

OLYMPIAD Mock Test

2

Name : _____
Number of Questions : 25

Max. Marks : 25
Time : 1 Hour

There is no negative marking in the test.

- Maize, jowar, and pulses belong to this category of cereal grain. It is also called as 'coarse grain' and has been attributed to its resistance to drought. Identify this crop.
(a) Rice (b) Millet
(c) Barley (d) Maize
- This animal is an extinct small hopping marsupial found in desert regions of central Australia. It has forelimb and hindlimb of different size. Which animal is this?
(a) Desert rat-kangaroo
(b) Kangaroo
(c) Desert Wolf
(d) Desert Rabbit
- 'X' is the molten rock expelled by a volcano during an eruption. When it has stopped moving, it solidifies to form igneous rock. It is a liquid usually at temperatures from 700 to 1,200°C. Identify 'X'.
(a) Lava (b) Magma
(c) Andesite (d) Pyroclasts
- Select the option which on rearrangement will give the term used for the accumulation of toxic substances in organisms at successively higher levels in a food chain.
(a) MIICATION AGONBFI
(b) AKIAHDGSONSI
(c) LOIANSGHYT
(d) GREEYROYFA
- Which of the following if buried in the earth is expected to remain for a long time in the environment?
(a) Paper (b) Plastic
(c) Wood (d) None of these

6. The sum total of the populations of the same type of organisms constitute
- (a) Colony (b) Genus
(c) Species (d) Community
7. In the 1770's, a Scottish physician and chemist Daniel Rutherford performed a simple experiment with which he discovered a gas. The gas is the lightest member of group 15 of the periodic table, often called the pnictogens. Identify the gas.
- (a) Helium
(b) Carbon Dioxide
(c) Nitrogen
(d) Oxygen
8. A container has a liquid which tastes sour. Another liquid is added to the container and the pH of the resulting solution is found to be neutral. Identify the liquid with sour taste.
- (a) Acid (b) Base
(c) Water (d) Salt solution
9. Venera 9 was an unmanned space mission launched by Soviet Union. It consisted of an orbiter and a lander. It was sent in space to record surface conditions of
- (a) Moon (b) Venus
(c) Jupiter (d) Sun
10. India launched a mission to Mars called MOM (Mangalyaan) on 5th November, 2013. Which space agency was responsible for the this mission?
- (a) NASA
(b) ISRO
(c) BARC
(d) European Space Agency
11. Who among the following has been elected as the President of India?
- (a) Meira Kumar
(b) Ram Nath Kovind
(c) Gopal Krishna Gandhi
(d) Venkaiah Naidu
12. What is Pradhan Mantri Suraksha Bima Yojana (PMSBY)?
- (a) Accidental insurance cover
(b) Life insurance cover
(c) Overdraft up to Rs. 5,000
(d) None of above
13. The Arya Samaj was founded in 1875 to oppose polytheism, image worship, caste-based restrictions, and child marriage. It supported female education and widow

remarriage. Who was the founder of the Arya Samaj?

- (a) Swami Dayananda Saraswati
- (b) Rabindranath Tagore
- (c) Swami Vivekananda
- (d) Sanjay Sangvi

14. Give one word for 'to accuse falsely'.

- (a) Conjunction (b) Detest
- (c) Admonish (d) Calumniate

15. Read the few lines of a poem and identify the poet.

I wandered lonely as a cloud

That floats on high o'er vales and hills,
A host, of golden daffodils;
Beside the lake, beneath the trees,
Fluttering and dancing in the breeze.

- (a) Henry Abbey
- (b) William Wordsworth
- (c) Ryan Adams
- (d) Robert Frost

16. "The Age of 1000 Entertainments" is also known as

- (a) Tang Dynasty
- (b) Ming Dynasty
- (c) Shang Dynasty
- (d) Qin Dynasty

17. Which creative art form is Sonal Mansingh associated with?

- (a) Dance
- (b) Vocal music (Hindustani)
- (c) Painting
- (d) Instrumental music

18. World Athletics Championships, 2017 was held in _____.

- (a) New York (b) Moscow
- (c) London (d) Tokyo

19. Wimbledon Championship is an annual tennis tournament first contested in 1877 and played on outdoor grass courts. Who has won the 2018 Women's Singles Wimbledon Championship?

- (a) Simona Halep
- (b) Serena Williams
- (c) Angelique Kerber
- (d) Garbine Muguruza

20. Stan Wawrinka represents and belongs to which country?

- (a) Russia
- (b) Switzerland
- (c) USA
- (d) France

Mock Test-2

21. What least number must be added to 1056, so that the sum is completely divisible by 23?

- (a) 2
- (b) 3
- (c) 18
- (d) 21

22. If the perimeter of an equilateral triangle is 24 cm, what is the area of that triangle?

- (a) $8\sqrt{3}$ cm²
- (b) $16\sqrt{3}$ cm²
- (c) $24\sqrt{3}$ cm²
- (d) $32\sqrt{3}$ cm²

23. The concept that describes the beliefs of an individual or culture is called

- (a) Values
- (b) Attitude
- (c) Behavior
- (d) Personality

24. What does this sign mean?



- (a) Slow down and prepare to stop if necessary
- (b) Come to a complete stop at the intersection
- (c) Proceed ahead and maintain a constant speed
- (d) Stop for emergency vehicles

25. World TB Day is celebrated on

- (a) 24th February
- (b) 24th March
- (c) 2th December
- (d) 27th June

MOCK TEST 2**ANSWER KEY**

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

- (b)** Millet is called coarse grain and can withstand drought conditions.
- (a)** Desert rat-kangaroo is an extinct marsupial found in desert area of Central Australia.
- (a)** Lava is molten rock that comes out during a volcanic eruption.
- (a)** Biomagnification is the accumulation of toxic substances in organisms across a food chain.
- (b)** Plastic is a non-biodegradable substance and remains in the environment for a long time.
- (c)** Species consists of sum total of the populations of the same type of organisms.
- (c)** Nitrogen is called pnictogens and lie in the group 15 of the periodic table.
- (a)** An acid tastes sour and when added to a base, the resulting solution is neutral.

- 9. (b)** Venera 9 was an unmanned space mission launched by Soviet Union to record surface conditions of Venus.
- 10. (b)** ISRO - Indian Space Research Organisation was responsible for this mission.
- 11. (b)** Ram Nath Kovind has been elected as the President of India.
- 12. (a)** Pradhan Mantri Suraksha Bima Yojana is about accidental insurance cover.
- 13. (a)** Swami Dayananda Saraswati founded the Arya Samaj.
- 14. (d)** Calumniate means to accuse falsely.
- 15. (b)** William Wordsworth is the poet of the poem, 'Daffodils'.
- 16. (a)** Tang Dynasty is also known as 'The Age of 1000 Entertainments'.
- 17. (a)** Sonal Mansingh is a dancer.
- 18. (c)** World Athletics Championship was held in London, UK in 2017.
- 19. (b)** A. Kerber won the 2018 Women's Singles Wimbledon Championship.
- 20. (b)** Tennis player Stan Wawrinka belongs to Switzerland.
- 21. (a)** 1056 on dividing with 23 leaves remainder 21. So, 2 must be added to make 1056 completely divisible.
- 22. (b)** Let the side of equilateral triangle be x cm. Then, perimeter of triangle = $x + x + x = 3x$ cm
 $\therefore 3x = 24$ (given)
 $\Rightarrow x = \frac{24}{3} = 8$ cm
 Now, area of equilateral triangle
 $= \frac{\sqrt{3}}{4}(\text{side})^2 = \frac{\sqrt{3}}{4} \times 8 \times 8$
 $= 16\sqrt{3} \text{ cm}^2$
- 23. (a)** Values describes the beliefs of an individual or culture.
- 24. (a)** The sign means slow down and prepare to stop if necessary.
- 25. (b)** World TB Day is celebrated on 24 March.