



BAL BHARTI SCHOOL, BAHADURGARH
ACADEMIC SESSION 2019-20
HALF - YEARLY EXAMINATION
SUBJECT: SCIENCE
CLASS: V

Duration : 3 hours

Date: 16.09.2019

MM:80

General Instructions:-

1. This question paper consists of four pages and thirty six questions.
2. There are three sections – A, B and C.
3. Section A- has twenty questions, each question carries one mark.
4. Section B – has ten questions, each question carries three marks.
5. Section C – has six questions, each question carries five marks.
6. Give examples and draw diagrams wherever necessary.
7. Attempt all the questions.

SECTION - A

Q1. Pick the odd one out.

[½ x2 =1]

- | | | | |
|-------------------|------------|---------------------|-------------|
| a. i. Coconut | ii. Madar | iii. Hiptage | iv. Cotton |
| b. i. Water vapor | ii. Oxygen | iii. Carbon dioxide | iv. Methane |

Q2. a . The animals that gnaw the food are called

[½ x2 =1]

b. A butterfly is able to suck nectar through

Q3. Draw two Road Signs.

[1]

Q4. Mention two causes of water pollution.

[1]

Q5. Give two suggestions to reduce Global Warming.

[1]

Q6. Name two things that do not have any nutritious value but are very much required for us to keep our digestive and excretory system function properly and keep us healthy.

[1]

Q7. Sunita brought a beautiful rubber plant from Andaman islands when she went for a tour with the school. She planted it at her home in Rajasthan. She took care of the plant very nicely, but it could not survive. She cried a lot and asked her teacher the reason for its death. What could be the probable reason behind its death?

[1]

Q8. Mention two harmful effects of water pollution.

[1]

Q9. How many muscles are required to move a bone?

[1]

Q10. What is the importance of the jelly like substance that is present in our bones?

[1]

Q11. Name two water- borne diseases.

[1]

Q12. How does air pollution affect our health?

[1]

Q13. Pick the statement that is not true about the soil –

[1]

- i. It is the medium of plant growth.
- ii. It is the most important natural resource.
- iii. It carries information.
- iv. It supports life on the earth.

Q14. Name the deficiency disease that is caused due to the deficiency of –

[½ x2 =1]

- | | |
|--------------|---------------|
| i. Vitamin A | ii. Vitamin C |
|--------------|---------------|

Q15. Correct the following statements.

[½ x2=1]

- i. The earth is enveloped with a thick blanket of gases called surroundings.
- ii. Multi – purpose dams help us in increasing production of fish, agricultural products, hydro-electricity etc. and increase soil erosion.

Q16. Suggest the best method of farming that can be practised on mountain regions.

[1]

Q17. Name two things that are readily available in our surroundings and are commonly used as fire extinguishers. [1]

Q18. Mention four materials that are highly inflammable. [1]

Q19. Which two activities according to you can keep us fit and fresh? [1]

Q20. i. A chemical that is injected into a healthy human blood to prevent us from dangerous diseases is called a [$\frac{1}{2} \times 2=1$]

ii. The disease causing microbes are called

SECTION - B

Q21. Choose the correct answer. [$\frac{1}{2} \times 6=3$]

a. Land pollution is caused due to –

i. Mining ii. Over grazing iii. Industrialization iv. Burning garbage in open v. All of the above

b. The ill effects of Noise pollution –

i. Fever ii. Headache iii. Indigestion iv. Obesity v. Beri - Beri

c. Oil spills in oceans and seas cause –

i. Air pollution ii. Water pollution iii. Land pollution iv. Noise pollution v. None.

d. Forests help to conserve –

i. Land ii. Water iii. Environment iv. All v. None

e. It is used to support the arm in case of a fracture –

i. X-Ray ii. Splint iii. Sling iv. Syringe v. Ligament

f. Number of bones present in the human body –

i. 106 ii. 206 iii. 306 iv. 406 v. 506

Q22. Identify the picture and write about its feeding habits and type of reproduction. [3]



Q23. Give one example of each of the following:

[½ x 6=3]

- a. Plant that reproduces from leaves
- b. Natural Pesticide
- c. Migratory animal
- d. Movable joint
- e. Seeds that are dispersed by water
- f. Natural agents of soil erosion

Q24. Complete the cross word puzzle box.

[½ x 6 = 3]

S.No.	Organism	Breathing Organ	Organs of Movement	Body Covering	Feeding Habit	Type of Reproduction
1.	Sheep	Lungs	Limbs	.....	Grass, leaves	.....
2.	Mosquito	Lungs	.....	Wings, skin	.....	By laying eggs
3.	.....	Lungs	Limbs	Shell	Grass, leaves	By laying eggs
4.	Microbes	.....	Body surface	Thin membrane	Consume nutrients from surroundings	By multiple division

Q25. Define the following terms:

[1x 3 = 3]

- a. Ligament
- b. First Aid
- c. Habitat

Q26. Give reasons:

[1 ½ x 2= 3]

- a. Reena was suffering from chicken pox. She could not attend the school for a week. After one week, when she came to school she had some scabs on her face. Her teacher told her not to attend school for at least another ten days. Why did the teacher ask her to stay at home for ten more days?
- b. Never throw water to put off an electric fire.

Q 27. Mention two differences between the following:

[1 ½ x 2 = 3]

- a. Manure and Fertilizer.
- b. Migration and Hibernation.

Q 28. Complete the following statements.

[1 x 3 = 3]

- a. Cotton plants grow best in –
- b. A tough elastic tissue present in the joints to prevent rubbing of bones against each other -
- c. The development of a seed into a seedling is called –

Q29. Jenefer ate a guava and threw all its seeds at one place in her garden so that she could

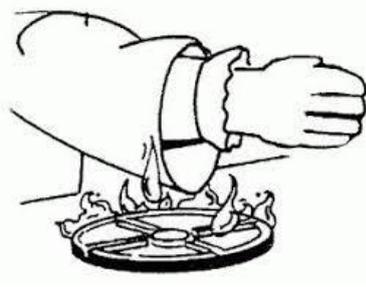
[3]

get a large number of guava plants, but only a few seedlings germinated.
Why do you think this happened?

Q30. a. Write about the first aid to be given in case of a snake bite.

[1 ½ x2=3]

- b. Watch the pictures, identify the injury and write about the first aid given.



SECTION - C

Q31. Mention any one important function of each of the following: [1x 5=5]
a. Cover Crop d. Carbohydrates

b. Proteins e. Skeletal system

c. Green House Gases

Q32. Describe the working of Ball and Socket joint with the help of a neat labelled diagram and examples. [5]

Q33. With the help of a neat labelled diagram explain how a frog is able to live both in water and on the land? [5]
[or]

With the help of a neat labelled diagram explain how a fish is able to live in water where as a deer cannot live?

Q34. a. Mention one important safety measure to be taken – [3 + 2=5]
i. On the road ii. At home iii. In the play ground
Pg 5/6

b. Mention two measures to be taken to prevent diseases.

Q35. Differentiate between the Communicable diseases and Non - Communicable diseases in detail. Give suitable examples. [5]

Q36. a. Observe the picture, identify and name the method of reproduction. [3 + 2=5]
Mention two advantages of this method.



b. Read the paragraph given below and mention two causes of soil formation.

Weathering and erosion break down rocks into particles of various sizes due to heat of the sun, rain, wind, snow fall and various human activities leading to the formation of soil. Transportation of the loosened rock materials from one place to another by various agents such as water, wind, glaciers, etc., in the form of sediments and deposition of the accumulation of sediments that are transported previously from a different area, leads to the formation of soil. Micro-organisms living in the soil cause the decomposition of dead plants and animals and thus add to the soil and makes the soil rich.