

Question Paper SA–II
(2014-2015) Set B
CBSE Class 8 SCIENCE

General Instructions:

- The questions paper comprises two sections A and B. You are to attempt both the sections.
- All questions are compulsory.
- Q No 1, 4, 5, 6 and 7 carry marks each. Q No 1 is to be defined separately and Q No 4, 5, 6 and 7 are to be answered in 30 words each
- Q No 1 carry 1 mark each. You have to answer in one or two sentences.
- Q No 8, 9, 10 and 11 section A carry 3 marks each. You are to answer these in 40 words.
- Q No 12 in section A carry 5 marks
- Q No 13 has 6 questions in section – B. Each question carry 1 mark. These are MCQ questions.

SECTION – A

1. Define: (4*2=8)

- a) Ignition Temperature
- b) Frequency
- c) Desertification
- d) Exhaustible Natural Resources

2. Write Reasoning. Why? (1*5=5)

- a) Water is not used to control fires involving electrical equipment's.
- b) LPG is better domestic fuel than wood.
- c) Paper by itself catches fire easily whereas a piece of paper wrapped around an aluminum pipe does not.
- d) We cannot listen screaming of bat.
- e) During lightening, we see light first and after a while, we hear sound.

3. Draw well labeled diagram of the following: (2*3=6)

a) A candle flame b) Human Eye

4. What is Coal Tar. Write any two uses. (2)

5. Differentiate Flora and Fauna (2)

6. State Law of Reflection. (2)

7. Name two objects other than Planets which are the members of Solar System (2)

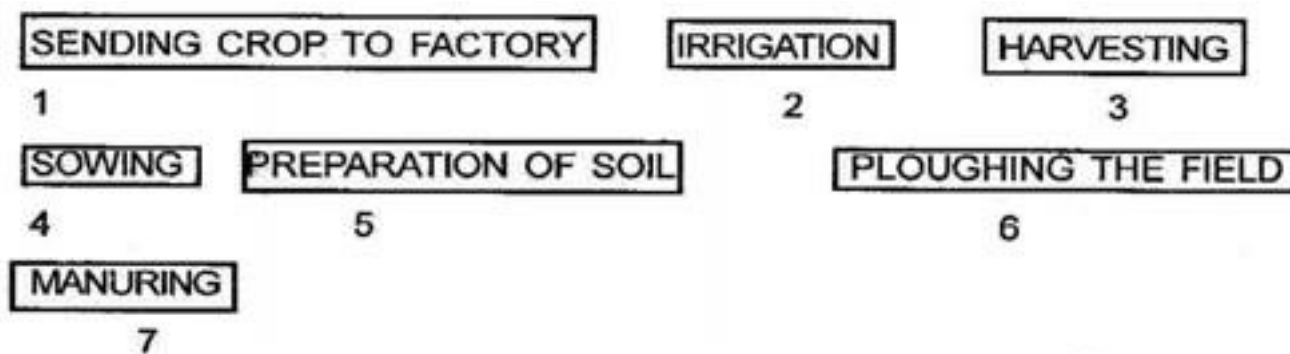
8. What do you mean by Fertilization? Differentiate between External and Internal Fertilization.

9. Name three states in India where earthquake is more likely to strike. (3)

10. What advises are given to people by Petroleum Conservation Research association (PCRA) to save Petrol/Diesel while driving Vehicles on Road. (3)

11. What is asexual reproduction? Describe two methods of asexual reproduction on in animals. (3)

12. a) Arrange the following boxes in proper order to make a flow chart of Sugarcane Crop Production. (3+2=5)



b) Give two examples of each

(i) Rabi Crop (ii) Kharif Crop

13. Is the present sanitary condition in the school is adequate for good hygienic condition? Also, write the ways to improve the sanitary conditions in schools. (1*5=5)

14. a) What was the purpose of sending Mangalyan to MARS? (1*5=5)

b) Mention 3 salient features of climate of Mars ($1 \times 6 = 6$)

SECTION – B

15. Choose the correct answer. (MCQ)

(i) A tadpole develop into adult frog by the process of:

- a) Fertilization
- b) Metamorphosis
- c) Embedding
- d) Budding

(ii) The number of nuclei present in a zygote is:

- a) One
- b) Four
- c) Two
- d) None of these

(iii) Voice of which of the following is likely to have minimum frequency

- a) A Baby girl
- b) Baby boy
- c) A man
- d) A woman

(iv) Sound can Travel through

- a) Gases only
- b) Solids only
- c) Liquids only

d) Solid, liquid and gas

(v) Which of the following cannot be charged easily by friction:

a) A plastic scale

b) A copper Rod

c) An inflated balloon

d) A woolen

(vi) Image formed by a plane mirror is

a) Virtual, behind the mirror and enlarged

b) Virtual, behind the mirror and of the same size as the object.

c) Real, at the surface of the mirror and enlarge

d) Real, Behind the mirror and enlarge.