

Kerala PSC Biology Questions

1. What is the basic unit of life?

- A) Tissue
- B) Cell
- C) Organ
- D) Organism

Answer: B) Cell

2. Which organ pumps blood throughout the human body?

- A) Liver
- B) Kidney
- C) Heart
- D) Lungs

Answer: C) Heart

3. Which blood cells carry oxygen?

- A) White blood cells
- B) Platelets
- C) Red blood cells
- D) Plasma

Answer: C) Red blood cells

4. Which blood group is known as the universal donor?

- A) A
- B) B
- C) AB
- D) O Negative

Answer: D) O Negative

5. Which vitamin is produced in the skin through sunlight?

- A) Vitamin A
- B) Vitamin C
- C) Vitamin D
- D) Vitamin K

Answer: C) Vitamin D

6. Which organ filters blood and produces urine?

- A) Liver
- B) Heart
- C) Kidney
- D) Lungs

Answer: C) Kidney

7. The largest organ in the human body is:

- A) Liver
- B) Skin
- C) Brain
- D) Heart

Answer: B) Skin

8. Which part of the plant carries water from roots to leaves?

- A) Phloem
- B) Xylem
- C) Epidermis
- D) Cortex

Answer: B) Xylem

9. Which part of a plant prepares food?

- A) Root
- B) Stem
- C) Leaf
- D) Flower

Answer: C) Leaf

10. Photosynthesis mainly occurs in:

- A) Roots
- B) Chloroplasts
- C) Stem
- D) Flowers

Answer: B) Chloroplasts

11. The green pigment in plants is:

- A) Hemoglobin
- B) Melanin
- C) Chlorophyll
- D) Keratin

Answer: C) Chlorophyll

12. Which gas do plants absorb during photosynthesis?

- A) Oxygen
- B) Carbon dioxide
- C) Nitrogen
- D) Hydrogen

Answer: B) Carbon dioxide

13. Which gas is released during photosynthesis?

- A) Carbon dioxide
- B) Nitrogen

- C) Oxygen
- D) Helium

Answer: C) Oxygen

14. Which blood cells help fight infections?

- A) RBCs
- B) WBCs
- C) Platelets
- D) Plasma

Answer: B) WBCs

15. Platelets help in:

- A) Digestion
- B) Respiration
- C) Blood clotting
- D) Excretion

Answer: C) Blood clotting

16. The human body has how many pairs of kidneys?

- A) One
- B) Two
- C) Three
- D) Four

Answer: B) Two

17. Which vitamin deficiency causes night blindness?

- A) Vitamin A
- B) Vitamin B12
- C) Vitamin C
- D) Vitamin D

Answer: A) Vitamin A

18. Which disease is caused by Vitamin C deficiency?

- A) Beriberi
- B) Scurvy
- C) Rickets
- D) Goitre

Answer: B) Scurvy

19. Which vitamin deficiency causes rickets?

- A) Vitamin A
- B) Vitamin C
- C) Vitamin D
- D) Vitamin K

Answer: C) Vitamin D

20. Which mineral is essential for healthy bones and teeth?

- A) Iron
- B) Calcium
- C) Sodium
- D) Potassium

Answer: B) Calcium

21. Which organ produces insulin?

- A) Liver
- B) Pancreas
- C) Kidney
- D) Heart

Answer: B) Pancreas

22. Diabetes is mainly caused by a deficiency of:

- A) Hemoglobin
- B) Insulin
- C) Thyroxine
- D) Adrenaline

Answer: B) Insulin

23. Which gland is known as the "master gland"?

- A) Thyroid
- B) Pituitary
- C) Adrenal
- D) Pancreas

Answer: B) Pituitary

24. Which hormone regulates metabolism?

- A) Insulin
- B) Thyroxine
- C) Adrenaline
- D) Estrogen

Answer: B) Thyroxine

25. Which organ is responsible for breathing?

- A) Heart
- B) Lungs
- C) Liver
- D) Brain

Answer: B) Lungs

26. Which blood vessel carries oxygenated blood from the lungs to the heart?

- A) Pulmonary artery
- B) Pulmonary vein
- C) Aorta
- D) Vena cava

Answer: B) Pulmonary vein

27. DNA stands for:

- A) Deoxyribonucleic Acid
- B) Dioxyribo Acid
- C) Double Nuclear Acid
- D) Dynamic Nucleic Acid

Answer: A) Deoxyribonucleic Acid

28. Genes are located on:

- A) Ribosomes
- B) Chromosomes
- C) Mitochondria
- D) Vacuoles

Answer: B) Chromosomes

29. The father of genetics is:

- A) Charles Darwin
- B) Gregor Mendel
- C) Louis Pasteur
- D) Carl Linnaeus

Answer: B) Gregor Mendel

30. Which disease is prevented by the BCG vaccine?

- A) Polio
- B) Tuberculosis
- C) Measles
- D) Hepatitis B

Answer: B) Tuberculosis

31. Which microorganism causes malaria?

- A) Bacteria
- B) Virus
- C) Protozoa
- D) Fungus

Answer: C) Protozoa

32. Malaria is transmitted by:

- A) Housefly
- B) Female Anopheles mosquito
- C) Tsetse fly
- D) Sandfly

Answer: B) Female Anopheles mosquito

33. Dengue is spread by:

- A) Female Aedes mosquito
- B) Male Anopheles mosquito
- C) Housefly
- D) Flea

Answer: A) Female Aedes mosquito

34. Which vitamin helps in blood clotting?

- A) Vitamin A
- B) Vitamin C
- C) Vitamin D
- D) Vitamin K

Answer: D) Vitamin K

35. Which organ detoxifies harmful substances in the body?

- A) Kidney
- B) Liver
- C) Heart
- D) Brain

Answer: B) Liver

36. Which is the largest gland in the human body?

- A) Thyroid
- B) Liver
- C) Pancreas
- D) Pituitary

Answer: B) Liver

37. Which pigment gives blood its red color?

- A) Chlorophyll
- B) Hemoglobin
- C) Melanin
- D) Keratin

Answer: B) Hemoglobin

38. Which part of the brain controls balance?

- A) Cerebrum
- B) Cerebellum

- C) Medulla
- D) Hypothalamus

Answer: B) Cerebellum

39. Which is the longest bone in the human body?

- A) Humerus
- B) Femur
- C) Tibia
- D) Radius

Answer: B) Femur

40. Which is the smallest bone in the human body?

- A) Femur
- B) Stapes
- C) Tibia
- D) Fibula

Answer: B) Stapes

41. Which blood vessel carries blood from the heart to the body?

- A) Vein
- B) Capillary
- C) Aorta
- D) Pulmonary vein

Answer: C) Aorta

42. Which kingdom includes mushrooms?

- A) Plantae
- B) Animalia
- C) Fungi
- D) Protista

Answer: C) Fungi

43. Which cell organelle is known as the "powerhouse of the cell"?

- A) Nucleus
- B) Ribosome
- C) Mitochondria
- D) Golgi body

Answer: C) Mitochondria

44. Which cell organelle contains genetic material?

- A) Vacuole
- B) Nucleus
- C) Lysosome
- D) Chloroplast

Answer: B) Nucleus

45. Which process produces new individuals of the same species?

- A) Respiration
- B) Reproduction
- C) Digestion
- D) Excretion

Answer: B) Reproduction

46. Which nutrient is the primary source of energy?

- A) Proteins
- B) Vitamins
- C) Carbohydrates
- D) Minerals

Answer: C) Carbohydrates

47. Which nutrient helps in body building and tissue repair?

- A) Carbohydrates
- B) Proteins
- C) Fats
- D) Vitamins

Answer: B) Proteins

48. Which disease is caused by iodine deficiency?

- A) Goitre
- B) Scurvy
- C) Beriberi
- D) Rickets

Answer: A) Goitre

49. Which scientist proposed the theory of evolution by natural selection?

- A) Gregor Mendel
- B) Charles Darwin
- C) Louis Pasteur
- D) Robert Hooke

Answer: B) Charles Darwin

50. Which branch of biology deals with the study of plants?

- A) Zoology
- B) Botany
- C) Genetics
- D) Ecology

Answer: B) Botany

