enrico Fermi
- (c) Isaac Newton (Correct)
- (d) Mendeleev

71. In which country alcohol is used as fuel for vehicles

- (a) U.S.A
- (b) Brazil (Correct)
- (c) Japan
- (d) Germany

72. The device used for the measurement of current, voltage and resistance is

- (a) AVO meter (Correct)
- (b) Galvanometer
- (c) Ammeter
- (d) Ohmmeter

73. Silicon is a

- (a) Semi-conductor (Correct)
- (b) Insulator
- (c) Superconductor
- (d) Conductor

74. What is Penicillin?

- (a) Vitamin

- (b) Hormone
- (c) Antibiotic (Correct)
- (d) Analgesic

75. Liver produces?

- (a) Hormones
- (b) Bile (Correct)
- (c) Enzymes
- (d) HCl

76. Lack of _____ causes diabetes

- (a) Sugar
- (b) Insulin (Correct)
- (c) Calcium
- (d) Vitamins

77. Triple antigen vaccine is given to children to protect them against

- (a) Polio
- (b) Whooping cough (Correct)
- (c) Tuberculosis
- (d) Contagious diseases

78. Storage batteries commonly contain

- (a) Copper
- (b) Mercury
- (c) Lead (Correct)
- (d) Iron

79. Water is a universal solvent for what reactions.

- (a) Physical
- (b) Chemical
- (c) Nuclear
- (d) Biochemical (Correct)

80. The volume percentage of nitrogen in air is

- (a) 60%
- (b) 67%
- (c) 74%
- (d) 78% (Correct)

81. Air contains volume of carbon dioxide approximately;

- (a) 3 %
- (b) 33%
- (c) 0.3 %
- (d) 0.03% (Correct)

82. The gases which are used by divers as an artificial atmosphere are helium and;

- (a) Nitrogen
- (b) Oxygen (Correct)
- (c) Neon
- (d) None of these

83. Which of the following is involved in blood clotting?

- (a) Sodium
- (b) Magnesium
- (c) Calcium (Correct)
- (d) Potassium

84. Which of the following vitamins is essential for bone and teeth formation?

- (a) Vitamin A
- (b) Vitamin B
- (c) Vitamin C
- (d) Vitamin D (Correct)

85. The richest source of vitamin D is:

- (a) Cod liver oil (Correct)
- (b) Spinach
- (c) Milk
- (d) Cheese

86. Which of the following vitamins is synthesized in the body by intestinal bacteria?

- (a) Vitamin B1
- (b) Vitamin B4
- (c) Vitamin D
- (d) Vitamin K (Correct)

87. The vitamin capable of formation of blood is

- (a) Vitamin A
- (b) Vitamin B (Correct)
- (c) Vitamin C
- (d) Vitamin D

88. Entomology is the science which deals with

- (a) Plants
- (b) Animals
- (c) Insects (Correct)
- (d) Chemicals

89. Which of the following is a mammal?

- (a) Ostrich
- (b) Crocodile
- (c) Platypus (Correct)
- (d) Duck

90. Respiratory centre is situated in:

- (a) Cerebrum
- (b) Cerebellum
- (c) Medulla oblongata (Correct)
- (d) Diencephalon

91. The normal temperature of the human body is:

- (a) 90°F
- (b) 98°F
- (c) 98.6°F (Correct)
- (d) 96.4°F

92. The total number of bones in human skull

- (a) 28
- (b) 42
- (c) 22 (Correct)
- (d) 37

93. In brain, the site for intelligence, memory and emotion is present in

- (a) Cerebrum (Correct)
- (b) Cerebellum
- (c) Medulla
- (d) Hypothalamus

94. The longest and the strongest bone in the human body is

- (a) Tibia
- (b) Pelvis
- (c) Femur (Correct)

(d) Jaw

95. By taking pulse rate of the human body a doctor determines

- (a) Condition of the liver
- (b) Amount of blood in the body
- (c) Checks the lungs
- (d) Heart beat (Correct)

96. Hepatitis B is a disease of

- (a) Lungs
- (b) Heart
- (c) Liver (Correct)
- (d) Kidney

97. Who discovered circulation of blood in the human body?

- (a) Edward Jenner
- (b) Joseph Lister
- (c) William Harvey (Correct)
- (d) Jonon Esals

98. Who was the surgeon who pioneered antiseptic surgery?

- (a) Edward Jenner
- (b) Joseph Lister (Correct)
- (c) Henry William
- (d) John Gleeman

99. The credit of inventing the television goes to

- (a) Faraday
- (b) Baird (Correct)
- (c) Edison
- (d) Marconi

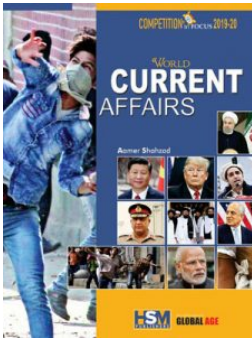
100. Alfred Nobel is associated with the invention of

- (a) Cosmic rays
- (b) Dynamite (Correct)
- (c) Dynamo
- (d) Penicillin

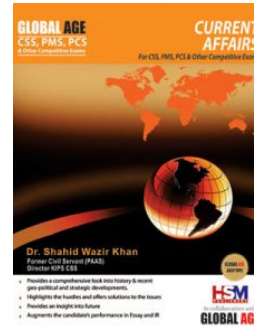
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