



UNICUS  
OLYMPIADS

#UnicusIsUnique

## Sample Paper



**Class 2**

### Unicus Science Olympiad (USO)

Time: 60 minutes

Pattern and Marking Scheme			
Section	Total Questions	Marks per Question	Total Marks
Classic Section	30	1	30
Scholar Section	5	2	10
Grand Total	35		40

## Classic Section (Each Question is 1 Mark)

1. Choose the correct option and complete the following poem:

Two little \_\_\_\_\_ to look around.  
Two little ears to hear each sound.  
One little \_\_\_\_\_ to smell what's sweets.  
One little mouth that likes to eat.

- |                |               |
|----------------|---------------|
| a. eyes, hand  | b. eyes, nose |
| c. hands, nose | d. hands, leg |

- 
2. Karev drank a glass of milk and ate 1 piece of bread, 1 packet of chips, and 1 burger for breakfast. Then he ate rice and potato for lunch. Identify the foods that are not healthy for Karev:



- |                    |                     |
|--------------------|---------------------|
| a. Milk and rice   | b. Burger and chips |
| c. Rice and potato | d. Potato and milk  |

- 
3. When we hold a hot cup of tea. We instantly remove our hands. Which sense organ tells us that the tea is hot?

- |         |         |
|---------|---------|
| a. Eye  | b. Skin |
| c. Ears | d. Nose |

- 
4. Which of the following plant parts can absorb mineral salts and water?

- |           |                |
|-----------|----------------|
| a. Carrot | b. Cauliflower |
| c. Potato | d. Sugarcane   |

- 
5. A millipede curls up into a spiral when you touch it. Which characteristic of living thing explains the millipede's behaviour?

- |  |
|--|
| a. Living things need food or they will curl up and die. |
| b. Living things can move on their own.                  |
| c. Living will die without oxygen.                       |
| d. Living things can respond to their surroundings       |
-

6. Observe the picture and answer the following question.  
Which sense is the girl using to know the shape of the wooden block?



- a. Touch  
b. Sight  
c. Smell  
d. Taste
- 

7. Consider the following rhyme and answer the question that follows:  
It lives in a hole.  
But when we asked, "How do you do?"  
It only said, "Hiss".  
Which animal is being referred to in the above rhyme?

- a. Sheep  
b. Hen  
c. Snake  
d. Dog
- 

8. Where does the animal shown in the picture below lives?



- a. Coop  
b. Shed  
c. Den  
d. Stable
- 

9. Choose the correct option and complete the following sentence:  
Animals that eat both animals and plants are \_\_\_\_\_ and an example of such an animal is \_\_\_\_\_.

- a. omnivores; chicken  
b. herbivores; rat  
c. omnivores; hyena  
d. carnivores; snake
- 

10. Match the animals in column I with their young ones in column II:

Column I	Column II
1. Camel	a. Puppy
2. Dog	b. Calf
3. Kangaroo	c. Cub
4. Cheetah	d. Joey

- a. 1 - b, 2 - d, 3 - a, 4 - c  
b. 1 - a, 2 - b, 3 - c, 4 - d  
c. 1 - b, 2 - a, 3 - d, 4 - c  
d. 1 - c, 2 - a, 3 - b, 4 - d
-

- 11.** Look at the picture below. The jar is kept on top of the burning candle.  
What do we see after some time?



- a. The candle goes off.  
b. The candle keeps burning,  
c. The candle melts faster.  
d. The candle disappears
- 

- 12.** Like food and shelter, clothes are also a basic need of human beings. Clothes protect us from heat, cold, dust, insects, harsh weather conditions etc.  
Choose the type of clothing worn during the rainy season:



- 
- 13.** What is common between the two vegetables shown below?



- a. We eat the leaves of their respective plants.  
b. We eat the fruits of their respective plants.  
c. We eat the roots of their respective plants.  
d. We eat the stems of their respective plants.
- 

- 14.** Complete the following sentence:  
Ron was watering the plants using the water that was used to wash the vegetables. This means he is \_\_\_\_\_.

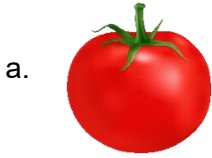
- a. storing water  
b. polluting water  
c. wasting water  
d. saving water
-

## Unicus Science Olympiad (USO)

**15.** Read the following statements and choose which of the following are good habits:

1. We should exercise once a week only.
  2. We should not eat food bought from roadside vendors.
  3. We should have our meals at fixed times every day.
  4. We should always wash our hands before and after meals.
- a. 1 and 4                                      b. 2, 3 and 4  
c. 3 and 4                                      d. 2 and 4

**16.** Look at the pictures below and identify the vegetable whose leaves we eat:



17. Tina, Monica and George were studying for their Science exam. This is what they told their mother about living and non-living things:

Tina: A teddy bear will be of the same size even after many years.

Monica: A cat cannot move by itself but a table can.

George: Living things will die if they do not get food and water.

Who among the above student(s) is/are wrong?

- a. Monica only                      b. George only  
c. Tina only                         d. Both Tina and George

**18.** When there is heavy bleeding after an accident, we should:

1. Tie a bandage tightly over the wounded part.
  2. Make the patient lie down/sit up and call the doctor.
  3. Keep the wounded part raised.
  4. Apply ointment on the wound.
- Choose the ODD one out.

- a. Only 4  
b. Only 2  
c. 1 and 3  
d. 2 and 4

**19.** Four students made the following statements in a classroom discussion:

Leo: Mars, Jupiter and Saturn have rings.

Kate: Saturn, Pluto, Neptune and Venus have rings.

Joseph: Jupiter, Saturn, Uranus and Neptune have rings.

Harry: Jupiter, Saturn, Neptune and Venus have rings.

Who among them made the correct statement?

- [illegible]

## Unicus Science Olympiad (USO)

20. Fill in the blank:

The following things are grouped according to \_\_\_\_\_.

Group 1	Group 2	Group 3
Condor	Tiger	Penguin
Helicopter	Ostrich	Whale shark
Aeroplane	Cheetah	Eel
Seagull	Dog	Water boatman

- a. what they eat
  - b. their outer covering
  - c. where they live
  - d. how they move
- 

21. Identify the fruit from the given options which we eat as a vegetable in everyday life:



22. Consider the diagram of a fish tank and answer the following question:  
Identify two living organisms in the diagram:



- a. Gravel and green plants
  - b. Air pump and snail
  - c. Snail and fish
  - d. Pot and gravel
- 

23. Choose the correct option and complete the following sentence:  
The blooming of buds into flowers shows that \_\_\_\_\_.

- a. plants are living-things
  - b. plants are non-living things
  - c. plants show movement
  - d. both a and c
-



**24.** Choose the correct option and complete the following sentence:

In the \_\_\_\_\_ season, the leaves start changing colour from green to yellow.



- a. summer
- c. rainy

- b. winter
- d. autumn

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**25.** Identify the correct function of the teeth:

- a. They help us in knowing the taste of food.
- b. They help us to chew food.
- c. They help us in hearing the sound.
- d. They help us in breathing.

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**26.** Which of the following can fly in the sky with the help of the wind?

- a. Car
- c. Human being

- b. Parachute
- d. Wooden table

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**27.** Which safety rule you must follow while you are in a swimming pool?

- a. Go to the deep end of the pool
- b. Push each other in the pool
- c. Always swim alone in the pool
- d. Always swim alone in the pool

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**28.** Jack blows air into a big balloon, and he finds out that the size of the balloon increases. What does this mean?



- a. Air has weight.
- c. Air takes up space.

- b. Air contains dust.
- d. Air contains smoke.

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**29.** Choose the correct answer:

Which of the following is a characteristic of a non-living thing?

- a. They grow.
- c. They can move.

- b. They do not respond.
- d. They need air, food and water to survive.

30. Choose the correct answer:

Which of the following is a characteristic of a non-living thing?



- a. Legs
- b. Eyes
- c. Hands
- d. Ears

### Scholar Section (Each Question is 2 Marks)

31. Read the following statements carefully and choose the correct option:

1. Dolphins and whales have an outer covering of scales.
2. Parrots, peacocks and birds of paradise are colourful animals.
3. All animals have the same type of outer coverings.
4. The food that animals eat varies from one to the other.
5. Peacocks and male guppies' bright colours attract females.

- a. Only 1 and 3 are true
- b. Only 2 and 4 are true
- c. Only 4 and 5 are true
- d. 2, 4 and 5 are true

32. Look at the picture given below and tell which of the clothes will help to keep us warm in winter.



Woollen cap (1) Raincoat (2) Woollen socks (3) Shorts (4) Sweater (5) T-shirt (6)

- a. 1, 2 and 4
- b. 4 and 6
- c. 2 and 6
- d. 1, 3 and 5

33. Which of the statements about a plant's ability to move are true?

- A. Sunflower moves to face the sun. It faces the east in the morning and the west in the evening.
- B. The leaves of a Venus flytrap snap shut when an insect touches the sensitive hairs.
- C. The scorpion weed can uproot itself to find food.
- D. The leaves of the raintree close when it is about to rain.
- E. The mimosa leaves close and drop when they are touched.

- a. A, D and E
- b. A, B and D only
- c. A, B and E only
- d. A, B, D and E



## Unicus Science Olympiad (USO)

34. Read the given clues about a fruit and answer the question that follows:

Clue 1: I am a fruit richer in vitamin C than an orange.

Clue 2: I can improve your eyesight.

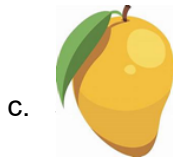
Unscramble and identify the name of the fruit:



**A L P E P**



**I W K I**



**N G M O A**



**E P R A**

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35. Which season comes in between the two seasons?



Rainy



Autumn



Spring

d. None of these

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## Answer Key

1.	b	2.	b	3.	b	4.	a	5.	d	6.	a	7.	c
8.	c	9.	c	10.	a	11.	c	12.	a	13.	b	14.	d
15.	b	16.	b	17.	a	18.	a	19.	c	20.	d	21.	c
22.	c	23.	d	24.	d	25.	b	26.	b	27.	d	28.	c
29.	b	30.	c	31.	d	32.	d	33.	d	34.	b	35.	c