

**MAYOOR SCHOOL, AJMER**  
**EVS/ IV/Annual Examination/Monday/ March 9, 2009**  
**(Time Allowed- 2 Hours)**

**SRS-150**  
**MM-100**

**IV-A-NMS**  
**IV-B-MJK**  
**IV-C-SRS**  
**IV-D-TNB**

**NAME** \_\_\_\_\_ **CLASS** \_\_\_\_\_ **SECTION** \_\_\_\_\_

**GENERAL INSTRUCTION**

1. The question paper contains 18 questions and 10 printed pages.
2. All questions are compulsory.

**Q1. Fill in the blanks:** (3)

- a) Each gas is made up of very tiny particles called \_\_\_\_\_
- b) \_\_\_\_\_ in my mouth turns starch into sugar.
- c) \_\_\_\_\_ are pieces of ice falling with rain.
- d) Waste food is thrown out through the \_\_\_\_\_
- e) Burning things use up \_\_\_\_\_ gas.
- f) The \_\_\_\_\_ carries food to the stomach.

**Q2. Tick the right answer from the bracket.** (3)

- a) Air consists mainly of (nitrogen/oxygen)
- b) When we heat water, it evaporates ( faster/slower)
- c) (Solids/liquids) are things that flow.
- d) (Potato/Orange) has starch in it.
- e) Cooking gas cylinders contain (gas/liquid)
- f) (Ektara/Mridangam) makes music by beating.

**Q3. Write True or False for the following statements.** (3)

- a) All poisonous gases have a smell. \_\_\_\_\_
- b) Tiny drops of water make clouds. \_\_\_\_\_
- c) Kharif and Rabi are two main Indian cropping seasons. \_\_\_\_\_

d) The wind vane points towards the direction wind is going. \_\_\_\_\_

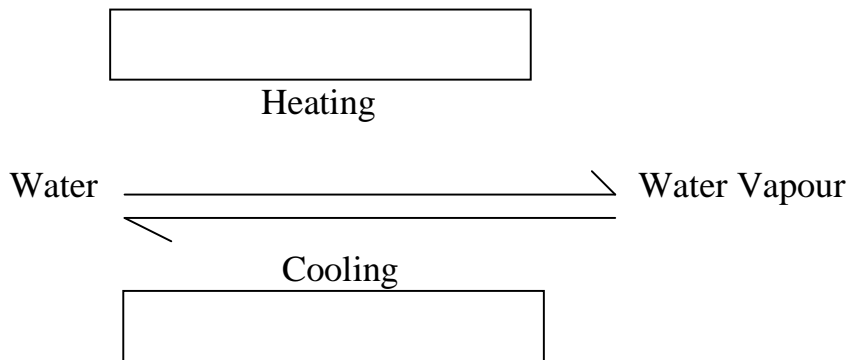
e) Oxygen gas dissolves in water. \_\_\_\_\_

f) Crops get damaged if it rains at harvest time. \_\_\_\_\_

Q4. Circle the items which would float on water. (1)

Sugar , sand , flower , oil , nail , wax , cotton , paint

Q5. Name the process in the boxes provided: (2)



Q6. Look at the picture and explain which property of water the experiment demonstrates: (2)

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Q7. Short answer questions: (7)

a) Name any two pesticides which are not harmful to us.

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b) Do you think there is air in the soil? Why do you think so?

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c) Would there be rain if there were no wind? Give reason.

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d) Can air make music? Name any 2 musical instruments which make music by blowing.

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e) Water evaporates from sea too. Why then are the rain drops not salty?

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f) Why is it easy to squeeze the balloon when its mouth is open, but difficult when its mouth is closed?

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g) Arrange these microbes from largest to smallest:  
Sore throat bacterium, cold virus, polio virus, mould, influenza virus

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Q.8 Give two similarities and two differences between: (12)

a) Ice and water vapour

(i) Similarities

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(ii) Difference

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b) A fruit and a vegetable

(i) Similarities

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(ii) Difference

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c) Flood and drought  
(i) Similarities

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(ii) Difference

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Q9. Answer these questions in brief

(10 x 2= 20)

a) Write 4 ways in which air is polluted?

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b) What do the farmers do before they transplant the rice seedling?

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c) Why do we need to plough the field before sowing seeds?

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d) What is manure? How will you prepare it?

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e). Write down 2 differences between how wheat and rice is grown?

| Wheat | Rice |
|-------|------|
|       |      |
|       |      |

f) What is weed? What is meant by weeding?

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g) Write the similarities between the shape of birds, fish and aeroplane?

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h) We use water for cleaning and washing things. Can we use any other liquid for cleaning? Why or why not?

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j) Name four ways in which wind is useful to us?

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k) Name and draw an instrument that measures temperatures?

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Q10. Write the part of the plant which we eat: (3)

a) Sugarcane \_\_\_\_\_

b) Onion \_\_\_\_\_

c) Cauliflower \_\_\_\_\_

d) Bajra \_\_\_\_\_

e) Spinach \_\_\_\_\_

f) Potato \_\_\_\_\_

Q11. Circle the odd one and give reason (6)

a) Onion, spinach, radish, carrot

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b) Football, balloon, cricket ball, bubble

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c) Milk, salt, ink, washing powder

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d) Ladyfinger, brinjal, apple, cabbage

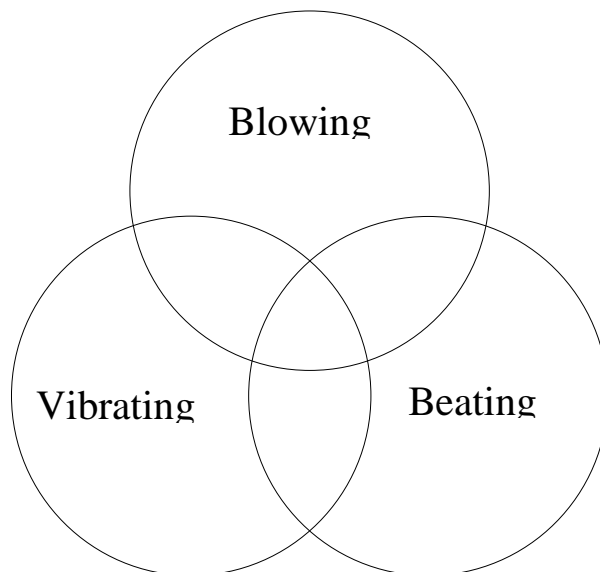
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Q12. What are the differences between the seeds that blow away easily and those that do not? Draw pictures to show difference. (3)

| Seeds that blow easily | Seeds that do not blow easily |
|------------------------|-------------------------------|
|                        |                               |
|                        |                               |
|                        |                               |

Q13. Sort out the given musical instruments into groups as shown in the diagram. Write each instruments number in the right place (5)

- a) Snake Charmer's been    b) Sarangi    c) Shehnai    d) Tabla    e)Ghatam  
 f)Bansuri    g) Veena    h)Harmonium i) Santoor    j)Guitar



Q14. Write short notes on

(10)

a) Microbes

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b) Transplanting

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c) Fertilizer

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d) Pest

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e) Digestive Juices

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Q15. Raju and Ravi setup their rain gauge on Sep 9 and measured the rainfall for 10 days. They recorded their reading in the graph given below (5)

a). How much change in water level did they find on Sep 10?

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b). How much rain did they record on Sep 14?

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c). On which days did they record 50mm of rain?

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d). On which days did they record the most rain?

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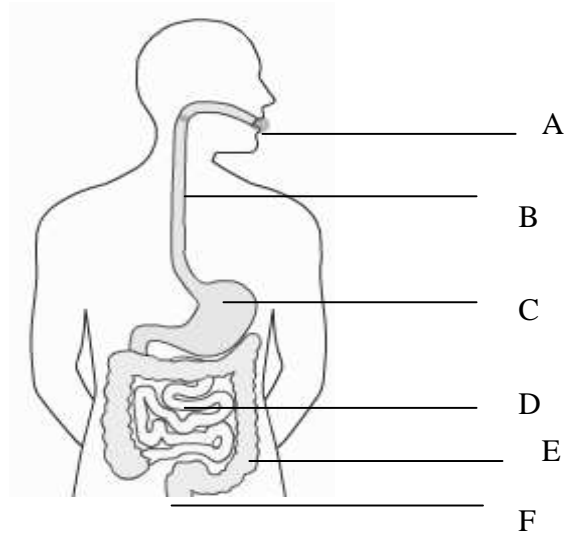
e). Write the dates of the days when they recorded less than 50mm rainfall?

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Q16. Name and draw any one farming or gardening tool. Write two sentences on it? (3)

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Q17. Label the human digestive system in the table provided and write the function (work) of each part? (9)



| Organ | Name | Function (Work) |
|-------|------|-----------------|
| A     |      |                 |
| B     |      |                 |
| C     |      |                 |
| D     |      |                 |
| E     |      |                 |
| F     |      |                 |

Q18. Draw and label the water cycle? (3)

