

# OLYMPIAD Mock Test

# 2

Name : \_\_\_\_\_

Number of Questions : 35

Max. Marks : 35

Time : 2 Hours

There is no negative marking in the test.

- How many sets of teeth does a person get in their lifetime?  
(a) 3 (b) 2  
(c) 4 (d) 1
- Where do cabbage and mint store food?  
(a) In their roots  
(b) In their flowers  
(c) In their fruits  
(d) In their leaves
- Photosynthesis is the process of making food in plants. Which one of the following gases is used in the process of photosynthesis?  
(a) Nitrogen (b) Oxygen  
(c) Carbon dioxide (d) Hydrogen
- What causes a person to become sick from an infection?  
(a) Germs  
(b) Not practicing good hygiene  
(c) Both (a) and (b)  
(d) None of these
- What do you mean by public transport?  
(a) The transport system that is used by few people.  
(b) The transport system that is used by large number of people.  
(c) The transport system that is used by an individual.  
(d) Both (a) and (b)

6. Which kind of soil is found at the beaches?
- (a) Chalky soil (b) Sandy soil  
(c) Clayey soil (d) Loamy soil
7. Which one of the following soils is best for growing plants?
- (a) Clayey soil (b) Sandy soil  
(c) Loamy soil (d) All of these
8. What % of the Earth is covered by the oceans?
- (a) About 30% (b) About 71%  
(c) About 97% (d) About 76%
9. Match the following.
- |             |                 |
|-------------|-----------------|
| 1. Glass    | A. Cloth        |
| 2. Plastics | B. Window panes |
| 3. Fibre    | C. Tubes        |
| 4. Rubber   | D. Televisions  |
- (a) 1-D, 2-B, 3-A, 4-C  
(b) 1-A, 2-D, 3-B, 4-C  
(c) 1-B, 2-A, 3-D, 4-C  
(d) 1-B, 2-D, 3-A, 4-C
10. **Statement A** : All elements and plants breathe in oxygen.  
**Statement B** : Plants make their food by using carbon dioxide gas.
- (a) Statement A is correct.  
(b) Statement B is correct.  
(c) Statement A and B both are correct.  
(d) Neither statement A nor statement B is correct.
11. The soft green stem can be found in the \_\_\_\_\_.
- (a) pine tree (b) coconut tree  
(c) banana tree (d) neem tree
12. Which of the following constitutes our breathing system?
- (a) Mouth, nose and windpipe  
(b) Mouth and lungs  
(c) Stomach, mouth and windpipe  
(d) Nose, windpipe and lungs
13. Identify the name of the organs of digestive system.
- (a) Stomach (b) Mouth  
(c) Small intestine (d) All of these

14. Which three planets are in correct order?

- (a) Mercury, Venus, Earth
- (b) Earth, Mercury, Venus
- (c) Venus, Mercury, Earth
- (d) Mercury, Mars, Earth

15. Identify the celestial body nearest to the Earth.

- (a) Sun
- (b) Moon
- (c) Mars
- (d) Venus

16. Identify the colour of the humus.

- (a) Dark green
- (b) Light yellow
- (c) Light brown
- (d) Dark brown

17. Which of the following statements is correct?

**Statement A :** The animals can feel changes around them because they have sense organs.

**Statement B :** The plants do not feel changes around them because they do not have sense organs.

- (a) Statement A is correct.
- (b) Statement B is correct.

(c) Statement A and B both are correct.

(d) Neither statement A nor statement B is correct.

18. Which one of the given options based on the following statements is correct?

**Statement A :** Birds have teeth to eat.

**Statement B :** Birds use their claws to catch food and protect themselves.

- (a) Statement A is correct.
- (b) Statement B is correct.
- (c) Statement A and B both are correct.
- (d) Neither statement A nor statement B is correct.

19. Which one of the given options based on the following statements is correct?

**Statement A :** Surface of the Moon has mountains and huge ditches called craters.

**Statement B :** The Moon revolves round the Sun.

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- (a) Statement A is correct.
- (b) Statement B is correct.
- (c) Statement A and B both are correct.
- (d) Neither statement A nor statement B is correct.

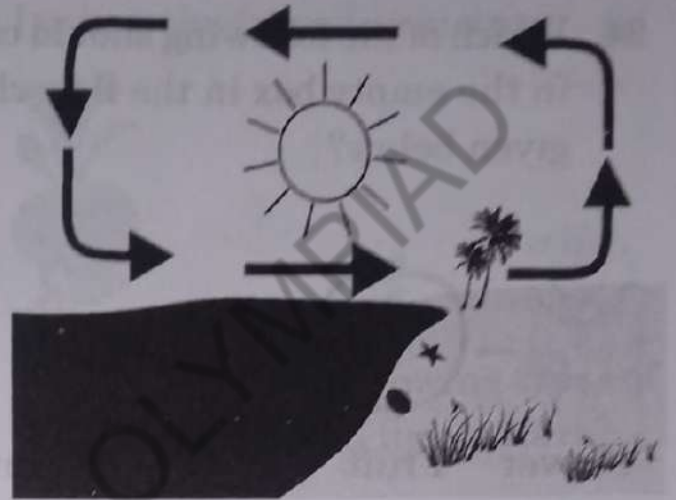
20. Other celestial bodies whose sizes are smaller in comparison to the planets but they also revolve around the Sun are called

- (a) asteroids            (b) satellites
- (c) comets                (d) all of these

21. The characteristic feature of a satellite is that it revolves around the Earth. What is the Moon called?

- (a) Artificial satellite
- (b) Natural satellite
- (c) Both (a) and (b)
- (d) Planet

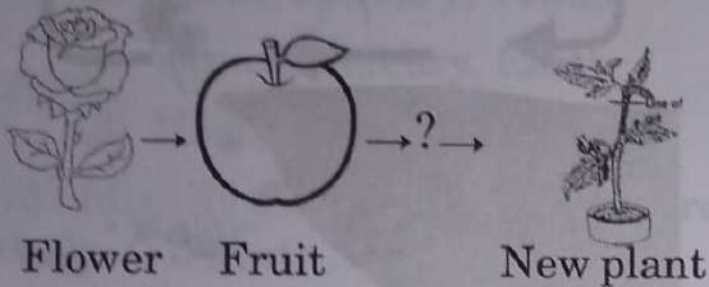
22. The given picture shows movement of air from the sea towards the land.



What is it called?

- (a) Sea breeze
  - (b) Land breeze
  - (c) Warm air
  - (d) All of these
23. Why does the government advice to discard the use of polythene bags?
- (a) Polythenes are biodegradable.
  - (b) Polythenes are expensive.
  - (c) Polythenes are non-biodegradable.
  - (d) All of these

24. Which of the following should come in the empty box in the flow chart given below?

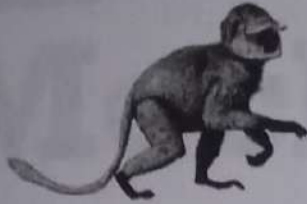


Flower      Fruit

New plant

- (a) Seed                      (b) Bird  
(c) Fruit                      (d) Stem
25. We breathe fast after running. Why does it happen?
- (a) We require more oxygen after running.  
(b) We require less oxygen after running.  
(c) We require lots of energy after running.  
(d) All of these
26. Consider the following statements :
- Statement 1 :** Omnivore eats both plants and animal products.
- Statement 2 :** Herbivore eats both plants and animal products.
- Which one of the following is correct about the above statements?
- (a) Statement 1 is true and 2 is false.  
(b) Statement 1 is false and 2 is true.  
(c) Both statements are false.  
(d) Both statements are true.
27. A type of plants which require support for their growth is called :
- (a) pitcher  
(b) herbs  
(c) climbers  
(d) all of these
28. Which of the following is NOT a function of the root?
- (a) Support  
(b) Production of food  
(c) Storage of food  
(d) Absorption of water and mineral

29. Look at the following figure.



Which one of the following types of animal is this?

- (a) Arboreal
- (b) Amphibian
- (c) Terrestrial
- (d) All of these

30. Match the following.

A	B
1. Carnivore	A. Frog
2. Herbivore	B. Snake
3. Amphibian	C. Goat
4. Reptile	D. Lion

- (a) 1-B, 2-C, 3-A, 4-D
- (b) 1-D, 2-A, 3-C, 4-B
- (c) 1-C, 2-D, 3-A, 4-B
- (d) 1-D, 2-C, 3-A, 4-B

31. Look at the following picture.



Which one of the following types of root does the given figure have?

- (a) Fibrous
- (b) Tap
- (c) Aerial
- (d) All of these

32. Consider the following statements :

**Statement 1 :** Silk is synthetic fibre which is used to make dress.

**Statement 2 :** Cotton is synthetic fibre which is used to make dress.

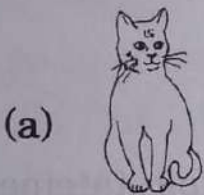
Which one of the following is correct about the above statements?

- (a) Statement 1 is true and 2 is false.
- (b) Statement 1 is false and 2 is true.
- (c) Both statements 1 and 2 are false.
- (d) Both statements 1 and 2 are true.

33. Which one of the following best describes a plant of mushroom?

- (a) Desert plant
- (b) Non-green plant
- (c) Underwater plant
- (d) All of these

34. Which one of the following animals has a very good sense of smelling?



(c)



(d)



35. What is the name of the red-hot substance that comes from volcanoes?

- (a) Fire
- (b) Magma
- (c) Sand
- (d) Lava

## MOCK TEST -2

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

1. **(b)** 2
2. **(d)** Cabbage and mint store food in their leaves.
3. **(c)** Sunlight + Carbon dioxide + Water → Glucose + Oxygen. Thus, photosynthesis needs carbon dioxide gas.
4. **(c)** A person can become sick from germs and not practicing good hygiene.
5. **(b)** Public transport is a shared passenger transport service which is available for use by large number of people. Buses, trains, etc, are example of public transport.
6. **(b)** Sandy soil is found at the beaches.
7. **(c)** Loamy soil is a combination of sand, silt and clay. Thus, this soil combines the benefits of multiple type of soils that make it up and is considered the best for growing plants.
8. **(b)** 71% of the Earth is covered by the oceans.
9. **(d)** Glass is used for making windowpanes. Plastic is used for making television. Fibre is used for making cloth. Rubber is used for making tubes.
10. **(b)** Statement A is wrong because only living things breathe in oxygen. Elements are non-living.



11. (c) Banana tree has soft green stem.
12. (d) Nose, windpipe and lungs constitute our breathing system.
13. (d) Digestion starts from mouth where food is broken into smaller units with the help of teeth, then tongue helps to push the food into food pipe from where it enters the stomach. After leaving stomach, food enters into small intestine where body absorbs nutrients from the food.
14. (a) Mercury, Venus, Earth
15. (b) Moon is the nearest celestial body to the Earth.
16. (d) Humus is black or dark brown in colour. It is an organic material that is formed in soil when plant and animal matter decay.
17. (a) Animals can feel changes around them because they have sense organs. Plants feel changes but do not have sense organs.
18. (b) Birds don't have teeth to eat.
19. (a) The surface of the Moon has craters. Moon revolves around the Earth.
20. (a) Asteroids are smaller than planets which revolve around the Sun.
21. (b) Moon is a natural satellite.
22. (a) The movement of air from the sea towards the land is known as a sea breeze.
23. (c) Polythene bags are non-biodegradable so they are not degraded by the help of microorganisms and cause environmental pollution. That is why, government advice to discard the use of polythene bags.
24. (a) Flowers give rise to fruits. Fruits bear seeds which give rise to a new plant.
25. (a) After running, oxygen requirement of the body increases. That is why, we breathe fast to fulfill the oxygen requirement of our body.
26. (a) Herbivores eat only plants and plant products.
27. (c) Climbers require support for their growth.
28. (b) Production of food is carried out by leaves and other green parts of the plant.
29. (a) The image shown is a monkey which is an arboreal animal. Arboreal animals live on trees.
30. (d) Lion is a carnivore which eats other animals, goat is a herbivore, frog is an amphibian and snake is a reptile.
31. (b) This is a turnip which has tap root.
32. (c) Silk and cotton both are natural fibres. Silk is obtained from silk worm and cotton is obtained from cotton plant.
33. (b) Mushroom is a non-green plant.
34. (b) Figure (b) is dog which has a very good sense of smelling.
35. (d) Lava