



NOTES

(BIOLOGY-ONE LINER)

1. Who was the first to isolate Gene? –Dr. Hargobind Khurana
2. Which cell organelles function as the power house of a living cell? –Mitochondria
3. Nobel Prize winning scientist James D. Watson is known for his work in which area? –Genetics
4. What is the Branch of science which deals with the study of skin of man? –Dermatology
5. Which test helps in diagnosis of cancer? –Biopsy Test
6. The filtering of blood through an artificial kidney is called _____? –Dialysis
7. Animals store glucose in the form of _____? –Glycogen
8. Who invented penicillin? –Alexander Fleming
9. The longest and largest bone in the human body is _____? –Femur
10. Which is known as master gland in man? –Pituitary gland
11. Which vitamin is essential for the coagulation of blood? –Vitamin K
12. Which insect spreads kala-azar? –Sand Fly
13. Name the smallest functional unit of the kidney? –Nephron
14. What is the smallest structural and functional unit of nervous system? –Neuron
15. Which animal have no blood but they respire? –Hydra
16. What is the Dental formula of man? –2123/2123
17. The biogas used for cooking is a mixture of ____? –Methane & Carbondioxide
18. Which plant yeilds biodiesel or biofuel? –Jatropha Curcas
19. The most serious air pollutant causing health hazard is____? –Sulphur dioxide
20. Which major chemical compound found in human kidney stones? –Calcium oxalate
21. Sex determination of child is done by whose chromosome? –Father

22. What is the name of first clones sheep? **-Dolly**
23. What is known as 'kitchen of cell'? **-Chloroplast**
24. Enlargment of which gland takes place due to deficiency of iodine? **-Thyroid**
25. Which part of human brain is the regulating centre for swallowing and vomiting? **-Medulla Oblongata**
26. What are Bryophytes? **-Amphibious**
27. The number of Chromosomes in the human gene is _____. **-46**
28. Polio is caused by whom? **-Virus**
29. Ductless glands are known as____? **-Endocrine glands**
30. The human faces is yellow in colour due to the presence of a pigment called? **-Urobilin**
31. Which enzyme is found in human saliva? **-Ptyalin**
32. Hansen's disease is also known as____? **-Leprosy**
33. What is systolic and diastolic pressure in a healthy man? **-120mm & 80mm**
34. Which is considered as the strongest natural fibre? **-Silk**
35. The deficiency of which leads to dental caries? **-Fluorine**
36. Companion cells are unique to____? **-Angiosperms**
37. The smallest bone in the human body is____? **-Stapes**
38. A person feel fatigued due to deposition of which acid in their muscles? **-Lactic Acid**
39. How many bones are present in human skull? **-22**
40. Which lobe of human brain is associated with hearing? **-Temporal Lobe**
41. Upper most layer of skin is called ____? **-Epidermis**
42. Motor skills are associated with which part of the brain? **-Frontal Lobes**
43. Blood group was discovered by whom? **-Landsteiner**
44. The ph value of human blood is____? **-7.40**
45. Name the largest gland in the human body? **-Liver**
46. What is the chemical name of a substance which kills rats? **-White Phosphorus**
47. The metal present in the haemoglobin is _____ **.-Iron**

48. Which mosquito is the carrier of Zika virus? **-Aedes**
49. Name the gas used for making vegetable ghee? **-Hydrogen**
50. Which part of brain is centre of thirst, hunger and sleep? **-Hypothalamus**
51. Which regulates the quantum of light entering the human eye? **-Iris**
52. DNA stands for _____ . **-Deoxyribonucleic Acid**
53. What percentage of water is lost during transpiration? **-99%**
54. Pyramid of energy is ____? **-Always upright**
55. Edward Jenner is related with which disease? **-Small pox**
56. The hormone used as an oral contraceptive is ____ . **-Progesterone**
57. Which vitamin is considered to be a hormone? **-Vitamin D**
58. The process of photosynthesis involves conversion of what? **-Solar energy into Chemical Energy**
59. Who explained about the blood circulation for the first time? **-William Harvey**
60. Dog bite can cause rabies. Which other animal can also cause rabies? **-Bat**
61. Saliva helps in the digestion of which thing? **-Starch**
62. Which is the sweetest sugar? **-Fructose**
63. Which enzyme is present in all members of the animal kingdom except Protozoa? **-Amylase**
64. What is contained in Chlorophyll? **-Magnesium**
65. From which part of the plant is turmeric obtained? **-Stem**
66. Lacrymal glands are situated in the____? **-Eye Orbit**
67. The specific role of Vitamin K is in the synthesis of **-Prothrombin**
68. Which Part of plant is important for the life cycle of plant? **-Flower**
69. Increased RBC's in the blood leads to a condition called____? **-Polycythemia**
70. Name the hormone that regulates the amount of glucose in the blood. **-Insulin**
71. Which is known as graveyard of RBC's? **-Spleen**
72. Which disease is caused by the bite of a mad dog? **-Hydrophobia**

73. What is the normal cholesterol level in human blood? **-180-200 mg/dL**
74. The first vaccine injected into a just born baby is _____. **-BCG**
75. Which are phagocytes in liver? **- Kupffer cells**
76. Which gland disappear during old age? **-Thymus**
77. The study of Dendrology is associated with____? **-Trees**
78. Theory of natural selection was proposed by_____. **-Charles Darwin**
79. By which doctor was the first successful heart transplant in India performed? **-Dr. Venugopal**
80. The food poisoning is caused by_____. **-Clostridium botulinum**
81. Which acid is found in 'Tomato'? **-Oxalic Acid**
82. Haematopoiesis take place in ____? **-Bone marrow**
83. Which part of human brain is affected by alcohol? **-Cerebellum**
84. Ascariasis is caused by ____? **-Round Worm**
85. Turpentine oil is obtained from____? **-Pinus**
86. Which salt is found in bone in largest amount? **-Calcium Phosphate**
87. Genes are made by____? **-Polynucleotide**
88. Which disease is known as 'silent killer'? **-High Blood pressure**
89. By whom was oral polio vaccine discovered? **-Jonas Salk**
90. The compound used in anti-malarial drug is____? **-Chloroquine**
91. Which is responsible for transport of food and other substances in plants? **-Phloem**
92. BCG vaccination (Bacillus Calmette Guérin) is injected to get immunity from? **-Tuberculosis**
93. First vaccine produced by bio-technology was used against which virus? **-Hepatitis-B**
94. Alcoholic drink contains____? **-Ethyl Alcohol**
95. Xerophthalmia is a disease caused by lack of which vitamin? **-Vitamin A**
96. Which is responsible for the process of cell division? **-Mitosis**
97. What is known as 'Suicidal bags of cell'? **-Lysosome**
98. The plants, which grow under water stress conditions are called____? **-Xerophytes**
99. Which metal is present in Insulin? **-Zinc**
100. Most of the red, blue and purple colours of plants are due to a pigment called? **-Anthocyanin**