



BIOLOGY

BOOKS - SURA BIOLOGY (TAMIL ENGLISH)

HUMAN ORGAN SYSTEMS

Example

1. Circulatory system transports these throughout the body

A. Oxygen

B. Nutrient

C. Hormones

D. All of these

Answer:



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2. Main organ of respiration in human body is

A. Stomach

B. Spleen

C. Heart

D. Lungs

Answer:



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3. Breakdown of food into smaller molecules in our body is known as

A. Muscle contraction

B. Respiration

C. Digestion

D. Excretion

Answer:



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4. A group of organs that work together to perform a particular function is known as_____



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5. The part of the skeleton that protects the brain is_____



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6. The process by which the body removes waste is_____



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7. The ___ is the largest sense organ in our body.



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8. The endocrine glands produce chemical substances called ___.



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9. True or false. If False , give the correct statement:

Blood is produced in the bone marrow.



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10. True or false. If False , give the correct statement:

All the waste products of the body are excreted through the circulatory system.



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11. True or false. If False , give the correct statement:

The other name of food pipe is alimentary canal.



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12. True or false. If False , give the correct statement:

Thin tube like structures which are the

component of circulatory system are called blood vessels.



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13. True or false. If False , give the correct statement:

The brain , the spinal cord and nerves form the nervous system.



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14. Match the following:

1. Ear	Cardiac muscle
2. Skeletal System	Flat muscle
3. Diaphragm	Sound
4. Heart	Air sacs
5. Lungs	Protection of internal organs



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15. Stomach → Large intestine →
Oesophagus → Pharynx → Mouth →
Small Intestine → Rectum → Anus.



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16. Urethra → Ureter → Urinary Bladder →
Kindey.



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17. Analogy: Arteries:Carry blood from the
heart::___::carry blood to the heart.



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18. Analogy: Lungs:Respiratory system::____:Circulatory system.



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19. Analogy: Enzymes:Digestive glands::____:Endocrine glands.



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20. Describe about skeletal system.



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21. Write the functions of epiglottis.



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22. What are the three types of blood vessels?



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23. Define the term "Trachea".



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24. Write any two functions of digestive system.



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25. Name the important parts of the eye.



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26. Name the important parts of the eye.



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27. Write a short note on rib cage.



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28. List out the functions of the human skeleton.



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29. Differentiate between the voluntary muscles and involuntary muscles.



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30. List out the functions of Endocrine system and Nervous system.

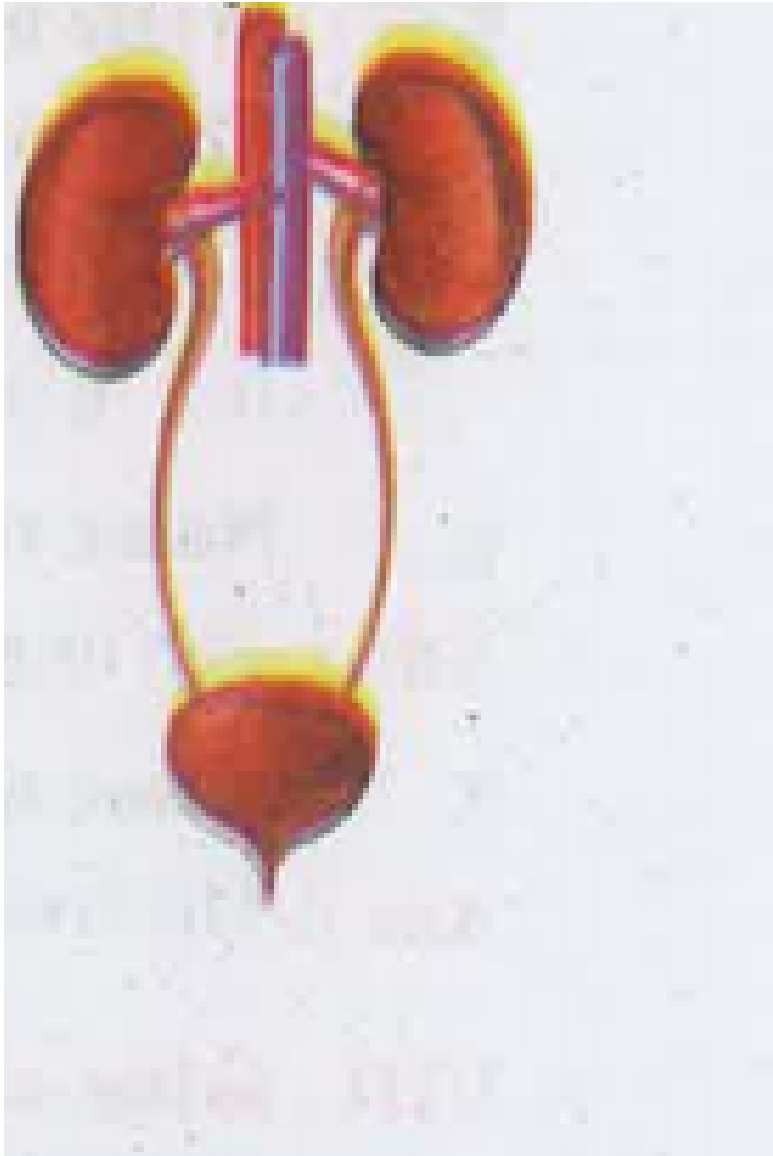


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31. Label the diagram given below to show the four main parts of the urinary system and answer the following questions.

Which organ removes extra salts and water

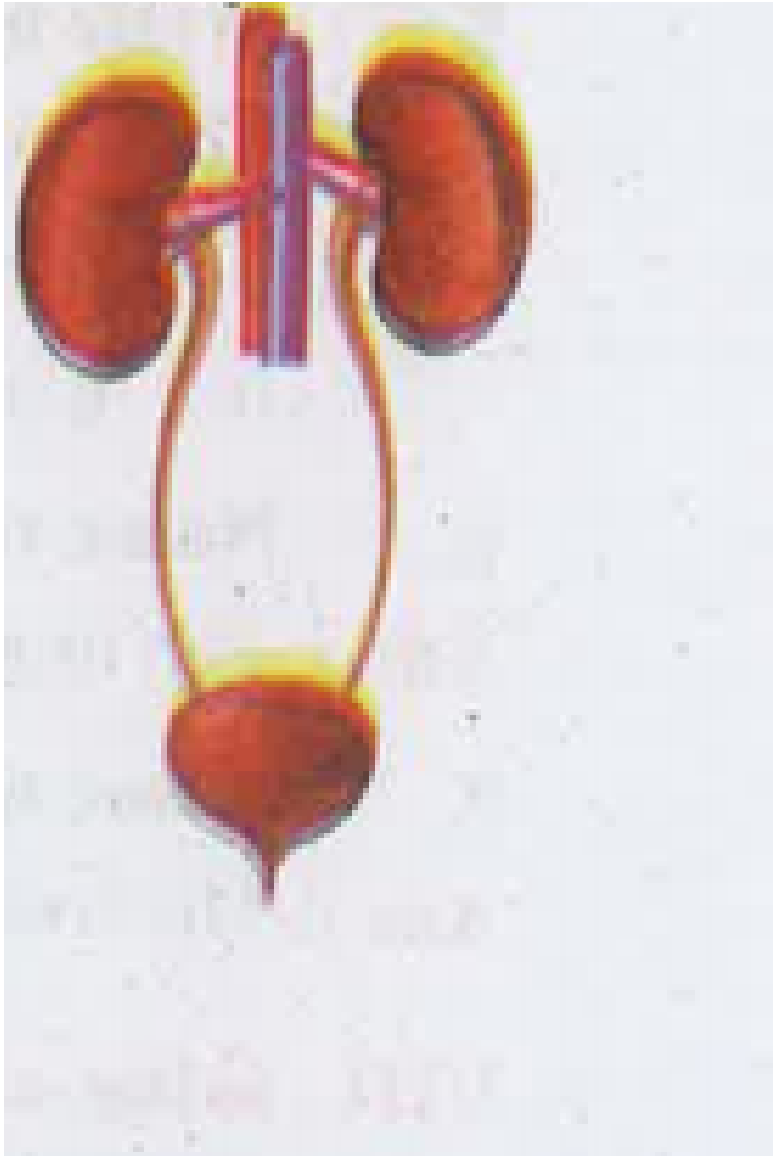
from the blood?



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32. Label the diagram given below to show the four main parts of the urinary system and answer the following questions.

Where is the urine stored?

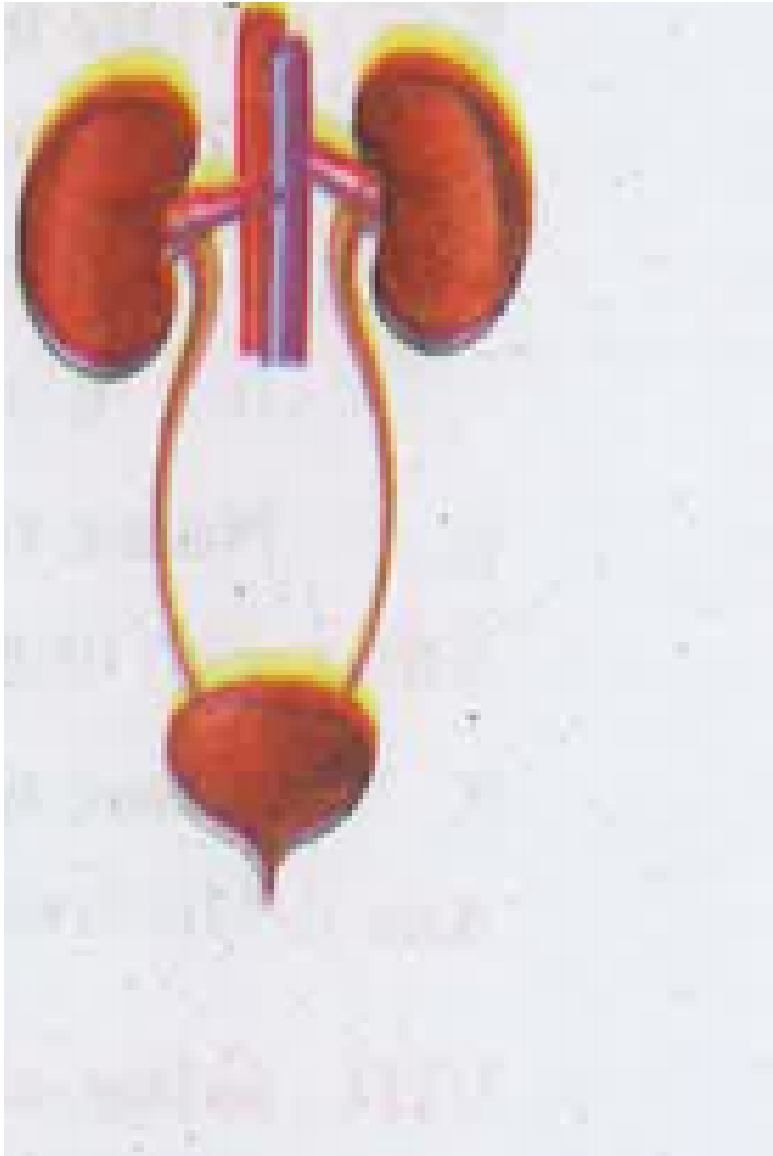


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33. Label the diagram given below to show the four main parts of the urinary system and answer the following questions.

What is the tube through which urine is

excreted out of the body?

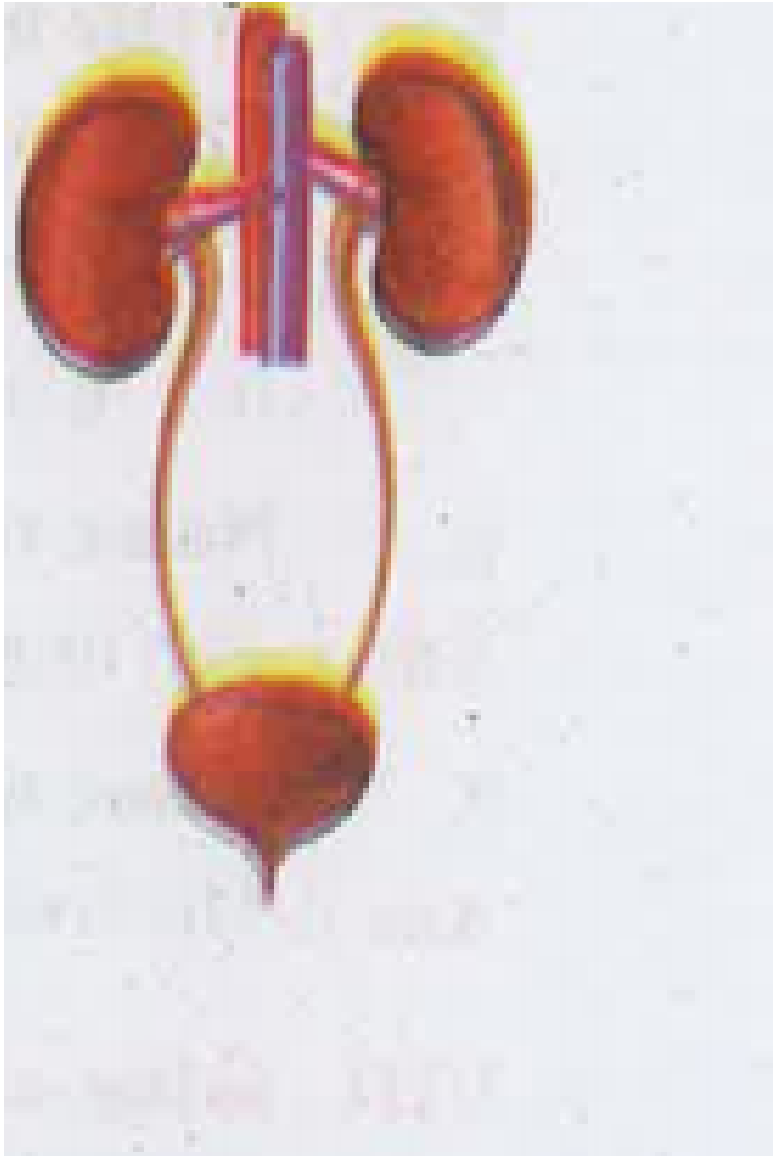


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34. Label the diagram given below to show the four main parts of the urinary system and answer the following questions.

What are the tubes that transfer urine from

the kidneys to the urinary bladder called?



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35. What will happen if the diaphragm shows no movement?



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36. Why is the heart divided into two halves by a thick muscular wall?



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37. Why do we sweat more in summer?



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38. Why do we hiccup and cough sometimes when we swallow food?



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39. A group of organs that work together to perform a particular function is known as_____



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40. _____ Connect bone to muscle.

A. Skeleton

B. Tendons

C. Cartilages

D. Liganments

Answer:



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41. ___ bone is the largest and strongest bone in the human face.



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42. _____ is a major organ for digestion of food materials.

A. Heart

B. Oesophagus

C. Stomach

D. Kidney

Answer:



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43. The ___ is the complex organ which is placed inside the cranium.



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44. Skin helps us to synthesize ___ using sunlight.



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45. ___ gland is located in the neck region.

A. Pituitary

B. Thyroid

C. Adrenal

D. Thymus

Answer:



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46. Pituitary gland is located at ___ in our body.

- A. Neck region
- B. base of brain
- C. Abdomen region
- D. Above the kidney

Answer:



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47. A human skeletal system has.....bone.



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48. ____ help in connection bone to bone.



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49. Vertebral column is formed by a number of serially arranged small bones called ____.



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50. The rib cage is made up of ___ of curved flat rib bones.



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51. The digestive gland associated with alimentary canal is_____.



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52. The lungs are covered by a double layered_____.



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53. The human heart is _____ chambered .



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54. The heart is surrounded by a
_____.



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55. _____ are produced in the bone marrow.



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56. Nervous system is well developed in human and is composed of __ or ____.



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57. The _____ is the controlling centre of all the body activities.

A. Heart

B. Brain

C. Liver

D. Kidney

Answer:



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58. The outer ear in human being is made up of an external flap called ___.



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59. ___gland is the located above the kidney.



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60. Our body contains ___% of water.



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61. Our stomach consists of ___ acid.



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62. Find whether the following sentences are true or false. If false Correct th statement.

The Nervous system consists of bones ,cartilages and joints.



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63. Find whether the following sentences are true or false. If false Correct th statement.

Lower jow bone is the smallest and strongest bone in the human face.





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64. Find whether the following sentences are true or false. If false Correct th statement.

The longest bone in our body is stapes.



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65. Find whether the following sentences are true or false. If false Correct th statement.

Skeleton of an adult has more than 300 bones.



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66. Find whether the following sentences are true or false. If false Correct th statement.

The walls of the heart is made up of cardiac muscle.



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67. Find whether the following sentences are true or false. If false Correct th statement.

Skeletal muscles are involuntary muscle.



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68. Find whether the following sentences are true or false. If false Correct th statement.

Kidney is located in the thoracic cavity between the two lungs.



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69. Find whether the following sentences are true or false. If false Correct th statement.

Our body contains about 10% water.



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70. Find whether the following sentences are true or false. If false Correct th statement.

The heart is surrounded by pleura.



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71. Find whether the following sentences are true or false. If false Correct th statement.

The shortest bone in the body is the thigh bone.



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72. Find whether the following sentences are true or false. If false Correct th statement.

The nitrgenous wastes are removed from the body by the endocrine system.



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73. Analogy: Rib cage protects: Lungs. Skull protects : ____



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74. Analogy: The smallest bone of our body :Stapes.The longest bone of our body:_____



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75. Analogy: A newborn baby has bones :More
then300. An adult has bones: _____



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76. Analogy: Skeletal muscle : Muscle of
arm.Cardiac muscle: _____.



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77. Analogy: Heart :Pericardium membrane.

Lungs:_____



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78. Analogy: Carries blood frm right ventricle to lunds: Pulmonary artery. Carries blood from the lungs to left atrium: _____



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79. Analogy: Carry oxygenated blood : Arteries.

Carry deoxygenated blood: _____



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80. Analogy: Neurons :Nervous system.

Nephrons:_____.



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81. Match the following:

1. Skeletal system	a) Heart
2. Digestive system	b) Kidney
3. Respiratory system	c) Brain
4. Circulatory system	d) Stomach
5. Nervous system	e) Lungs
6. Excretory system	f) skull



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82. List the major organ system of our body.



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83. What is Axial skeleton?



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84. What are the two divisions of skeletal system?



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85. Which muscles are the voluntary muscles?



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86. Differentiate pericardium and pleura.



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87. List the parts of Alimentary canal and the Associated glands for digestion.



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88. Smooth muscles are found in _____.



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89. Which muscles are the involuntary muscles?



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90. Write any two functions of ears.



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91. What is pulse rate?



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92. Name the three regions of brain.



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93. The brain is protected by _____ .



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94. Distinguish between arteries and veins.



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95. Name five sense organs in human body.



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96. Tabulate the names of glands of endocrine system and their locations.



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97. State True or False. If false correct the statement. Liver is a part of alimentary canal.



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98. List the parts of excretory system and write their functions.



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99. Tabulate the names of glands of endocrine system and their locations.



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Exercise

1. Main organ of respiration in human body is

A. Stomach

B. Spleen

C. Heart

D. Lungs

Answer:



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2. Circulatory system transports these throughout the body

A. Oxygen

B. Nutrient

C. Hormones

D. All of these

Answer:



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3. _____ is a major organ for digestion of food materials.

A. Heart

B. Oesophagus

C. Stomach

D. Kidney

Answer:



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4. The functional units of the kidney are called___.

A. Nephrons

B. Neuron

C. bladder

D. Urethra

Answer:



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5. The part of the skeleton that protects the brain is _____.



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6. _____ are produced in the bone marrow.



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7. Our stomach consists of _____ acid.



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8. True or false. If False , give the correct statement:

The other name of food pipe is alimentary canal.



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9. Find whether the following sentences are true or false. If false Correct the statement.

The shortest bone in our body is stapes.



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10. Find whether the following sentences are true or false. If false Correct the statement.

Heart forms an effective barrier against infection by microbes and pathogens.



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11. Stomach → Large intestine →
Oesophagus → Pharynx → Mouth →
Small Intestine → Rectum → Anus.



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12. Write the functions of epiglottis.



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13. List out the functions of the human skeleton.



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14. Analogy: Lungs:Respiratory system::____:Circulatory system.



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15. Analogy: Nervous system: Neurons::____Nephrons.



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16. Match the following:

1.	Diaphragm	a)	Brain
2.	Lungs	b)	Thyroid gland
3.	Nervous system	c)	Flat muscle
4.	Neck region	d)	Air sacs



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17. List the parts of digestive system.



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18. Define -blood.



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19. List out the functions of Endocrine system and Nervous system.



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20. List the parts of excretory system and write their functions.



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