

EtG

OLYMPIAD EXPLORER



Workbook for
**Nationwide Interactive SCIENCE Olympiad & Other
National/International Olympiads/Talent Search Exams.**

Also useful for Nationwide Biotechnology Olympiad (NBTO)

Based on CBSE, ICSE, GCSE, State Board Syllabus & NCF (NCERT)

100's of Q's with answers

- Chapterwise Practice Q's
- Revision Q's
- Sample Paper



Class

1

EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

EduHeal Foundation conducts 5 Olympiads annually reaching out to 3,500 + Schools
• 4 Lakh + Students • 50,000 Coordinating Teachers and having 500 Resource persons
in English / Maths / Science / Biotech / Computer & 300 Regional Coordinators.

PRIZES



WORKSHOP • TEACHER TRAINING PROG. • MAGAZINE/LAB GRANT • PRINCIPAL LEADERSHIP AWARD.

Contents

S.No.	Chapters	Page No.
1.	Plants	1
2.	Animals	7
3.	Air	14
4.	Activities on Air	16
5.	Water	18
6.	Our Body	21
7.	Food & Nutrition	25
8.	Safety and First Aid	28
9.	Up in the Sky	31
10.	NISO Sample Paper	35

Please note : There are no revision questions for class - 1 students.



SYLLABUS GUIDELINES*

1. About Plants

What are their types, how do they grow, what they give us. How they are useful to us. What are major parts of plants, seed, flower, leaves.

2. About Animals

World of animals, types of animals, what they eat, where they live, what are their groups called, what are the names of their home, how they grow.

3. Air

What is Air, why it is necessary, fun with air, what can we do with air.

4. Water

Why we need water. What are the work where we use water. Forms of water.

5. Weather

Day and night, Sunny day, Cold day, Rainy day, Summer, Monsoon.

6. Sky & Space

General idea about Sun, Moon, Stars. Indian people at moon and space.

7. Our needs & habits

What we need to keep ourselves healthy : Cleanliness, good food, exercise, walk, clothing etc. What good habits we should follow.

8. Safety First

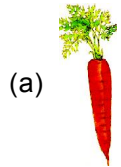
Precautions to take while on Roads, while playing outdoor games, when at home.



OBJECTIVE TYPE QUESTIONS

- Q.1.** What holds the plant firmly?
(a) Root (b) Stem
(c) Branches (d) None of these
- Q.2.** Among the four which have strong stem.
(a) Trees (b) Shrubs
(c) Herbs (d) None of these
- Q.3.** Which plants need support to grow upwards?
(a) Creepers (b) Climbers
(c) Herbs (d) None of these
- Q.4.** Which tree gives us wood for furniture?
(a) Walnut (b) Rose
(c) Teak (d) None of these
- Q.5.** Plants grow with the help of
(a) Sunlight (b) Water
(c) Food (d) All the these
- Q.6.** Mustard oil is obtained from which part of the plant?
(a) Root (b) Stem
(c) Seeds (d) None of these
- Q.7.** We eat food grains of
(a) Rice (b) Maize
(c) Wheat (d) All the three
- Q.8.** Grape Vine is a
(a) Shrub (b) Herb
(c) Climber (d) None of these
- Q.9.** Plants show movement during
(a) Day time only (b) Night time only
(c) Both time (d) None of these
- Q.10.** Which fruit is called king of fruits?
(a) Apple (b) Mango
(c) Orange (d) None of these
- Q.11.** Which part of the plant is used for making perfumes?
(a) Root (b) Flower
(c) Leaf (d) None of these

Q.12. Which is a fruit?



Carrot



Mango



Potato

(d) None of these

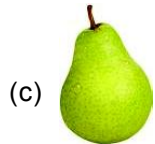
Q.13. Which is round in shape?



Orange



banana



Pear

(d) None of these

Q.14. What is used to make "Chapatti"?



(a)



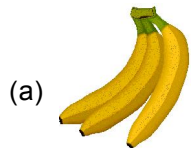
(b)



(c)

(d) None of these

Q.15. Which contains lots of water in it?



(a)



(b)

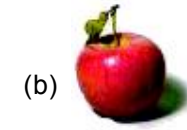
(c) Both

(d) None of these

Q.16. Which is a vegetable?



Grapes



(b)

Apple



(c)

Lady finger

(d) None of these

Q.17. What plants can do?

(a) Move

(b) Grow

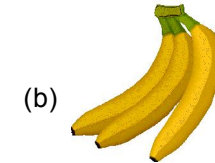
(c) Both

(d) None of these

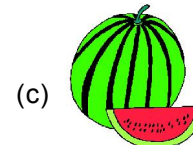
Q.18. Which plant does not have seeds?



(a)



(b)



(c)

(d) None of these

Q.19. Which plant is used to make clothes?

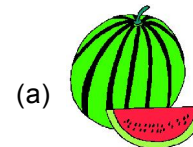
(a) Neem tree

(b) Cotton plant

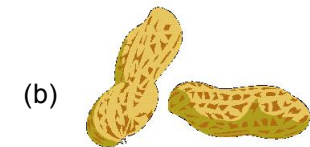
(c) Rose plant

(d) None of these

Q.20. Which is grown on tree?



(a)



(b)



(c)

(d) None of these

TRUE & FALSE

Mark 😊 if true and ☹️ if false

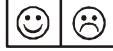
Q.21. Shrubs are smaller than trees



Q.22. All plants are green



Q.23. Sugar cane is a tree



Q.24. Apple is a vegetable



Q.25. Plants help us in many ways



Q.26. All animals feed on plants



Q.27. Potato grow under the ground



Q.28. Neem is a medicinal plant



Q.29. Lotus grows on land



Q.30. Rose plant is a tree



MATCH THE FOLLOWING

Q.31. A. Column I

Column II

1.



(a) Tree

2.



(b) Shrub

3.



(c) Creeper

(a) 1-b, 2-c, 3-a

(b) 1-c, 2-a, 3-b

(c) 1-a, 2-b, 3-b

(d) 1-b, 2-a, 3-c

Q.32. B. Column I

Column II

1.



(a) Furniture

2.



(b) Food grain

3.



(c) Fruit

4.



(d) Perfume

(a) 1-b, 2-c, 3-a, 4-d

(b) 1-c, 2-b, 3-d, 4-a

(c) 1-a, 2-b, 3-d, 4-c

(d) 1-c, 2-a, 3-c, 4-d



ANSWERS

Objective Type Questions

1. (a) 2. (a) 3. (b) 4. (c) 5. (d) 6. (c) 7. (d) 8. (c)
 9. (c) 10. (b) 11. (b) 12. (b) 13. (a) 14. (a) 15. (b) 16. (c)
 17. (c) 18. (b) 19. (b) 20. (c)

True and False

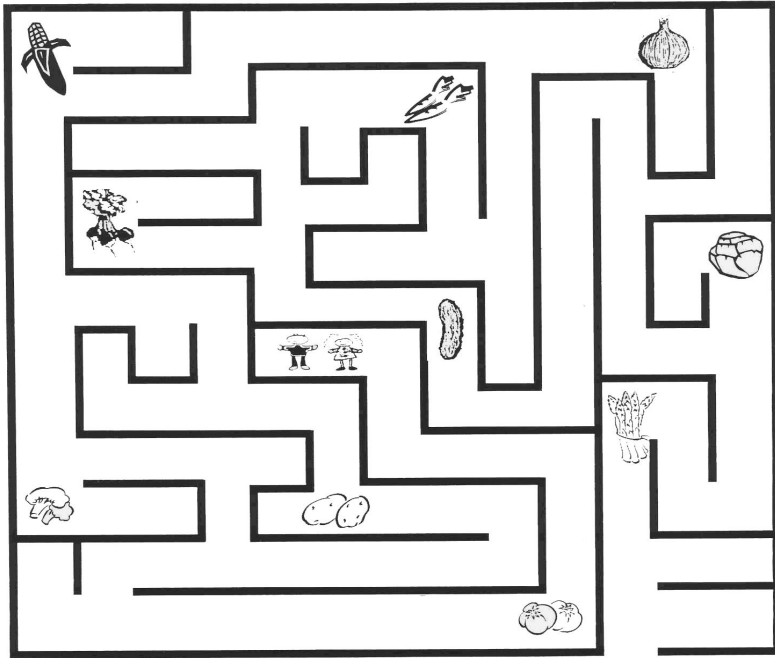
21. T 22. F 23. F 24. F 25. T 26. F 27. T 28. T
 29. F 30. F

Match the following

31. (a) 32. (b)



ACTIVITY



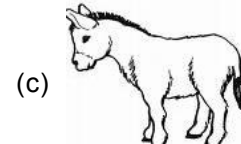
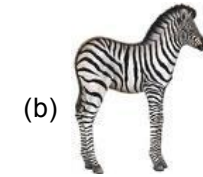
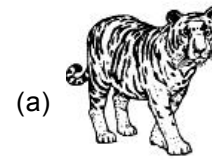
Help the kids find all the vegetables in the garden to bring back to the house



Chapter 2 ANIMALS

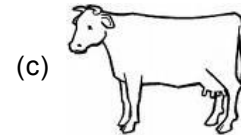
OBJECTIVE TYPE QUESTIONS

- Q.1.** Wild animals live in
 (a) Jungles (b) Homes
 (c) Farms (d) None of these
- Q.2.** Which animal carries loads.



(d) None of these

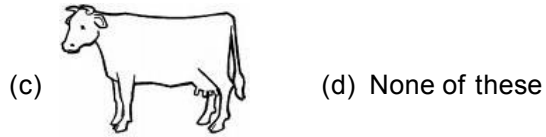
- Q.3.** Which is a water animal?



(d) None of these

- Q.4.** Tick the pet animal.
 (a) Dog (b) Lion
 (c) Zebra (d) None of these
- Q.5.** Which is not a domestic animal?

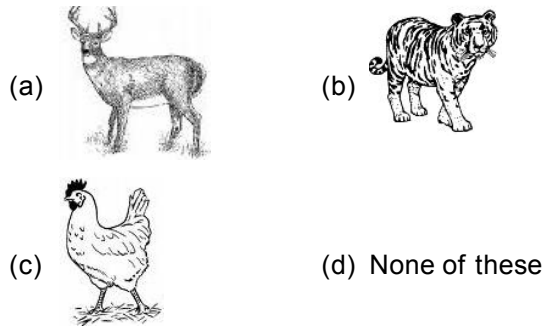




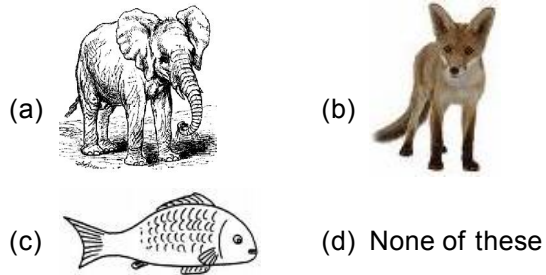
Q.6. Which of the following animal belongs to the forest?

- (a) Lion (b) Cat
(c) Cow (d) None of these

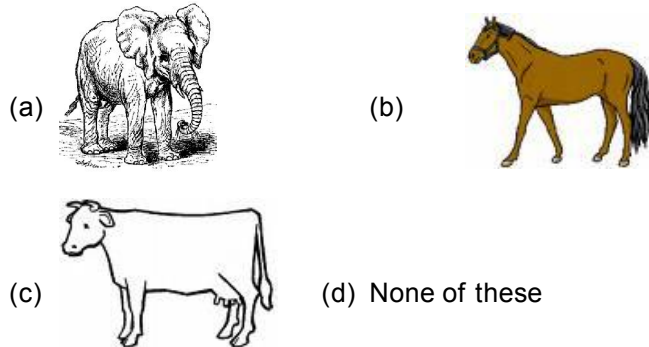
Q.7. Tick the animal which lays eggs?



Q.8. Find the odd one out. by the place they live



Q.9. Calf is the young one of



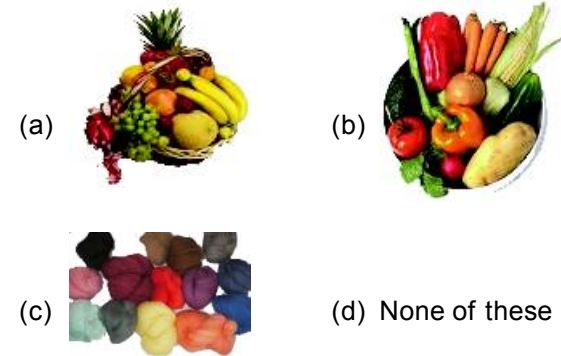
Q.10. Animals which eat only grass are

- (a) Herbivores (b) Carnivores
(c) Omnivores (d) None of these

Q.11. Which animal lives in Kennel?

- (a) Cow (b) Rabbit
(c) Dog (d) None of these

Q.12. Animals gives us




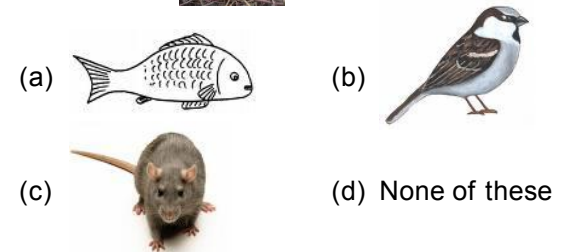
Q.13. Which animal feeds on dead animals?

- (a) Vultures (b) Elephant
(c) Cow (d) None of these

Q.14. Which is grouped correctly based on the food habit.




- (a) Cow, Dog, Dear (b) Cat, Rat, Elephant
(c) Cow, Elephant, Monkey
(d) None of these

Q.15. Who lives in  (nest)


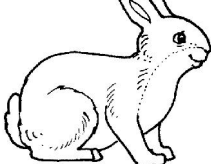



Q.16. Who is the adult of



- (a) 
- (b) 
- (c) 
- (d) None of these



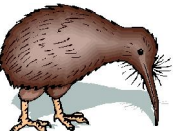
Q.17. Who eats only flesh material?

- (a) 
- (b) 
- (c) 
- (d) None of these

Q.18. What animals cannot do ?

- (a) Make food
- (b) Kill other animals
- (c) Carry loads
- (d) None of these

Q.19. Which bird lives in water?



- (a) 
- (b) 
- (c) 
- (d) None of these





















Q.20. Which bird can fly?

- (a) 
- (b) 

- (c) 
- (d) None of these



TRUE & FALSE

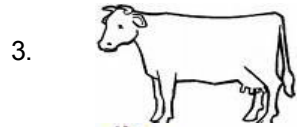
Mark  if true and  if false

- Q.21. Pets live in homes built by us  
- Q.22. Animals are big & small in size  
- Q.23. Some animals eat only grasses & plants  
- Q.24. We can see some wild animals in a zoo  
- Q.25. Hen gives us milk  
- Q.26. Nests are made by rabbits  
- Q.27. Tiger is a flesh eater  
- Q.28. Cow, buffalo and goat are milk giving animals  
- Q.29. Lions live in stable  
- Q.30. Rabbit likes carrots  

MATCH THE FOLLOWING

Q.31. Match the animals with their homes.

- 1.  (a) Stable
- 2.  (b) Shed



(c) Burrow



(d) Nests

(a) 1-c, 2-d, 3-b, 4-a (b) 1-d, 2-b, 3-c, 4-a
 (c) 1-a, 2-b, 3-d, 4-c (d) 1-d, 2-c, 3-a, 4-b

Q.32. Match the animal with their habitat (place where they live)?



(a) Land



(b) Both land and water



(c) Holes



(d) Water

(a) 1-c, 2-d, 3-b, 4-a (b) 1-d, 2-b, 3-c, 4-a
 (c) 1-b, 2-d, 3-a, 4-c (d) 1-d, 2-c, 3-a, 4-b

☺☺☺

ANSWERS

Objective Type Questions

1. (a) 2. (c) 3. (b) 4. (a) 5. (d) 6. (a) 7. (c) 8. (c)
 9. (c) 10. (a) 11. (c) 12. (d) 13. (a) 14. (c) 15. (b) 16. (b)
 17. (c) 18. (a) 19. (b) 20. (c)

True and False

21. T 22. T 23. T 24. T 25. F 26. F 27. T 28. T
 29. F 20. T

Match the following

31. (a) 32. (c)

☺☺☺

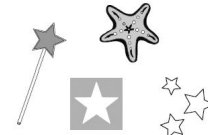
**NATIONWIDE INTERACTIVE
SCIENCE OLYMPIAD (NISO) SAMPLE PAPER**

Total duration : 40 Minutes

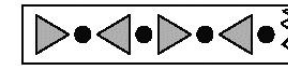
Total Marks : 25

GENERAL I.Q.





1. What shapes are given below.

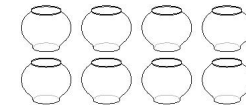



- (a) Circle (b) Star (c) Triangle (d) Square
2. Look at the wall paper given below.



What will be the next shape in this pattern?

- (a)  (b)  (c)  (d) 
3. If you put only 2 fishes in each tank, count how many fishes you need to fill all the tanks?



- (a) 10 (b) 7 (c) 16 (d) 14
4. In which choice (a, b, c or d) is the heart  placed in the LAST position.



5. Which of the following body part is TWO in number?
(a) Stomach (b) Tongue (c) Hand (d) Head

SCIENCE

6. Who lives in the DEN ?

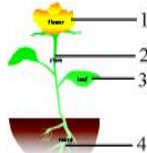


7. 'Herbs are very tall plants.' This is
 (a) True (b) False
 (c) Don't know (d) None of these





8. Who lays eggs?
 (a)  (b)  (c)  (d) 

9. Which is a Domestic Animal?
 (a)  (b)  (c)  (d) 





Figure for questions 10 and 11.








10. Which part prepares food for the plant ?
 (a) 1 (b) 2 (c) 3 (d) 4
11. Which part carries water from soil ?
 (a) 1 (b) 2 (c) 3 (d) 4









12.  is used to see
 (a) Tiny things (b) Large things
 (c) Very large things (d) Sun
13. Who gives you Medicine ?
 (a)  (b)  (c)  (d) None of these

14. Which part of your body is Red in colour?
 (a) Tongue (b) Hair (c) Eyes (d) Teeth
15. Choose the CORRECT match.





- | Parent | | Baby |
|---|---|---|
| (a)  | - |  |
| (b)  | - |  |

- (c)  - 
- (d)  - 

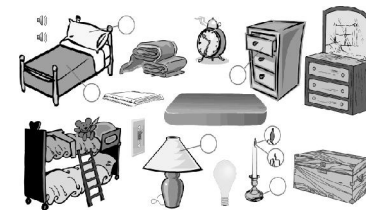
16.  What is in the glass ?
 (a) Water (b) Air (c) Soil (d) Stones
17. When should you wash your hands ?
 (a) Before eating (b) After eating
 (c) After and Before Eating (d) None of these

18. Who lives in WATER ?
 (a)  (b)  (c)  (d) 
19. Which of the following animals DO NOT give milk to us ?
 (a)  (b)  (c)  (d) 

20. Which of the following body part is TWO in number?
 (a) Stomach (b) Tongue (c) Hand (d) Head
21. Where do people live ?

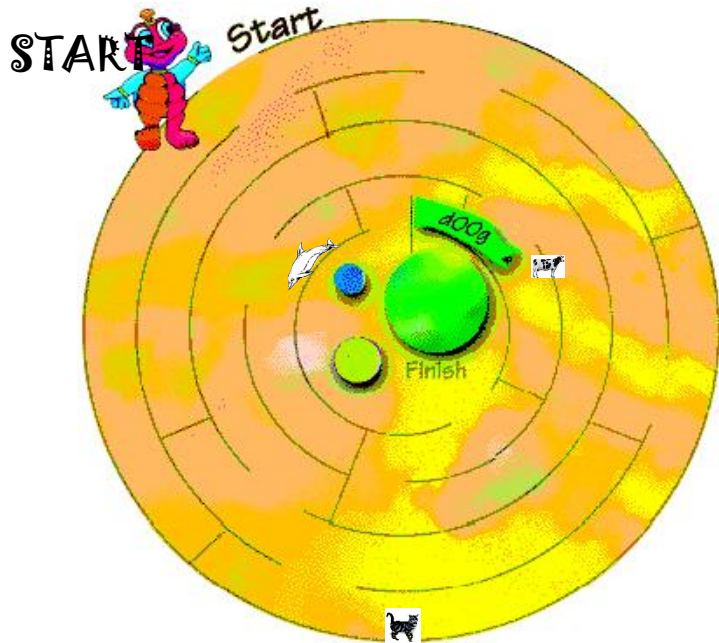
- (a)  Sun (b)  Moon (c)  Earth (d)  Stars

22. Things shown below are found in



- (a) Kitchen (b) Bedroom
 (c) Drawing room (d) Balcony

INTERACTIVE ACTIVITY : Trace the path to your home and answer the question given below.



- Q. 23. How many WATER ANIMALS YOU MET in your path to your home ?
 (a) 0 (b) 1 (c) 2 (d) None of these
- Q. 24. Which animal you MET TWICE in your path ?
 (a) Monkey (b) Dog
 (c) Elephant (d) All of these
- Q. 25. Which animal you DID NOT MEET in your path?
 (a) Elephant (b) Monkey
 (c) Cow (d) None of these

☺ **END OF THE EXAM** ☺

ANSWERS

- | | | | | |
|---------|---------|---------|---------|---------|
| 1. (b) | 2. (a) | 3. (c) | 4. (c) | 5. (d) |
| 6. (c) | 7. (b) | 8. (a) | 9. (d) | 10. (c) |
| 11. (d) | 12. (a) | 13. (b) | 14. (a) | 15. (b) |
| 16. (b) | 17. (c) | 18. (a) | 19. (d) | 20. (c) |
| 21. (c) | 22. (b) | 23. (b) | 24. (d) | 25. (c) |

☺☺☺