



INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT- III
SUBJECT—SCIENCE

SET - 1

CLASS: VII
DATE: 15.11.15

TIME: 40mts
MARKS: 20

GENERAL INSTRUCTIONS

This question paper contains 13 questions. Read the instructions carefully and answer.

- 1. Questions 1 to 5 carry one mark each. Choose the right answer from the given options.**
- 2. Question 6 to 8 carry one mark each. Answer in one or two words.**
- 3. Questions 9 to 11 carry two marks each. Answer in one or two sentences.**
- 4. Questions 12 & 13 carry three marks each. Answer in detail.**

1. Main organ of respiration in fish: 1x5=5
a. Gills b. Lungs c. Moist skin d. Cell membrane
2. Muscle cramps are caused due to the accumulation of _____ in the body.
a. Acetic acid b. Lactic acid c. Alcohol d. Carbon dioxide
3. Artery that carries deoxygenated blood:
a. Superior vena cava b. Carotid artery c. Pulmonary artery d. Coronary artery
4. Blood cell that helps for clotting of blood:
a. RBC b. WBC c. Platelets d. Plasma
5. Organisms that excrete urea are referred to us _____ organisms.
a. Ammonotelic b. Ureotellic c. Uricotellic d. Amminotelic



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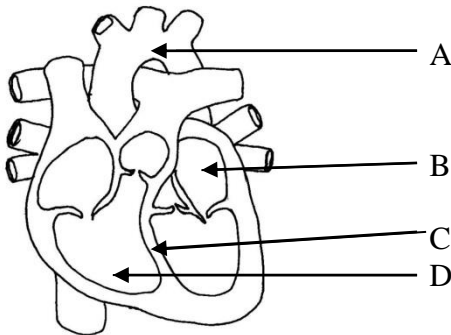
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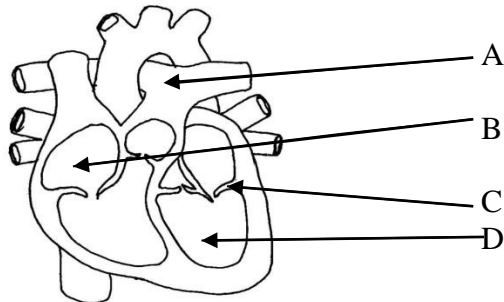
1. Main organ of respiration in insects: 1x5=5
a. Gills b. Lungs c. Moist skin d. Tracheal system
2. Muscle cramps are caused due to the accumulation of _____ in the body.
a. Acetic acid b. Lactic acid c. Alcohol d. Carbon dioxide
3. Vein that carries oxygenated blood:
a. Superior vena cava b. Femoral vein c. Varicose vein d. Pulmonary vein
4. Blood cell that involves in defense mechanism:
a. RBC b. WBC c. Platelets d. Plasma
5. Organisms that excrete uric acid are referred to us _____ organisms.
a. Ammonotelic b. Ureotellic c. Uricotellic d. Amminotelic

6. What role do hair and mucous perform in nostrils? 1x3=3
7. Name the following:
- The covering that prevents the food to enter into trachea of human.
 - The small opening that leads to trachea of insects.
8. What is meant by ascent of sap?
9. List any two functions of blood. 2x3=6
10. Differentiate between aerobic and anaerobic respiration. (2 points)
11. Give reasons:
- The rate of transpiration is not same all the time.
 - Our breathing rate increases when we run.
12. Explain the mechanism of breathing in human? 3x2=6
13. a) Label the following parts of the human heart:



b) What is the function of valves in the heart?

6. How does a frog survive in water as well on land? 1x3=3
7. Name the following:
- The covering of the gills in fish.
 - The opening that guards trachea of human beings.
8. Define transpiration.
9. Differentiate between aerobic and anaerobic respiration. (2 points) 2x3=6
10. List any two functions of blood.
11. Give reasons:
- Our breathing rate increases when we run.
 - The rate of transpiration is not same all the time.
12. a) Label the following parts of the human heart: 3x2=6



- b) Name the diseases that is indicated by urine when excess of the following substances are present in it. (i) Water (ii) Glucose.
13. Explain the mechanism of breathing in human?
