

HALF YEARLY EXAMINATION, 2018-19

SCIENCE

Time : 3 hrs.

Class – VIII

M.M. : 80

Date – 19.09.2018 (Wednesday)

Name of the student _____ Section _____

General Instructions :

- Read the question paper carefully.
- All questions are compulsory.
- The question paper comprises section A and section B. Section A carries descriptive type questions and section B carries multiple choice questions.
- Write the answers in sequence.
- Draw diagrams wherever required.

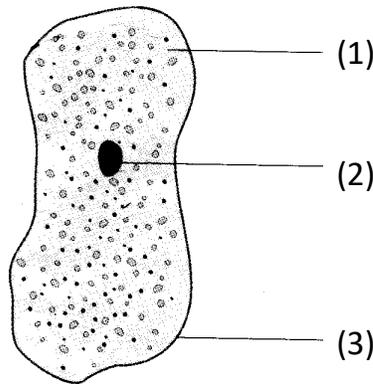
SECTION-A

- Q.1** Name the two types of animal tissue. (1)
- Q.2** What are the polymers used in non-stick kitchenware and pipes? (1)
- Q.3** Mention two ways in which bacteria are helpful to us. (2)
- Q.4** Name the organs of the female reproductive system in human beings. (2)
- Q.5** Mention two uses of noble gases. (2)
- Q.6** a) Why are animal proteins considered to be better than plant proteins? (2 + 1)
b) What is harvesting?
- Q.7** a) Why do we stain specimens before viewing them under a microscope? (1+1+1)
b) What is a vacuole?
c) What are unicellular organisms? Give one example.
- Q.8** Sunita loves to wear the clothes made up of synthetic fibres. Once, she was working in the kitchen her mother advised her not to wear synthetic clothes while working in the kitchen. She changed her clothes. (3)
a) Why does Sunita love to wear the clothes made up of synthetic fibres?
b) Why did Sunita's mother advise her not to wear synthetic clothes while working in kitchen?
c) What are the values exhibited by Sunita's mother ?
- Q.9** a) What does the Sargasso Sea owe its name to? (1+1+1)
b) How do some microorganisms survive in unfavourable conditions?
c) What are sporangia?
- Q.10** Draw a well labelled diagram of any one of the following : (3)
The structure of a candle flame OR Floating-dome biogas plant

- Q.11** a) What are endocrine glands? What do they do? (2 +1)
 b) When is the embryo referred to as the foetus?
- Q.12** a) What happens when iron nails are placed in copper sulphate solution? (1+2)
 b) Why can't we use a cooking utensil made of cardboard?
- Q.13** a) Why is the cutting edge of a knife made sharp? (1+2)
 b) Mention two disadvantages of friction between the parts of a machine.
- Q.14** Mention three disadvantages of using coal as a fuel. (3)

OR

- a) Why should the ignition temperature of a fuel not below room temperature? (1)
 b) Define calorific value of a fuel with one example. (2)
- Q.15** a) Sodium and Potassium are stored in kerosene. Give reasons. (1+2)
 b) Name a non-metal which when red-hot reacts with steam. What happens as a result of the reaction?
- Q.16** Label the parts given below from 1 to 3 and answer the questions. (1½)



- a) Give suitable heading of the given diagram. (1)
 b) What is cell membrane? (1)
 c) What is cytoplasm? What does it consist of? (1½)
- Q.17** a) What is fumigation? (1+2+2)
 b) Why is crop rotation considered as a good agricultural practice?
 c) Mention two ways of removing weeds from the crop field.
- Q.18** a) Sheetal watched her grandmother making mango pickle. After she bottled the pickle, her grandmother poured oil on top of the pickle before closing the lid. Sheetal wanted to know why oil was poured? (1+2+2)
 b) Name two diseases caused by virus.
 c) How does Paramecium move and feed?
- Q.19** How is the sex of a foetus determined? Why is it prohibited by law? (5)

OR

What do you understand by 'gender roles'?

