

Biology

1-The basic unit of life is:

A - cell

2 -Which organelle is known as the powerhouse of the cell?

A- Mitochondria

3 -DNA stands for:

A- Deoxyribonucleic Acid

4 - Human heart has how many chambers?

A - 4

5 -Photosynthesis occurs in:

A- Chloroplast

6 -Which blood cells fight infection?

A - WBC

7 -Human normal body temperature is

A- 37°C

8 - Which vitamin is produced in sunlight?

A- vitamin D

9 - Largest organ in human body:

A- skin

10 - Which part of plant makes food?

A - leaf

11 - Which biomolecule is the main component of cell membrane?

A - lipid

12 - Which organelle contains DNA?

A- Mitochondria

13 - The site of protein synthesis is:

A - Ribosome

14 - Which vitamin deficiency causes rickets?

A- vitamin D

15 - Which part of brain controls balance?

A - Cerebellum

16 - Blood group AB is:

A - universal recipient

17 - Enzyme is:

A - protein

18 - Which hormone regulates blood sugar?

A - insulin

19 - Unit of heredity:

A - gene

20 - Photosynthesis uses:

A - carbon dioxide

21 - Which kingdom includes bacteria?

A - Monera

22 - Human lungs are used for:

A - Respiration

23 - Which blood cells carry oxygen?

A - RBC

24 - Which organ detoxifies chemicals?

A - Liver

25 - Which process forms gametes?

A - Meiosis

26 - DNA replication occurs in:

A - Nucleus

27 - Which is not a connective tissue?

A- muscle

28 - Which pigment is in RBC?

A- Hemoglobin

29 - Which gas is released in photosynthesis?

A- O₂

30 - Which organ controls body functions?

A- brain

31 - Which vitamin helps in blood clotting?

A- vitamin K

32 - Which organ produces bile?

A- bile

33 - Which part absorbs nutrients?

A- small intestine

34 - Which structure stores urine?

A- bladder

35 - Which organism is unicellular?

A- Amoeba

36 - Which part of neuron carries impulses away?

A- Axon

37 - Which blood vessel carries blood away from heart?

A- artery

38 - Which disease is caused by virus?

A - covid - 19

39 - Which structure controls cell activities?

A- Nucleus

40 - Which mineral is needed for hemoglobin?

A- iron

41 - Which plant tissue transports water?

A- xylem

42 - Which tissue transports food in plants?

A- Phloem

43 - Which organelle digests waste?

A- Lysosome

44 - Which gas is needed for respiration?

A- oxygen

45 - Which structure in leaf helps gas exchange?

A - Stomata

46 - Which blood component helps clotting?

A- Platelets

47 - Which part of plant anchors it?

A - Root

48 - Which disease affects lungs?

A- Tuberculosis

49 - Which system controls hormones?

A - endocrine system

50 - Which is the genetic material?

A - DNA