



Class : VIII Student's Name: Roll. No.

Subject : Science Date : 12/10/2018 Max. Marks : 80 Time : 3 Hrs.

Invigilator's Name:.....Sign:.....

General Instructions:

- The first 15 minutes have been allotted for reading this question paper. These 15 minutes have to be used by the candidates for thorough silent reading of the question paper. During this period, the students will not write any answer on the answer- book and the question paper. The students should start writing on the next stroke of the bell.
- Write in neat and clean handwriting. All questions are compulsory.
Question 1 to 2 are very short and carry 1 mark each. They are to be answered in one word or in one sentence.
Question 3 to 11 are short answers and carry 2 marks each. They are to be answered in 30 words.
Question 12 to 21 are short answer and carry 3 marks each. They are to be answered in 50 words.
Question 22 to 27 are long answer type and carry 5 marks each. They are to be answered in 70 word.
Answer should be complete and precise.

- Q.1. Give two main uses of polyester fibre. (1)
- Q.2. Define : Endemic species. (1)
- Q.3. Why is the land ploughed and levelled before sowing seeds? (2)
- Q.4. What is fermentation?. Write commercial use of it. (2)
- Q.5. Write the differences between thermoplastic and thermosetting plastic. (2)
- Q.6. Classify the following into metals and nonmetals: Iodine, Oxygen, Lead, Mercury, Carbon, Sulphur, Aluminium, Silicon. (2)
- Q.7. On the basis of availability, how are natural resources classified? Explain. (2)
- Q.8. State the conditions necessary for combustion. (2)
- Q.9. What are the migratory birds? Name two such birds. (2)
- Q.10. Draw an Amoeba and label it. (2)
- Q.11. Draw the life cycle of a frog. (2)
- Q.12. Describe internal and external fertilisation . (3)
- Q.13. Mention the functions of Mitochondria, Ribosomes, Golgi bodies and Lysosomes. (3)
- Q.14. What are Biosphere reserves? Write the objectives of setting up Biosphere Reserves. (3)
- Q.15. List the characteristics of an ideal fuel (3)

- Q.16.** Distinguish between manure and fertilizer. (3)
- Q.17.** What is irrigation? Explain briefly two best methods of irrigations. (3)
- Q.18.** Write the beneficial actions of (a) bacteria (b) fungi (c) algae (3)
- Q.19.** Write the characteristic properties of synthetic fibres. (3)
- Q.20.** Write one use each of any 6 nonmetals. (3)
- Q.21.** Name any three fractions and their use of petroleum. (3)
- Q.22.** With the help of a neat labelled diagram explain Nitrogen cycle. (5)

OR

Explain the various ways in which microorganisms are useful.

- Q.23.** Compare physical properties of metals and nonmetals. (5)

OR

Give uses of metals.

- Q.24.** With the help of a neat labelled diagram describe various zones of a candle flame. (5)

OR

With the help of a neat diagram explain refining of petroleum.

- Q.25.** (a) Write the differences between plant cell and animal cell. (3)
- (b) draw a neat labelled diagram of a plant cell. (2)

OR

Draw a neat labelled animal cell and explain the structure and functions of nucleus. (5)

- Q.26.** Describe reproductive organs of a human male. (5)

OR

Describe the various asexual reproduction.

- Q.27.** On the basis of given diagram answer the following questions. (5)

- (a) Name the process.
- (b) Name the product obtained.
- (c) Write the components of coal gas.
- (d) Give the use of solid product obtained from the Process.


