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**Roll No. :**

**DAV PUBLIC SCHOOLS, ODISHA ZONE –I**

**TERM- 1 / HALF YEARLY EXAMINATION, 2018-19**

* This question paper contains 3 number of pages and 36 number of questions
* Write down the Serial Number of the question in the left side of the margin before attempting it.
* 15 minutes cooling time has been allotted to read this question paper only and do not write any answer on the answer book during this period.
* Answer must be written with a legible handwriting.

**CLASS – V**

**SUB: SCIENCE**

Time: 3 Hours Maximum Marks: 80

**General Instructions :**

* ***All questions are compulsory.***
* ***The question paper consists of 36 questions divided into four sections A, B, C and D.***
* ***Section A contains 15 questions of 1 mark each, section B contains 8 questions of 2 marks each, section C contains 8 questions of 3 marks each and section D contains 5 questions of 5 marks each.***
* ***Marks for each question are indicated against the question.***

**Section - A**

[1] Which of the following disease causes joint pain, swelling and stiffness ? (1)

(i)fever (ii)night-blindness (iii)arthritis (iv)dengue

[2] This plant reproduces through root . (1)

(i) cactus (ii)Asparagus (iii)rose (iv)amla

[3] How much percentage of the world’s ancient forests is left on earth ? (1)

(i)80 (ii)50 (iii)30 (iv)20

[4] A delicacy made from the unfertilized eggs of a variety of fish is the \_\_ (1)

(i)kasturi (ii)caviar (iii)pashmina (iv)tusk

[5] Swelling of the neck region takes place when a person is suffering from (1)

(i)goitre (ii)anaemia (iii)rickets (iv)beri-beri

[6] Fruits and vegetables get ripened due to the action of \_\_\_ (1)

(i)enzymes (ii)bacteria (iii)fungi (iv)viruses

[7] Name the longest bone present in the human body. (1)

[8] Give two examples of hinge joints present in our body. (1)

[9] List two conditions required for seed germination. (1)

[10] Give examples of two plants which reproduce through underground stem.(1)

[11] Write two things which are made up of bamboo. (1)

[12] Give two examples of medicinal plants. (1)

[13] Define endangered animals. (1)

[14] Give two examples of extinct animals. (1)

[15] Classify the following diseases into communicable or non-communicable .(1)

(i) Goitre (ii) Typhoid

**Section – B**

[16] Define the terms cartilage and ligament . (2)

[17] Name the two methods of reproduction found in plants. (2)

[18] Write two special products which are obtained from forests. (2)

[19] Name two animals that can become man eaters. (2)

[20]Give two examples of diseases that are spread by mosquitoes. (2)

[21]What is likely to happen to curd, if it is not stored in the refrigerator ? (2)

[22] ‘Food stay fresh for a longer time when stored in a refrigerator’. Why?(2)

[23] Distinguish between dehydration and refrigeration. (2)

**Section - C**

[24] Explain the functions of human skeletal system. ( 3 points ) (3)

[25] Classify the following plants on the basis of their method of seed dispersal.

(3)

[ **dandelion, coconut, hydrilla, lotus, madar, thistle ]**

(a) Dispersal by water.

(b) Dispersal by wind.

[26]Why are forests known as the “ lungs of the earth “ ? Explain. (3)

[27] Suggest any three steps to prevent cruelty to animals. (3)

[28] Ram was suffering from chickenpox. His teacher advised him not to come to school till he was recovered completely. Why ? (3)

[29] Suggest three measures that can help us to prevent the occurrence of deficiency diseases. (3)

[30] Ramesh bought two raw apples. He kept one apple in the refrigerator and other apple on the kitchen shelf. Which one will ripen first and why ? (3)

[31] Explain pasteurization. (3)

**Section - D**

[32] (a)How does a ball and socket joint work ? (2+3)

(b)Why is bone marrow known as the factory for making blood cells ?

[33] (a) What do you mean by seed germination ? (1+4)

(b) Show the different stages of germination in a bean seed with the help of diagrams.

[34]Write five harmful effects of deforestation. (5)

[35] State any five ways in which animals are useful to us. (5)

[36] Akash, a student of std. V recently has been facing difficulty in reading the black-board text in the dim light. One day he shared this thing with her mother. His mother immediately took him to an eye specialist for treatment. The doctor diagnosed that, Akash is suffering from eye defect due to vitamin deficiency . He advised him to eat food full of green vegetables and fruits and also to take a balanced diet. Akash is now better and has also started a balanced diet.

(a)Name the eye defect Akash is suffering from ? (5)

(b)What did the doctor advise Akash ?

(c)State any two values shown by Akash .