

Roll No.....

Total No. of Questions: 08

Total No. of Pages : 3

Class 8th
Term 1st 2019
Science

Series B

Max. Marks: 30

Time: 2:30 Hrs.

Long Answer Type Questions

- Q1) Draw a labelled diagram of a plant cell. What are the common features possessed by both plant cells and animal cells?

Or

What are unicellular organisms? How are they different from multicellular organisms? Name one unicellular organism and one multicellular organism.

- Q2) You might have noticed the shape of the iron nail and aluminum wire changed on beating, if beaten harder they can be changed to sheets. This property of metals is known as malleability. Complete the table of physical properties of metals and non-metals given below. One is done for you.

	Property shown by Material	Metals or Non-Metals	Property known as	Two Examples of Materials
	They can be beaten into thin sheets.	Metals	Malleability	Aluminum and Iron
a)	They have a shiny appearance.			
b)	They can hold large weights without breaking			
c)	They cannot be drawn into wires.			
d)	They can be cut easily.			

Or

What happens when

- a) Dilute sulphuric acid is poured on a copper plate.
- b) Iron nails are placed in copper sulphate solution.

Write equations of the reactions involved.

(4 x 2 = 8)

Short Answer Type Questions

Q3) What are non-contact forces? Briefly explain electrostatic force.

Q4) Prepare a table having two columns depicting names of endocrine glands and hormones secreted by them.

(2 x 3 = 6)

Very Short Answer Type Questions

Q5) What do you understand by vaccine? Name some diseases that can be prevented by vaccination.

Q6) Why natural gas is called a clean fuel?

Q7) What is Red Data Book?

(3 x 2 = 6)

Q8)

a) Fill in the blanks with the appropriate words given:

- i) The heavenly bodies which revolve around the planets are called _____.
- ii) Force per unit area is called _____.
- iii) The pressure exerted by _____ around us is known as atmospheric pressure.

b) Choose the correct answer.

iv) Carrier of malaria-causing protozoan is

- a) butterfly
- b) female Anopheles mosquito
- c) cockroach
- d) housefly

v) A list of mediums is given below:-

- i) Wood ii) Air iii) Water iv) Vacuum

In which of these mediums can sound travel?

- a) i & ii only
- b) iii & iv only
- c) i, ii & iii only
- d) i, iii & iv only

vi) The right meal for adolescents consists of

- a) Chips, noodles, coke
- b) Chapatti, dal, vegetables .
- c) Rice, noodles and burger
- d) Vegetable cutlets, chips and lemon drink

vii) Which of the following reproduces only inside a host cell?

- a) Bacteria
- b) Virus
- c) Fungus
- d) Amoeba

State whether true or false.

- viii) Pole star is nearest to our solar system. (T/F)
- ix) Generally, non-metals react with acids. (T/F)
- x) All living organisms are made of cells. (T/F)

(10 x1= 10)