

MCQs from CHAT GPT on **body systems**

Model: 5.2

1. Which of the following is a component of the skeletal system?

- A) Heart
- B) Bones
- C) Lungs
- D) Kidneys

Answer: B

2. The skeletal system stores:

- A) Vitamins
- B) Hormones
- C) Minerals and lipids
- D) Enzymes

Answer: C

3. The skeletal system helps in:

- A) Hormone secretion
- B) Blood circulation
- C) Body movement
- D) Digestion

Answer: C

4. Blood cell production occurs in the:

- A) Muscles
- B) Bones
- C) Lungs
- D) Skin

Answer: B

5. The cardiovascular system includes:

- A) Brain and nerves
- B) Heart and blood vessels
- C) Lymph nodes
- D) Kidneys

Answer: B

6. The heart function is to:

- A) Filter blood
- B) Pump blood
- C) Produce hormones
- D) Absorb nutrients

Answer: B

7. Blood carries oxygen and:

- A) Hormones only
- B) Waste only
- C) Nutrients
- D) Enzymes

Answer: C

8. The lymphatic system returns _____ to the blood.

- A) Oxygen
- B) Proteins and fluid
- C) Hormones
- D) Enzymes

Answer: B

9. B cells and T cells mature in the:

- A) Digestive system
- B) Nervous system
- C) Lymphatic system

D) Skeletal system

Answer: C

10. The spleen is part of the:

A) Cardiovascular system

B) Lymphatic system

C) Respiratory system

D) Urinary system

Answer: B

11. The nervous system includes the:

A) Kidneys

B) Brain and spinal cord

C) Stomach

D) Liver

Answer: B

12. The nervous system generates:

A) Hormones

B) Blood cells

C) Action potentials

D) Urine

Answer: C

13. The muscular system consists mainly of:

A) Smooth muscle

B) Cardiac muscle

C) Skeletal muscle tissue

D) Nervous tissue

Answer: C

14. The muscular system helps maintain:

- A) Hormone levels
- B) Posture
- C) Blood pressure
- D) Immunity

Answer: B

15. Heat production is a function of the:

- A) Skeletal system
- B) Muscular system
- C) Respiratory system
- D) Digestive system

Answer: B

16. The respiratory system transfers oxygen to the:

- A) Muscles
- B) Blood
- C) Brain
- D) Skin

Answer: B

17. The trachea belongs to the:

- A) Digestive system
- B) Respiratory system
- C) Urinary system
- D) Endocrine system

Answer: B

18. Sound production involves the:

- A) Kidneys
- B) Vocal cords
- C) Liver

D) Pancreas

Answer: B

19. The digestive system performs:

- A) Hormone production
- B) Physical and chemical breakdown of food
- C) Blood filtration
- D) Oxygen transport

Answer: B

20. Nutrient absorption occurs in the:

- A) Respiratory system
- B) Urinary system
- C) Digestive system
- D) Nervous system

Answer: C

21. The liver is an accessory organ of the:

- A) Nervous system
- B) Digestive system
- C) Respiratory system
- D) Skeletal system

Answer: B

22. The urinary system includes:

- A) Lungs
- B) Heart
- C) Kidneys
- D) Spleen

Answer: C

23. The urinary system helps maintain:

- A) Oxygen levels
- B) Mineral balance
- C) Digestion
- D) Movement

Answer: B

24. Urine is stored in the:

- A) Kidney
- B) Ureter
- C) Urinary bladder
- D) Urethra

Answer: C

25. The endocrine system regulates body activities by releasing:

- A) Blood
- B) Nerve impulses
- C) Hormones
- D) Enzymes

Answer: C

26. Hormones are transported through the:

- A) Lymph
- B) Nerves
- C) Blood
- D) Air

Answer: C

27. The thyroid gland belongs to the:

- A) Respiratory system
- B) Endocrine system

- C) Digestive system
- D) Skeletal system

Answer: B

28. The pancreas functions in the:

- A) Endocrine only
- B) Digestive only
- C) Both endocrine and digestive
- D) Nervous only

Answer: C

29. The reproductive system produces:

- A) Hormones only
- B) Gametes
- C) Enzymes
- D) Blood

Answer: B

30. Male reproductive organs include:

- A) Ovaries
- B) Uterus
- C) Testes
- D) Fallopian tubes

Answer: C

31. Female gametes are called:

- A) Sperm
- B) Hormones
- C) Oocytes
- D) Enzymes

Answer: C

32. The integumentary system includes the:

- A) Heart

- B) Brain
- C) Skin
- D) Lungs

Answer: C

33. Hair and nails are part of the:

- A) Skeletal system
- B) Integumentary system
- C) Nervous system
- D) Digestive system

Answer: B

34. The skin helps regulate:

- A) Blood pressure
- B) Body temperature
- C) Hormone levels
- D) Digestion

Answer: B

35. Vitamin D production is related to the:

- A) Respiratory system
- B) Digestive system
- C) Integumentary system
- D) Urinary system

Answer: C

36. Which system protects the body externally?

- A) Skeletal
- B) Integumentary
- C) Digestive
- D) Endocrine

Answer: B

37. The pharynx is shared by the:

- A) Digestive and respiratory systems
- B) Nervous and endocrine systems
- C) Urinary and reproductive systems
- D) Skeletal and muscular systems

Answer: A

38. Carbon dioxide is removed through the:

- A) Digestive system
- B) Respiratory system
- C) Urinary system
- D) Skeletal system

Answer: B

39. The thymus is part of the:

- A) Endocrine only
- B) Lymphatic system
- C) Digestive system
- D) Urinary system

Answer: B

40. The adrenal glands are part of the:

- A) Nervous system
- B) Endocrine system
- C) Respiratory system
- D) Muscular system

Answer: B

41. The uterus is part of the:

- A) Male reproductive system
- B) Female reproductive system
- C) Digestive system

D) Urinary system

Answer: B

42. The vas deferens is found in the:

- A) Female reproductive system
- B) Male reproductive system
- C) Urinary system
- D) Digestive system

Answer: B

43. The esophagus belongs to the:

- A) Digestive system
- B) Respiratory system
- C) Nervous system
- D) Lymphatic system

Answer: A

44. The bronchial tubes are part of the:

- A) Digestive system
- B) Respiratory system
- C) Skeletal system
- D) Endocrine system

Answer: B

45. Which system maintains acid-base balance?

- A) Respiratory only
- B) Urinary
- C) Skeletal
- D) Muscular

Answer: B

46. Which system helps in body movement together with muscles?

- A) Skeletal system
- B) Digestive system
- C) Endocrine system
- D) Lymphatic system

Answer: A

47. Sweat glands belong to the:

- A) Nervous system
- B) Integumentary system
- C) Urinary system
- D) Skeletal system

Answer: B

48. Lymph nodes function mainly in:

- A) Digestion
- B) Immunity
- C) Respiration
- D) Urination

Answer: B

49. The spinal cord is part of the:

- A) Digestive system
- B) Nervous system
- C) Endocrine system
- D) Cardiovascular system

Answer: B

50. The primary function of the digestive system is:

- A) Oxygen transport
- B) Hormone secretion
- C) Nutrient absorption

D) Heat production

Answer: C