

**DAV PUBLIC SCHOOLS, ODISHA ZONE
HALF YEARLY EXAMINATION, 2023-24**

- Please check that this question paper contains **03** printed pages.
- Check that this question paper contains **10** questions.
- Write down the Serial Number of the question in the left side of the margin before attempting it.

**CLASS : V
SUBJECT : SCIENCE**

Time : 2 Hours

Maximum Marks : 50

General Instructions:

- Read the question paper carefully.
- This question paper contains 10 questions and 3 sections. Section A contains 1 mark questions, section B contains 2 mark questions and section C contains 3 & 4 mark questions.
- Write in neat and legible handwriting.
- Verify your answers before submission.
- There are some choice based questions. Attempt any one question in such cases.

SECTION-A

1 Choose the most appropriate answer. (1x5=5)

- a) 'X' is a kind of joint. 'X' is found between the skull and the first two vertebrae of the spine. Identify 'X'
- (i) Hinge joint (ii) Ball and socket joint (iii) Pivot joint (iv) Gliding joint
- b) If coconut : water , then cockleburr : _____
- (i) wind (ii) animal (iii) bursting (iv) insects
- c) The forest product that is used to make chopsticks, scaffold and toothpicks.
- (i) Tendu leaf (ii) Bamboo (iii) Resins (iv) Rubber

- d) Kasturi, an ingredient of perfume is obtained from-
- (i) Mountain goat (ii) Sheep
(iii) Yak (iv) Musk deer
- e) Which gas is filled in chips packets?
- (i) Nitrogen (ii) Helium (iii) Hydrogen (iv) Carbon dioxide

Q2. Fill in the blanks. (1x5=5)

- a) Micropyle allows _____ to enter inside the seed.
b) A light weight narrow boat is called _____.
c) Inadequate and improper diet leads to a state of _____.
d) The smallest bone present in the human body is _____.
e) Rhinoceros are slaughtered for their _____.

Q3. Express in one or two word/s. (1x5=5)

- a) A pigment found in blood that transports food and oxygen -
b) A group of very similar plants or animals -
c) Programme to promote afforestation in India -
d) Signs that indicate a disease -
e) Removal of moisture from the food done for their preservation -

Q4. Answer the following questions. (1x4=4)

- a) State the conditions necessary for development of a forest in a place.
b) Define wildlife trade with a suitable example.
c) Name two communicable diseases that can be prevented by vaccination.
d) Why do food stay fresh for longer time when stored in a refrigerator ?

SECTION-B

Q5. Answer the following questions. (2x3=6)

- a) Explain the structure of ball and socket joint. How does it work in your body?
b) State any two importance of vegetative reproduction in plants.
c) Differentiate between communicable and non-communicable diseases with examples.

OR

Write any two symptoms of protein - carbohydrate deficiency disease.

Q.6. Give reason. (2x2=4)

- a) We should eat a balanced diet.
- b) We feel pain when any of our bones get hurt.

OR

Our bones do not scratch or bump against each other when we move.

SECTION-C

Q7. Answer the following questions. (3x2=6)

- a) i. Define photosynthesis.
- ii. List the raw materials needed by green plants for photosynthesis.
- b) Define – Food preservation. Also list any two advantages of food preservation.

OR

Explain any three causes of spoilage of food.

Q.8. Value Based Question. (1+1+1=3)

“Nature has enough for everyone’s need but not for everyone’s greed”. Nature enables the seeds to move over to other places through various agents which plays an important role in increasing the number of plants all over the Earth.

- i. Define seed dispersal.
- ii. Name at least two agents of seed dispersal.
- iii. State the value depicted in the above situation about nature.

Q.9. Answer the following questions. (4x2=8)

- a) Suggest any four steps to prevent cruelty to animals.
- b) i. Forests are known as the 'lungs of Earth'. Justify it.
- ii. How is National park different from wildlife sanctuary? (Any two points)

Q. 10. Draw the labeled diagram of inner view of human eye. (4x1=4)

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