

**Question Paper SA–I**  
**2016–17 Set B**  
**CBSE Class 8 Science**

**General Instructions:**

- All question are Compulsory.
- This Question Paper Contains 32 Question.

1. Expand C.N.G. (1)
2. What is a crop? (1)
3. Define fermentation. (1)
4. Write the use of 2, 4 – D. (1)
5. If ‘N’ in ‘Pink’ is Nitrogen, then what are ‘P’ and ‘K’? (1)
6. Write the name of the carrier of dengue microbe. (1)
7. Which of the man – made fibre is known as artificial silk. (1)
8. PET is a form of which synthetic fibre? (1)
9. Which season suits paddy cultivation? (1)
10. These days which petroleum product is used for metaling the roads? (1)
11. What precautions should the farmer take during spraying of weedicides? (2)
12. Make a sketch of Rhizopus (Bread mould). (2)
13. Enlist each of the ‘R’ in the 4Rs. (2)
14. Illustrate the cross – linked arrangement in synthetic fibres with the help of a diagram. (2)
15. Write any two advantage of using CNG as a fuel. (2)

16. Write the name of any two natural resources. (2)

17. Complete the fill-ups in the following passage: (2)

Petroleum is a ..... and ..... liquid. It has an ..... odour. It is a ..... of components like petrol, diesel, paraffin wax, etc.

18. On the basis of sources distinguish between natural fibres and synthetic fibres. (2)

19. Explain how Kharif crops are different from rabi crops. Write example. (3)

20. Define weeds. Describe in brief any two methods of controlling them. (3)

21. Write the name of causative organism and mode of transmission of malaria. Also suggest two general preventive measures. (3)

22. (i) Write any two differences between thermos plastics and thermos setting plastics. (3)

(ii) Explain why plastic container are favoured for storing food.

23. Write the name of any one antibiotic. From which two group of micro-organisms are they produced? Why are antibiotic added to the feed of livestock? (3)

24. We use sweaters, shawls and blankets made from acrylic in winter. Write three advantages of using acrylic over the natural wool. (3)

25. Enumerate the differences between inexhaustible and exhaustible natural resources. (3)

26. (i) Name the substance from which coke is obtained. (3)

(ii) Write the characteristics of coke. (iii) Enlist any two uses of coke.

27. Following is a table mentioning some petroleum products and their uses. Using the provided information identify A, B, C, D and E to complete the table. (5)

S. No.	Product	Uses
1.	A	Ointment, Candles
2.	Lubricating oil	B
3.	C	Fuel for home, industry

4.	D	Fuel for stove, lamps and jet aircrafts
5.	Diesel	E

28. Sketch the nitrogen cycle. (5)

29. Ritwik studies in class eleven. One fine day upon reaching home he found his younger brother vomiting and running high fever. The younger brother told him about having a stale samosa in the school canteen. He understood the problem and immediately took the younger brother to the nearby Mohalla Clinic. Now answer the following questions. (i) The Ritwik younger brother was suffering from which disease? (1) (ii) Write any two values shown by Ritwik. (2) (iii) Why should we not eat stale food? (2)

30. (i) Enlist the seven activities of agriculture practices in sequence. (5)

(ii) Name any one special festival associated with harvest season. (iii) What is animal husbandry? 31. What is irrigation? Briefly describe two methods of irrigation, which conserve water. (5)

32. (i) Write the name of any three common diseases of plants caused by micro organisms. (5)

(ii) Briefly describe pasteurization.