

JIYA LAL MITTAL DAV PUBLIC SCHOOL

GRADE – V SA-I (Sept, 2015)

SUBJECT – SCIENCE

TIME: 3hrs

MM: 90

General Instructions:

1. All questions are compulsory.
2. Handwriting should be clean and neat.
3. Internal choice in part-VI only.
4. Attempt the paper in serial order.

I. MCQ's (1X6=6)

- 1) Light enters the eyes through the –
(a) pupil (b) cornea
(c) retina (d) iris
- 2) Which of these plants has only one cotyledon –
(a) gram (b) pea
(c) wheat (d) bean
- 3) Deforestation results in –
(a) Soil erosion (b) floods
(c) low rain fall (d) all of these
- 4) Which of these animals is extinct?
(a) Bactrian camel (b) Golden lion
(c) panda (d) Quagga
- 5) Germs of common cold spread through –
(a) Air (b) water
(c) soil (d) mosquitoes
- 6) A person having swollen and bleeding gums, might be suffering from –
(a) Rickets (b) scurvy
(c) beri-beri (d) anemia

II. Very Short Question Answers: (9X1=9)

- 1) Name the main part of the skeletal system.
- 2) Name the pigment present in green leaves of a plant.
- 3) Who started Chipko Andolon?
- 4) When was forest conservation enacted?
- 5) Write full form of PETA.
- 6) How are human beings destroying the natural surroundings of wild animals?
- 7) Define health.
- 8) What is the function of hemoglobin?
- 9) Write two symptoms of the disease 'Beri-Beri'.

III. Fill ups:- (9X1=9)

- 1) The backbone protects the _____.
- 2) _____ are known as food factories of the plant.
- 3) Forests absorb large amounts of _____ gas.
- 4) Food chains are found in all _____.
- 5) For early man, forests were a source of _____ and _____.
- 6) Kasturi is an ingredient of _____ deer.
- 7) _____ is the largest bird sanctuary in Asia.
- 8) Minerals are present in _____ amounts in our body.
- 9) Insects make their home in _____ and _____ places.

IV. True/False. (9X1=9)

- 1) Eye is the largest sense organ of our body.
- 2) Stomata are the tiny pores present on leaf surface.
- 3) Deforestation result in decrease in amount of carbon dioxide.
- 4) We should not treat animal with love and care?
- 5) Passenger pigeon is example of endangered animal.
- 6) Forests provide us wood only.
- 7) Chandi Prasad Bhatt started the Chipko Andolan.
- 8) Goitre is caused due to deficiency of iodine.
- 9) Vinegar is used in pickled products.

V. Short Question Answer: (9X3=27)

- 1) Give any three reasons for spoilage of food.
- 2) Why are deficiency diseases called non-communicable diseases?
- 3) What is wildlife trade? Why is it harmful?
- 4) How do forests prevent soil erosion?
- 5) State different methods of vegetative reproduction and give two examples of each?
- 6) Explain function of backbone.
- 7) Define:
(a) Cartilage (b) Inhalation (c) Breathing
- 8) What is Van Mahotsav?
- 9) State two factors that contribute to the fast growth of micro-organisms.

VI. Long Question Answers: (6X5=30)

- 1) (a) Name:
(i) Longest bone
(ii) Types of blood cells
(iii) Smallest bone

(b) Why is bone marrow known as factory for making blood cells?
Or
Draw a neat and clean labeled diagram of human breathing system.
- 2) List the importance of food preservation.
Or
What are the causes of spoilage of food?
- 3) Suggest some measures that can help us to prevent the occurrence of deficiency diseases.
- 4) Define photosynthesis with diagram.

5) State any five ways in which animals are useful to us.

Or

Differentiate between extinct and endangered animals.
Give two examples of each.

6) List five harmful effects of deforestation.

Or

How can we contribute towards protection of forests?