



UNICUS  
OLYMPIADS

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## Sample Paper



**Class Kg**

**Unicus Global Science Olympiad (UGSO)**

Time: 45 minutes

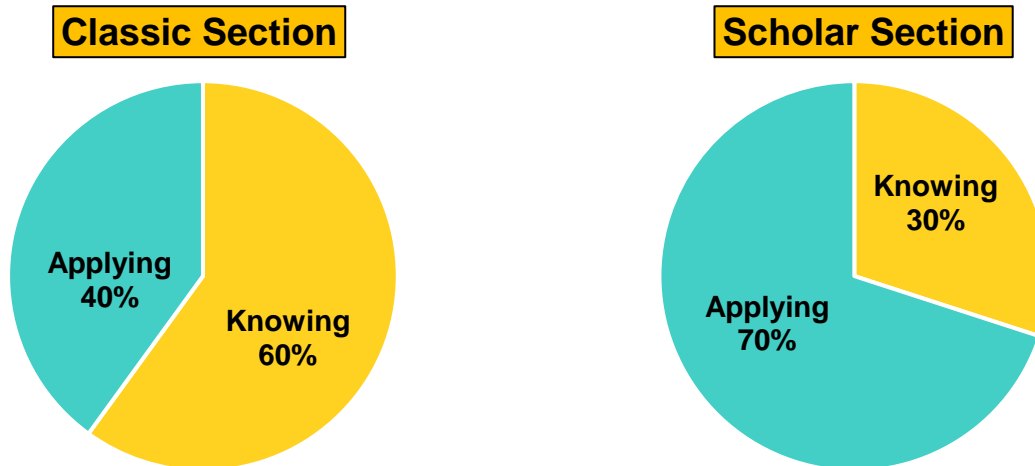
Pattern and Marking Scheme			
Section	Total Questions	Marks per Question	Total Marks
Classic Section	20	1	20
Scholar Section	10	2	20
Grand Total	30		40

## Unicus Global Science Olympiad (UGSO)

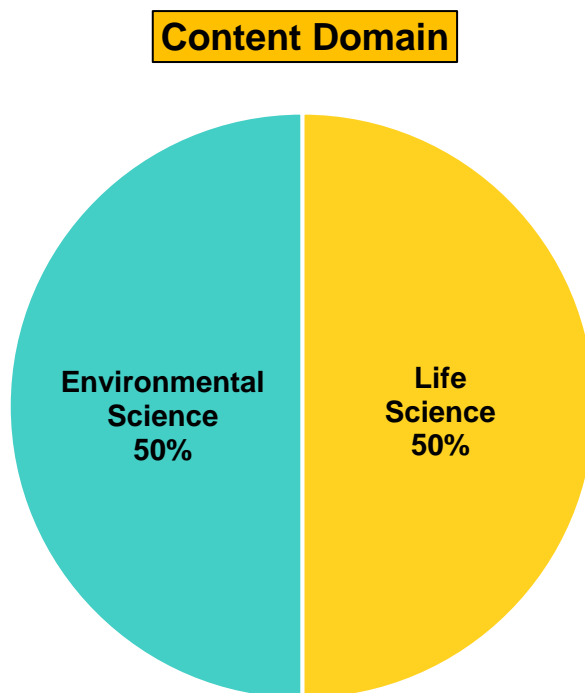
The **Unicus Global Olympiad** is organised around two dimensions:

1. Content dimension, specifying the subject matter domains to be assessed
2. Cognitive dimension, specifying the thinking processes to be assessed

### Target percentages of the question paper devoted to cognitive domains



### Target percentages of the question paper devoted to content domains



For more details, visit <https://www.unicusolympiads.com/>.

## Classic Section (Each Question is 1 Mark)

**Cognitive Domain: Knowing**

**Content Domain: Life Science**

1. Which of the following animals lives in the sty?



a. pig

b. goat

c. cow

**Cognitive Domain: Applying**

**Content Domain: Life Science**

2. Which of the following is the CORRECT match?

	Animals	Animal homes
A.	Bee	Nest
B.	Dog	Pen
C.	Snail	Shell

a. Only A

b. Only B

c. Only C

**Cognitive Domain: Knowing**

**Content Domain: Environmental Science**

3. Look at the image given below and identify the type of family it is:



a. Joint family

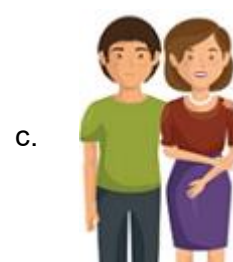
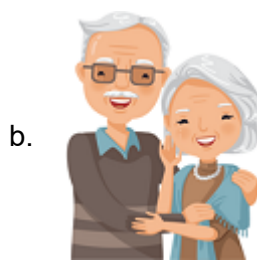
b. Small family

c. Nuclear family

**Cognitive Domain: Knowing**

**Content Domain: Environmental Science**

4. Who are the individuals in a family who are older than your parents and offer guidance and support?



**Cognitive Domain: Applying**

**Content Domain: Environmental Science**

5. Gary was sitting and drawing a picture.  
Which area of the school is Gary sitting and drawing?

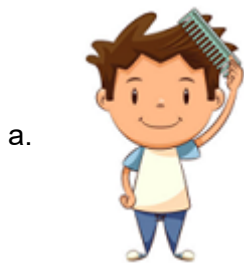


- a. sports room                      b. activity room                      c. playground
- 

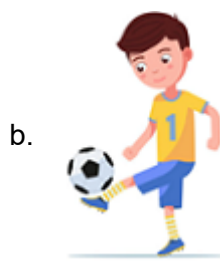
**Cognitive Domain: Knowing**

**Content Domain: Life Science**

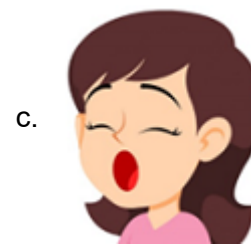
6. Which of the following activities is carried out using our hands?



comb our hair



kick a ball



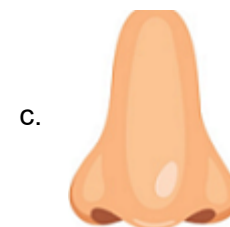
yawning

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**Cognitive Domain: Knowing**

**Content Domain: Life Science**

7. Which of the following sense organs help to smell shampoo and delicious food?



**Cognitive Domain: Applying**

**Content Domain: Life Science**

8. Identify the food that belongs to the same group of food items as shown below:



a.



b.



c.



**Cognitive Domain: Knowing**

**Content Domain: Life Science**

9. Choose the correct option which is a man-made non-living thing.

a.



b.



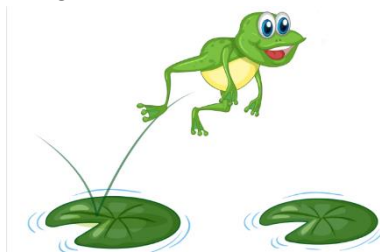
c.



**Cognitive Domain: Knowing**

**Content Domain: Life Science**

10. Noah saw a frog jumping from one leaf to another in a pond.  
What characteristic of living things does this show?



- a. Living things move.
- b. Living things grow.
- c. Living things need food and water.

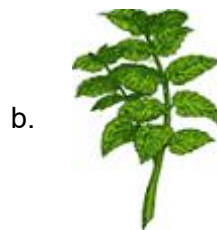
**Cognitive Domain: Knowing**

**Content Domain: Life Science**

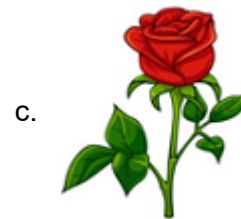
11. What type of plant is very small in size and has a short lifespan?



watermelon



basil



rose

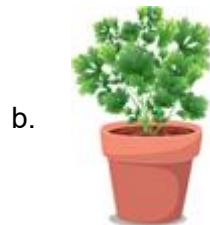
**Cognitive Domain: Applying**

**Content Domain: Life Science**

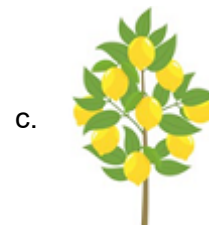
12. James's mother uses leaves from a certain plant (herb) to make a green dip for french fries. What plant is she most likely using?



banana



mint



lemon

**Cognitive Domain: Knowing**

**Content Domain: Life Science**

13. We eat the stems of some plants. Which option best suits the above statement?



**Cognitive Domain: Applying**

**Content Domain: Environmental Science**

14. Kitty has white and sparkling teeth. She wants to keep her teeth healthy. What should she use after eating candies and chocolates?



**Cognitive Domain: Knowing**

**Content Domain: Environmental Science**

15. Select the season in which the sun shines brightly and the air feels warm.



**Cognitive Domain: Applying**

**Content Domain: Environmental Science**

16. Which of the following we should preferably wear for the weather shown in the picture below?



**Cognitive Domain: Knowing**

**Content Domain: Environmental Science**

17. Look at the image given below and identify the season where the little boy is sailing a paper boat:



a. summer

b. rainy

c. autumn

**Cognitive Domain: Knowing**

**Content Domain: Environmental Science**

18. Select the correct match from the following options:



Water transport



Road transport



Air transport

**Cognitive Domain: Applying**

**Content Domain: Environmental Science**

19. During a nature walk, Alex noticed an oil spill on the surface of a lake, killing aquatic plants and animals.

What could be the main cause of this pollution?



a. Reusing plastic bottles

b. Reduce the purchase of oil

c. Accidental discharge of oil from ships

**Cognitive Domain: Applying**

**Content Domain: Environmental Science**

20. Mia has a pile of old newspapers in her house.

What can Mia do with the newspapers to help the environment?





- a. Burn them in the backyard
- b. Reuse them by making paper bags
- c. Throw it in the trash

## Scholar Section (Each Question is 2 Marks)

**Cognitive Domain: Applying**

**Content Domain: Life Science**

21. Brenda saw pictures of different animals as given below.  
Select the number of land animals from the following group:



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

**Cognitive Domain: Knowing**

**Content Domain: Life Science**

22. What is the similarity between the two animals shown below?



- a. They both give us milk.
- b. They both give us wool.
- c. They both give us eggs.

**Cognitive Domain: Applying**

**Content Domain: Environmental Science**

23. Jenny and Kitty study in the same class. They study, play and learn together and share food during snack breaks.  
So, Kitty is Jenny's \_\_\_\_\_.



a.

teacher



b.

bus driver



c.

friend

**Cognitive Domain: Applying**

**Content Domain: Life Science**

24. Lisa noticed that her friend's nails were long and dirty.  
What should she advise her friend to do?



- a. "Wash your hands with soap and water and clip your nails."
- b. "Don't worry about it."
- c. "Make your nails even dirtier."

**Cognitive Domain: Applying**

**Content Domain: Life Science**

25. Emma has a robot. It can move and talk but cannot eat.  
Which of the following options is TRUE?

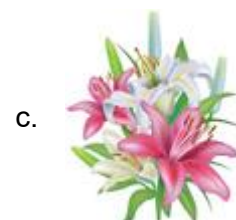


- a. The robot is a living thing.
- b. The robot is a natural non-living thing.
- c. The robot is a man-made non-living thing.

**Cognitive Domain: Applying**

**Content Domain: Life Science**

26. Maria has many flowers in her garden.  
Identify the flower in Maria's garden that has a strong fragrance, used for perfumes and hair oil.



**Cognitive Domain: Knowing**

**Content Domain: Environmental Science**

27. Identify the thing that should be worn while riding a bicycle on the road for safety:



**Cognitive Domain: Applying**

**Content Domain: Environmental Science**

28. A teacher wants to plan a nature walk for her students to observe the changing colour of leaves.

Which season would be the best time for this activity?

a. summer

b. rainy

c. autumn

**Cognitive Domain: Applying**

**Content Domain: Environmental Science**

29. Adam's school planned a field trip to a zoo located within the city.

Which mode of transport is the safest and most comfortable for the entire class?



**Cognitive Domain: Knowing**

**Content Domain: Environmental Science**

30. What type of pollution is represented by the image shown below?



a. air pollution

b. water pollution

c. noise pollution

## Answer Key

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