

Grade 7 unit 12: Biological processes V.Premakumar

Next class discussion tute - Zoom ID : 7588726913 Pass code :- science
Every Tuesday Thursday 7.00pm

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1. What is basic structural unit of living organism?
   ……
2. Give functional and structural unit of living organism?
   ……
3. Give structural and functional unit of animal?
   ……
4. Write structural and functional unit of plant?
   ……
5. Draw a sketch diagram of animal cell?

6. Draw a sketch diagram of plant cell?

7. Give 3 unicellular organism which can live in aquatic environment?
   ……

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8. Write a reason that the Amoeba don't have special systems such as digestive system or renal system?

   ……

9. What do you mean by Multicellular organism? Give 3 example?

   ……

10. Complete the following organizational level.

    Cell → Tissue → X → System → Y

    X: - …… Y: - ……

11. Write that the building unit of the life?

    ……

12. What is Tissue?

    ……

13. Give two features of Tissue?

    ……

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    ……

    ……

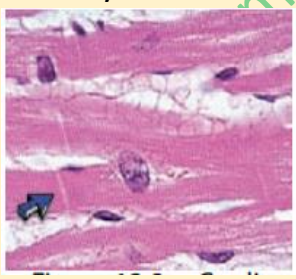
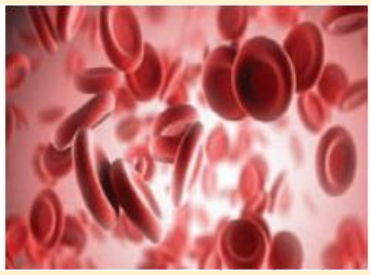
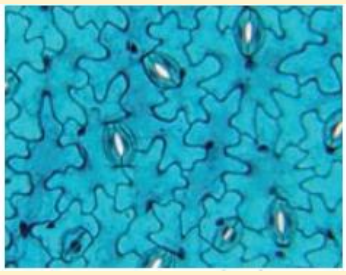
14. List the 5 tissues which are available in human Body?

    ……

    ……

    ……

15. Identify the following diagram and fill in the blank.

    …… …… ……

16. List the 5 organs which are in the Human digestive System?

    ……

    ……

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17. Identify the following organ and write the name of tissues which have available in it?

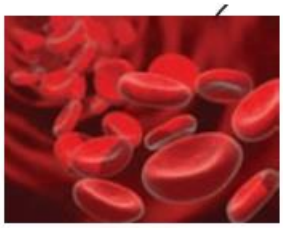


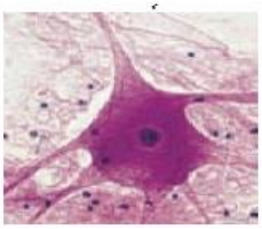
1…… 2 ……

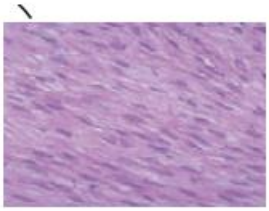
3 …… 4 ……

5. ……

18. write suitable name for the following given picture







…… …… ……

19. Write the name of tissue which can transport water and minerals in the plant?

……

20. Give the name of tissue which can help to transport food in the plan?

……

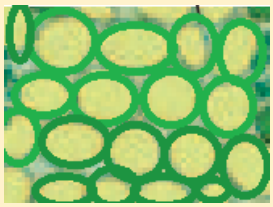
21. Denote the name of given diagram which is available in the plant stem



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22. Denote the name of given diagram which is available in the mid part of the stem of dicot plant.

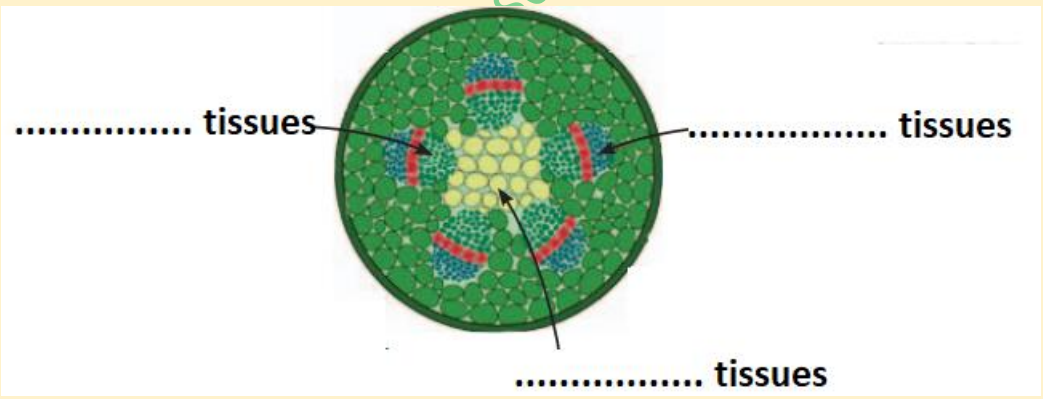


23. Denote the name of given diagram which is available in the stem of the plant and help to transports food?



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24. Cross section of the stem have given below .Fill in the blank.



25. What do you mean by “System”?

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26. Give 5 examples for system which are available in the human body?

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……

27. Write the common function of Human digestive system?

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28. What organs consist in the excretory systems?

……

29. Which system of the plants consist lateral roots and tap root?

……

30. Which system of the plants consist flower and leaves?

……

31. Give 3 examples for biological processes occur in the human body?

……

32. Nervous system consist many organs. Write 2 organs of it?

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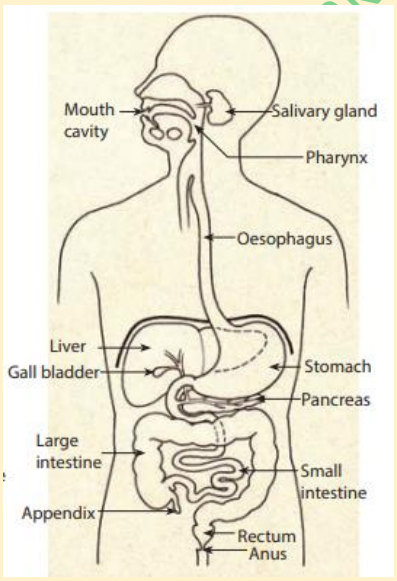
33. Why do we produce energy in our body?

……

34. Air consider as mixture. Which gas of the air is important to aerobic respiration?

……

35. Complex food are broken into simple components by the digestive system. The it can be absorbed easily.



a) In which part of the "digestive system" mainly occur in the digestive system?

b) Give the main function of salivary gland in the digestive system?

c) Write two function of tongue?

d) Write the name of place which is common cavity for digestive tract and the larynx?

e) How many hours food be in the stomach?

f) In which part of the digestive organ mainly have in acidic medium?.....

g) Write the length of small intestine? ……

h) How does small intestine adopted for efficient function of digestive?

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i) Which part of the digestive organ have absorbed more water?.....

36. Give 2 uses of energy for biological activities in the human body?

....

37. Write word equation for producing energy in our body?

.....

38. What system of the body help to exchange air?

.....

39. What do mean by inspiration and Expiration?

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40. What is Respiration?

41. The following diagram shows Respiratory system

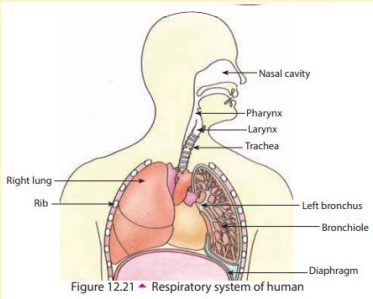


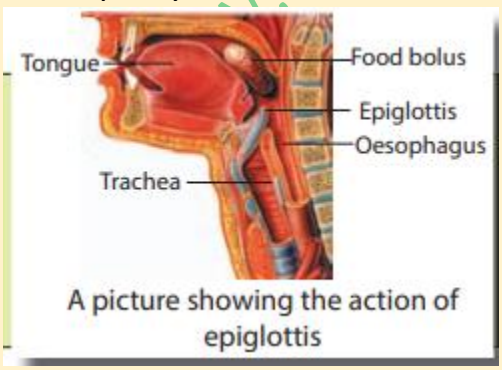
Figure 12.21 Respiratory system of human

a) Write the path of air which goes from the atmospheres to lungs?.....

b) How does concentrate of carbon dioxide increase in exhaling air?.....

c) Which part of the movement help to Inhalation and exhalation of air in the body?

42. Which of the showing organ help to enter food or bolus in to the trachea from the pharynx?

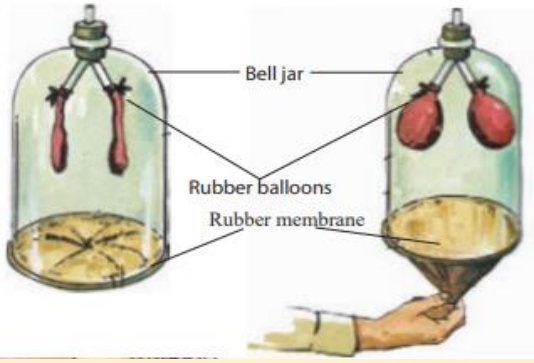


A picture showing the action of epiglottis

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43. The diagram gives below shows the model of human respiratory system.



a) write the name real organs that have used instead of the following

i. Bell Jar - ……

ii. Balloons - ……..

iii. Rubber membrane: - ……..

44. How does Respiratory system adapted to work efficiently?

……

……

……

45. How does teeth help to have mechanical digestion?

……

46. Which of the given food consider as complex food?

1. Glucose 2. Amino acid 3.Fatic acid 4. Protein

47. Which of the given organism consider as unicellular organism?

1. Chlamydomonas 2. Earth worm 3. Plant cell 4. Human

48. Basic structural unit of the organism is

1. Cell 2. Tissue 3. Organ 4. Organisms

49. In which of the given organ consist in Shoot system?

1. Stem 2. Lateral root 3. Root hair 4. tap root

50. Which of the given symbol indicate for carbon dioxide

1. CO 2. CO_2 3. O_2 4. COOH

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