

**Mayoor School, Ajmer**  
**EVS /Class-V /Annual Examination /Monday, 2nd March 2009**  
**(Time Allowed – 2 hours)**

MJK -150  
M.M. - 100

V A-SRS  
V B-MJK  
V C-TNB  
V D-MJK

NAME \_\_\_\_\_ ROLL NO. \_\_\_\_\_

Q 1. Fill in the blanks: (5)

1. \_\_\_\_\_ is a plant which trap and digest insects.
2. \_\_\_\_\_ is a weapon which will come back to you if it does not hit anything.
3. The bullock pulls the weight with the \_\_\_\_\_ resting on its neck.
4. The part of United States between Canada and Mexico has \_\_\_\_\_ time zones.
5. \_\_\_\_\_ is a like a tube that joins the stigma to the ovaries.
6. \_\_\_\_\_ is the largest mountain in the solar system which is on \_\_\_\_\_
7. The heart pumps about \_\_\_\_\_ mill liters of blood with each heart beat.
8. \_\_\_\_\_ is the slowest rotating planet in the solar system.
9. The \_\_\_\_\_ is the only natural satellite of the earth.

Q 2. Match the column by putting numbers in the given box. (2.5)

- |                |                 |                      |
|----------------|-----------------|----------------------|
| 1. Earthworm   | frog            | <input type="text"/> |
| 2. Scurrying   | fresh leaves    | <input type="text"/> |
| 3. Dodo        | mice            | <input type="text"/> |
| 4. Hopping     | decaying leaves | <input type="text"/> |
| 5. Caterpillar | extinct         | <input type="text"/> |

Q 3. Apu lives in Mizoram and Zaira lives in Jaisalmer, which of them will first see the sun rising?  
Give reason for your answer. (2)

---

---

Q 4. Two buses start from a point. Bus 'A' covers a distance of 200 metres in 20 seconds and bus 'B' covers the same distance in 10 seconds. In which bus will you like to travel if you are late? Why? (1.5)

---

---

Q 5. Name three of them. (7.5)

1. Animals that eat wood. \_\_\_\_\_
2. Organs which move without moving any bone. \_\_\_\_\_
3. Vegetables which are fruits. \_\_\_\_\_
4. Things which can rotate. \_\_\_\_\_
5. Things which can flutter. \_\_\_\_\_

Q 6. Give one word answer for these: (2.5)

1. A tiny structure which makes all organism \_\_\_\_\_ .
2. A model of the earth \_\_\_\_\_ .
3. The mineral present in Red Blood Cells \_\_\_\_\_ .
4. Organic constituent of soil formed by decomposition of plants \_\_\_\_\_ .
5. A series of living beings each dependent on next for food \_\_\_\_\_ .

Q 7. Circle the odd one out and give reasons. (6)

1. Arteries, veins, alveoli, capillary.  
\_\_\_\_\_ .
2. Mosquitoes, bed bugs, lice, vultures.  
\_\_\_\_\_ .
3. Wrist, forehead, elbow, knee.  
\_\_\_\_\_ .
4. Cabbage, cauliflower, coriander, tomato.  
\_\_\_\_\_ .

Q 8. Arrange these surfaces from roughest to smoothest (2)

Grass field, ice floor, marble floor, muddy road

---

Q 9. Given below is a picture of a camel. Write three things which it takes and three things which it gives to its surroundings (3)

Q 10. (a) A rat eats 80 grams of rice a day in a godown. How much rice does she eat in 30 days? (4)

---

(b) She gave birth to 8 babies and all of them eats rice in the godown. How many rats are there in the family?

---

(c) If in 30 days each rat eats 2400 grams of rice, how much rice rat family eats?

---

(d) Our first rat has become a grand-mother, three of her babies have babies of their own- 6 each. How many grand children does our first rat have?

---

Q 11. Write short notes on the following:

(8)

(a) Friction

---

---

---

(b) Meteoroids

---

---

---

(c) Seed dispersal

---

---

---

(d) Comets

---

---

---

Q 12. Give two similarities and two differences between:

(12)

(a) The wheel of a moving cart and a ceiling fan that has been switched on.

Similarities

1. \_\_\_\_\_

2. \_\_\_\_\_

Differences

1. \_\_\_\_\_

2. \_\_\_\_\_

(b) Planets and satellites

Similarities

1. \_\_\_\_\_

2. \_\_\_\_\_

Differences

1. \_\_\_\_\_

2. \_\_\_\_\_

(c) Sun and moon

Similarities

1. \_\_\_\_\_

2. \_\_\_\_\_

Differences

1. \_\_\_\_\_

2. \_\_\_\_\_

Q 13. Divya and Vasudha decided to hold a race. Divya wanted to start closer to the finish line because she was three years younger than Vasudha. They both agreed. Now look at the picture and write who will win? (2.5)

\_\_\_\_\_ won the race.

Q 14. Answer the following questions in brief: (6)

(a) Why should you oil your bicycle?

---

---

(b) Why do we see craters on the moon?

---

---

(c) Do you think elbow and knee joints are ball and socket joints? Give one reason in support of your answer.

---

---

(d) Why there is a difference the way a cart and a car turns?

---

---

Q 15. Name and draw (4)

(a) A cart you see often

- (b) An object which experiences rolling friction

Q 16. Read each part carefully and tick all the correct answers.

(4)

1. (a) The petal is the male part of the plant.
- (b) The ovary is the male part of the plant.
- (c) The anther is the male part of the plant.
2. (a) Life cycle of a plant starts from pollination and ends at seed dispersal.
- (b) Life cycle of a plant starts from germination and ends at seed dispersal.
- (c) Life cycle of a plant starts from fertilisation and ends at seed dispersal.
3. (a) Earth and Mars are similar because both have rings around them.
- (b) Earth and Mars are similar because both have ice caps on their pole.
- (c) Earth and Mars are similar because both are of blue colour.
4. (a) Our lungs are hollow like bags and balloons.
- (b) Our lungs are like pumps.
- (c) Our lungs are like sponges.

Q 17. Look at the different parts of this vehicle. Write at least 4 parts with the materials they are made of. (4)

<u>Parts</u>	<u>Materials</u>

Q 18. While playing with your friends there are a few movements which your shoulder joint can do but your head can not do. Write any two such movements. (2)

---

---

Q 19. Name at least three things or places (5)

(a) Which need to be rough. Why?

---

---

(b) Which should be smooth. Why?

---

---

Q 20. Why can you move your arms more freely than your legs? Give a suitable reason. (1)

---

---

Q 21. Write two properties of each of the following heavenly bodies: (6)

(a) Saturn

---

---

(b) Earth

---

---

(c) Venus

---

---

Q 22. Fill in the following blanks: (2)

- (a) More snakes                      fewer \_\_\_\_\_                      less plagues
- (b) More frogs                      fewer mosquito larvaes                      less \_\_\_\_\_
- (c) More people                      less \_\_\_\_\_                      less \_\_\_\_\_

Q 23. Explain, how your lungs purify the blood? (3)

---

---

---

---

---

Q 24. Write one difference between 'Horizon and Zenith'.

(1.5)

---

---

Q 25. Complete the following food web by including at least six animals:

(3)