

Charotar English Medium School

First Term Exam (2018-19)

Sub: Science

Std: 5th

Date:- / 10/2018

Marks :-40

Time 2 Hrs

Q.1 Multiple choice questions :

(5)

- 1) The type of joint in the neck is a ----- joint.
a. Hinge b. Pivot c. Gliding d. Ball and socket joint
- 2) ----- helps in the formation of Red blood cells .
a. Tissue b. Bone marrow c. Muscles d. None of these
- 3) The only muscles which do not get tired are -----
a. Voluntary muscles b. Involuntary muscles c. Cardiac muscles d None of these
- 4) Veins carry blood from all parts of the body towards the-----
a. Arteries b. Lungs c. Heart d. Kidney
- 5) The lower two chambers of the heart are called -----
a. Ventricles b. Arteries c. Veins d. Atria
- 6) All activities of our body are controlled by the-----
a. Muscles b. Spinal cord c. Brain d. Lungs
- 7) Food tastes better when we can ----- it .
a. See b. Smell c. Feel d. None of these
- 8) Cotton seeds are mainly dispersed by-----.
a. Air b. Water c. Animals d. None of these
- 9) Which of the following is not an agent of dispersal ?
a. Water b. Air c. Soil d. Animals
- 10) Which of the following has no scales ?
a. Eel b. Shrimp fish c. Snake d. None of these.

Q.2 Fill in the blanks.

(5)

- 1) Dispersal of pea seeds take place by-----.
- 2) Some desert animals bury under the ground to keep themselves----- .
- 3) Tortoise have ----- to crawl on land .
- 4) The muscles are attached to the bones by ----- .
- 5) Human heart has ----- chambers.

Q.3 Match the following .

(5)

- | | |
|-----------------------|---------------|
| 1) Pea seeds | a) Carnivores |
| 2) Seedlings | b) Ploughing |
| 3) Fleshy seed leaves | c) Omnivores |

- | | |
|--|---|
| 4) Scare away the crow | d) Dicot seeds |
| 5) Helps to loosen the soil | e) Irrigation |
| 6) Maize | f) Young plant coming out of baby plant |
| 7) Supplying water to the plants | g) Monocot seeds |
| 8) Animals that eat plants | h) Cotyledons |
| 9) Animals that eat flesh of other animals | i) Scare crow |
| 10) Animals that eat both plants and other animals | j) Herbivores |

Q 4. Write True and False for the following ; (5)

- 1) The cerebrum part of our brain controls our muscular activities.
- 2) Cappilaries connect arteries to veins.
- 3) Axons are also called nerve fibres.
- 4) Blood carries urea from the liver to the kidneys .
- 5) The bones in the lower jaws are fixed.
- 6) The muscles that are under our control are called involuntary muscles .
- 7) Spear grass is dispersed by animals.
- 8) The main functions of white blood cells is to fight against diseases.
- 9) Seed of wheat is a dicot seed.
- 10) Snakes can shed their skin.

Q.5 .A. Write meaning of the following words . (5)

- a) Brain b) Veins c) Skeleton d) Migration e) Agriculture

(B) Very short answer questions : (5)

- a) Name 3 seeds which are dispersed by wind .
- b) Name different types of habitats.
- c) Name the bones of the lower limbs .
- d) Name the 4 chambers of the heart .
- e) Name three types of nerves.

Q.6 (A) short answer questions: (Answer any three) . (2+2+2) (6)

- a) What is a reflex action ? Give one example.
- b) Write 3 ways to take care of your eyes .
- c) Name the different constituents of blood.
- d) What is heart?

(B) Long answer questions : (Any one) (4)

- a) What is skeletal system ? Write its functions.
- b) List the differences between arteries and veins .

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Answer key

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Q.1 Multiple choice questions :

(5)

- 1) Pivot
- 2) Bone marrow
- 3) Cardiac muscles
- 4) Kidney
- 5) Ventricles
- 6) Brain
- 7) Smell
- 8) Air
- 9) Soil
- 10) Eel

Q.2 Fill in the blanks.

(5)

- 1) Dispersal of pea seeds take place by **explosion**.
- 2) Some desert animals bury under the ground to keep themselves **cool**.
- 3) Tortoise have **short legs** to crawl on land .
- 4) The muscles are attached to the bones by **tendons** .
- 5) Human heart has **four** chambers.

Q.3 Match the following .

(5)

- | | |
|--|---|
| 1) Pea seeds | a) Dicot seeds |
| 2) Seedlings | b) Young plant coming out of baby plant |
| 3) Fleshy seed leaves | c) Cotyledons |
| 4) Scare away the crow | d) Scare crow |
| 5) Helps to loosen the soil | e) Ploughing |
| 6) Maize | f) Monocot seeds |
| 7) Supplying water to the plants | g) Irrigation |
| 8) Animals that eat plants | h) Herbivores |
| 9) Animals that eat flesh of other animals | i) Carnivores |
| 10) Animals that eat both plants and other animals | j) Omnivores |

Q.4. Write True and False for the following ;

(5)

- 1) The cerebrum part of our brain controls our muscular activities. (False)
- 2) Cappilaries connect arteries to veins. (True)

- 3) Axons are also called nerve fibres. (True)
- 4) Blood carries urea from the liver to the kidneys .(True)
- 5) The bones in the lower jaws are fixed. (False)
- 6) The muscles that are under our control are called involuntary muscles .(False)
- 7) Spear grass is dispersed by animals.(True)
- 8) The main functions of white blood cells is to fight against diseases.(True)
- 9) Seed of wheat is a dicot seed.(False)
- 10) Snakes can shed their skin.(True)

Q.5 .A. Write meaning of the following words . (5)

- a) Brain ----The control centre of the body.
- b) Veins-----Blood vessels that carry blood from all parts of the body back to the heart.
- c) Skeleton-----The bony framework that supports our body.
- d) Migration-----The mass movement of animals every year to avoid harsh weather and to breed.
- e) Agriculture---- The mass production of plants and animals for food and other purposes.

(B) Very short answer questions : (5)

- a) Name 3 seeds which are dispersed by wind .
Madar, Hiptage, Cotton
- b) Name different types of habitats.
Forests, deserts, polar regions and high mountains, oceans and fresh water
- c) Name the bones of the lower limbs .
Femur, tibia, fibula.
- d) Name the 4 chambers of the heart .
Right atrium, Right ventricle, Left atrium, Left ventricle
- e) Name three types of nerves.
Sensory nerves, Motor nerves, Mixed nerves

Q.6 (A) short answer questions: (Answer any three) . (2+2+2) (6)

- a) What is a reflex action ? Give one example.

Ans.---A reflex action is an automatic reaction of the body to an event. This action is controlled by the spinal cord e.g. Pulling our hand away if accidentally touched by a hot object.

- b) Write 3 ways to take care of your eyes .

Ans:----1) We should wash our eyes daily with clean water.

2) Do not read in a very dim light and in a moving vehicle. It strains your eyes.

3) Never rub your eyes with dirty hands or handkerchief. It may cause infection.

c) Name the different constituents of blood.

Ans :--- Blood consist of 3 types of cells floating in a liquid called plasma. These cells are

- 1) Red blood cells
- 2) White blood cells
- 3) Platelets

d) What is heart?

Ans :-- Heart is a muscular organ which pumps blood to all the parts of our body through the blood vessels.

(B) Long answer questions : (Any one) (4)

a) What is skeletal system ? Write its functions.

Ans:---- The frame work of bones that gives shape ,support and strength to our body is called skeletal system.

Functions of the skeletal system :--

- 1) It gives shape, strength and support to our body.
- 2) It protects the delicate internal organs of our body like brain, heart ,lungs and spinal cord.
- 3) It helps to move our body with the help of muscles.
- 4) Bones help in the formation of RBC's

b) List the differences between arteries and veins .

Ans:--- Arteries	Veins
1) Arteries carry blood from heart to Various body parts.	1) Veins carry blood from different parts to heart.
2) Arteries carry oxygen rich blood except pulmonary Pulmonary artery.	2) Veins carry carbon dioxide rich blood except Vein.
3) In arteries blood flow with high speed and under high pressure.	3) In veins blood flow with low speed and under low Pressure.
4) The walls of arteries are thick and more elastic.	4) The walls of veins are thin and less elastic.
5) They are deeply seated.	4) They are not deeply seated.