

ST. ARNOLD'S CENTRAL SCHOOL, PUNE
TERM -2 EXAMINATION , 2017-18
SUBJECT- SCIENCE

STD- VII

MM:80

Q. 1 Fill in the blanks.

(1x6=6)

- Haemoglobin is present in _____ cells.
- Insects have a network of air tubes called _____ for gas exchange.
- Acids are _____ in taste.
- The water bearing layer of the earth is known as _____.
- The branchy part of the tree above the stem is known as the _____ of the tree.
- Water reaches great heights in the trees because of suction pull caused by _____.

Q.3 Name the acid present in following things.

(1x4=4)

- Spinach
- Curd
- Vinegar
- Citrus fruit

Q.4 Write two examples for the following.

(1x4=4)

- | | |
|-------------------------|-------------------|
| a. Organic impurities | b. Base |
| c. Inorganic impurities | d. Electromagnets |

Q.5 Define

(1x4=4)

- Cellular respiration
- Asexual reproduction

- c. Infiltration
- d. Understoreys

Q.6 Complete the following reactions.

(1x2=2)



Q.7 Solve the following.

(2x2=4)

- a. A bus moves at a constant speed of 45 km/hr for 10 minutes. What is the distance covered by the bus

- b. i) Convert 320 km/hr to m/s ii) Convert 112 km/hr to m/s

Q.8 Answer the following

(2x8=16)

- a. What will happen if there are no platelets in the blood?
- b. How does the process of fertilization take place in flowers?
- c. Explain uniform and non uniform motion? Give one example each.
- d. What are the advantages of vegetative propagation? (any 2)
- e. What are converging and diverging lens?
- f. Outline your role as an active citizen in relation to sanitation.
- g. Why is grass digested by some animals and not by humans?
- h. Bhoojo is standing in front of plane mirror. If he lift up his right hand which hand does his image will lift? Why?

Q.9 Give reasons

(3x4=12)

- a. Untreated human excreta is a health hazard.

- b. Forest prevents flood.
- c. Calamine solution is applied on the skin when an ant bites.
- d. Paheli got muscle cramp after heavy exercise.

Q.10 Answer the following

(5x3=15)

A a. Describe any 3 consequences of deforestation.

3

b. How does the forest floor look like?

2

B a. How does an electric bell work?

3

b. Draw a circuit of an electric bell

2

C a. The resident of 'Mayur colony' celebrate a 'green week' every year. Each resident plants Saplings and takes responsibility of a green area in the colony. This enables their colony to remain green and clean.

i) According to you , why do these people celebrate 'Green week'?

ii) Write any one value you learn from these people.

3

b. You have been asked to maintain garden. How will you minimize the use of water? 2

Q.11 Write an activity which shows that a wire carrying current behaves like magnet. (4x1=4)

Q.12 Draw and label the diagram

(3x2=6)

a. Excretory system of human being

b. Zygote formation

Q13 Label the following diagram

(1/2x 6=3)

