


OLYMPIAD Mock Test

4

Name : _____
Number of Questions : 40

Max. Marks : 40
Time : 2 Hours

There is no negative marking in the test.

- What is the common character of plants listed below?
Rice, wheat, onion, garlic.
(a) They are all herbs.
(b) They are modified stems.
(c) They are modified roots.
(d) They are modified leaves.
- This is large, flat teeth at the back of the mouth. It is more developed in mammals and is used primarily to grind food during chewing. Identify the teeth.
(a) Molars (b) Incisors
(c) Canines (d) Premolars
- This is an endangered animal species in India. Since 2010, it is listed as Endangered on the IUCN Red List. It is the national animal of both India and Bangladesh. Which animal has been described here?
(a) Lion (b) Bengal Tiger
(c) Cheetah (d) Monkey
- This animal is one the four living mammal species commonly known for eating ants and termites. They capture their prey by inserting their tongue into insects' nests. What is the name of the animal?

(a) Anteater (b) Bats
(c) Hedgehogs (d) Tenrec
- Evolution of organisms can be defined as
(a) change in physical characters of living organisms
(b) change in genetic characters of living organisms
(c) both (a) and (b)
(d) none of these
- This breed of dog is a medium-sized, solidly-built, intelligent,

short-haired dog whose early ancestors came from the British Isles. Originally bred to "bait" bulls, the breed evolved into all-round farm dogs, and later moved into the house to become "nanny dogs." Which breed of dog is this?



- (a) American Pit Bull Terrier
- (b) American Water Spaniel
- (c) American Foxhound
- (d) Alaskan Malamute

7. This nut is a popular snack and food source which makes it more effective than other nuts in thickening water-based dishes such as soups, meat stews, and some Indian milk-based desserts. The shell of this nut is toxic. Name the nut.

- (a) Almond
- (b) Cashew nut
- (c) Groundnut
- (d) Pine nut

8. This crop is a tropical evergreen shrub and grows between the Tropics of Cancer and Capricorn. It grows in mountainous areas and does not require mechanical harvesters. Which crop is this?

- (a) Wheat
- (b) Rice
- (c) Maize
- (d) Coffee

9. Evergreen trees bear leaves in all the seasons. The term "evergreen" means that trees will keep growing leaves as other leaves fall off. Which of the following is an example of an evergreen tree?

- (a) Pine
- (b) Oak
- (c) Maple
- (d) Birch

10. The branch of which tree is a symbol of peace?



- (a) Eucalyptus
- (b) Fig
- (c) Olive
- (d) Neem

11. Match column I with column II and select the correct option from the given codes.

Column I**Column II**

- | | |
|--------------------------|------------------|
| A. World Ozone Day | (p) 22 April |
| B. Earth Day | (q) 16 September |
| C. World Water Day | (r) 5 June |
| D. World Environment Day | (s) 22 March |

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G-17

- (a) A-p, B-q, C-r, D-s
- (b) A-q, B-p, C-r, D-s
- (c) A-p, B-r, C-q, D-s
- (d) A-q, B-p, C-s, D-r

12. Read the following statements.

- I. Chipko Movement was a water conservation campaign.
- II. Antarctic Treaty was signed on 1 November 1959.
- III. CNG is environment friendly gas.
- IV. An area where plants and animals live is called an ecosystem.

Choose the true statements.

- (a) I, II and III
- (b) III and IV
- (c) II and IV
- (d) None of these

13. Greenhouse effect means

- (a) release of heat from the plants during daytime
- (b) release of heat into the environment
- (c) slowing the release of heat into environment at night
- (d) none of these

14. World Planting Day is celebrated on

- (a) 21 March
- (b) 22 June
- (c) 5 December
- (d) 22 September

15. Which of the following jumbled words is used for a process that increases air pollution?

- (a) REDEFONOSTATI
- (b) ORAFFEIOSTATN
- (c) TIONPLANTA
- (d) IONCONSERVAT

16. The chemical name of baking soda is

- (a) Sodium carbonate
- (b) Sodium bicarbonate
- (c) Potassium Nitrate
- (d) Sodium Nitrate

17. Which of the following will be attracted by magnets?



- (a) Plastic
- (b) Iron
- (c) Glass
- (d) Wood

18. Which of the following remains in its place when exposed to air for a long time?

- (a) Water
- (b) Camphor
- (c) Wood dust
- (d) Ether

19. Who among the following is known as the 'Father of Genetics'?



(a) William Harvey



(b) Gregor Mendel



(c) Robert Hook



(d) Charles Darwin

20. Which is the largest natural satellite of our solar system?



(a) Callisto (b) Titan
(c) Triton (d) Ganymede

21. Who among the following astronomers discovered the moon 'Titan' and found that Saturn's rings are made of rocks? He also invented pendulum clock?

(a) Christiaan Huygens
(b) Johannes Kepler
(c) Edmund Halley
(d) Galileo Galilei

22. The nearest large galaxy to the Milky Way is



(a) The Whirlpool Galaxy
(b) Bob
(c) Andromeda
(d) Canis Major Dwarf

23. Planet 'X' is named after the Roman God. It is nearest to the earth and its surface is thick with carbon dioxide. Identify the planet.



(a) Saturn
(b) Venus
(c) Mars
(d) Mercury

24. Who among the following is a Lieutenant Governor of a Union Territory and former IPS officer?



(a) Kiran Bedi



(b) Sheila Dixit



(c) Kamla Beniwal



- (d) Draupadi Murmu
25. Which of the following is not a gallantry award?
 (a) Ashok Chakra
 (b) Bharat Ratna
 (c) Kirti Chakra
 (d) Mahavir Chakra
26. Swachh Bharat Abhiyaan is a campaign by the Government of India to clean the streets, roads and infrastructure of India's 4,041 statutory cities and towns. In which year was the campaign launched in India?
 (a) 2015 (b) 2014
 (c) 2017 (d) 2016
27. Which of the following is the world's smallest island?
 (a) Bishop Rock
 (b) Isola Tiberina
 (c) Tristan da Cunha
 (d) Dunbar Rock
28. Who among the following was not a member of the Constituent Assembly of India?
 (a) B.R. Ambedkar
 (b) Rajendra Prasad
 (c) H.C. Mukerjee
 (d) Mahatma Gandhi
29. This is a national park of the United States and is regarded as the first national park in the world. This park is known for its wildlife and Old Faithful geyser. What is the name of the park?
 (a) Yellowstone National Park
 (b) Grand Canyon National Park
 (c) Zion National Park
 (d) Acadia National Park
30. Read the following statements given with codes.
 P-Soon the cells grow into a swimming tadpole.
 Q-The cells in the egg multiply and grow.
 R-A mother frog lays her eggs in water.
 Choose the correct sequence of events.
 (a) P, R, Q (b) Q, R, P
 (c) R, Q, P (d) P, Q, R
31. Indian Ocean is a contemporary rock band from the capital city of Delhi, India. The rock band has compiled music from different genres. Who among the following is one of the members of the band?
 (a) Nikhil Rao
 (b) Mohit Chauhan
 (c) Zubeen Garg
 (d) Javed Ali

32. When was the film 'Padmavat' released?
 (a) 2017 (b) 2016
 (c) 2015 (d) 2018
33. Which of the following actors owns the film production company Red Chillies Entertainment?
 (a) Amitabh Bachchan
 (b) Amir Khan
 (c) Salman Khan
 (d) Shahrukh Khan
34. If you are displeased with someone's behavior, then which of the following is the best option?
 (a) Never talk to that person
 (b) Hit that person
 (c) Stay calm
 (d) Complain to your parents
35. Who has been appointed as the brand ambassador for Swachh Bharat Mission in Uttar Pradesh?
 (a) Sachin Tendulkar
 (b) Amitabh Bachchan
 (c) Akshay Kumar
 (d) Aamir Khan
36. The Nal Sarovar Bird Sanctuary (NSBS) is located in which state?
 (a) Gujarat
 (b) Madhya Pradesh
 (c) Chhattisgarh
 (d) Uttarakhand
37. Which country hosted the 2018 North Atlantic Treaty Organization (NATO) Summit?
 (a) Romania (b) Belgium
 (c) Italy (d) Latvia
38. BS-IV norms are related to
 (a) Automobile emission
 (b) Real estate development
 (c) Banking sector
 (d) Rural development
39. Who has become the world's highest wicket-taker in women ODI cricket?
 (a) Ekta Bisht
 (b) Jhulan Goswami
 (c) Mithali Raj
 (d) Harmanpreet Kaur
40. Who leads the toilet usage campaign "Darwaza Band" of the Union Government?



(a)



(b)



(c)



(d)

MOCK TEST 4**ANSWER KEY**

1	(a)	9	(a)	17	(b)	25	(b)	33	(d)
2	(a)	10	(c)	18	(c)	26	(b)	34	(c)
3	(b)	11	(d)	19	(b)	27	(a)	35	(c)
4	(a)	12	(b)	20	(d)	28	(d)	36	(a)
5	(c)	13	(b)	21	(a)	29	(a)	37	(b)
6	(a)	14	(a)	22	(c)	30	(c)	38	(a)
7	(b)	15	(a)	23	(b)	31	(a)	39	(b)
8	(d)	16	(b)	24	(a)	32	(d)	40	(d)

- (a) Rice, wheat, onion, garlic are herbs because their bodies are clearly differentiated into roots, leaves and stems.
- (a) Molars are large, flat tooth at the back of the mouth and are used primarily to grind food during chewing.
- (b) Bengal Tiger is one of the endangered animal species in India.
- (a) Anteaters are ant eating animals which catch their prey by inserting their tongue into insects' nests.
- (c) Evolution of organisms involves change in both physical and genetic characters.
- (a) American Pit Bull Terrier is a dog breed the ancestors of which came from the British Isles.
- (b) Cashew nuts are used in dishes such as soups, meat stews, and some Indian milk-based desserts.
- (d) Coffee is a tropical evergreen shrub which grows in mountain areas.
- (a) Pine is an evergreen tree whereas Oak, maple and birch are deciduous trees.
- (c) The branch of olive is a symbol of peace.
- (d) A-q, B-p, C-s, D-r
- (b) Chipko Movement was a forest conservation campaign. Antarctic Treaty was signed on an 1st December 1959. CNG is environment friendly gas. Plants and animals that are found in a particular location are referred to as an ecosystem.

13. (b) Global warming is caused by 'greenhouse effect'. The earth's atmosphere has numerous gases which allow solar radiation to pass through it and heat the surface of the earth.
14. (a) World Planting Day is celebrated on 21 March every year to promote planting of trees.
15. (a) Removal of a forest or trees is called deforestation. It leads to air pollution due to decrease in oxygen and increase in carbon dioxide in the atmosphere.
16. (b) Sodium bicarbonate or baking soda is primarily used in cooking and baking as a leavening agent, and as a very effective cleaning agent.
17. (b) Iron is a magnetic substance and will be attracted by magnets.
18. (c) Water, camphor and ether are volatile substances which escape into atmosphere when exposed to air. Wood is a non-volatile substance which remains in its place even when exposed to air for a long time.
19. (b) Gregor Mendel is called the 'Father of Genetics.' He was the first scientist to study plant heredity in pea.
20. (d) Ganymede is the largest natural satellite of our solar system. It is the moon of Jupiter.
21. (a) Christiaan Huygens discovered the moon 'Titan' and found that Saturn's rings are made of rocks.
22. (c) Andromeda Galaxy also known as Messier 31, is a spiral galaxy. It is the nearest large galaxy to the Milky Way.
23. (b) Venus is named after the Roman God and is the nearest planet to the earth.
24. (a) Kiran Bedi is the first IPS officer of India and is currently the Lieutenant Governor of Puducherry.
25. (b) Bharat Ratna is the highest civilian award of the Republic of India given in recognition of exceptional service/performance.
26. (b) Swachh Bharat Abhiyan was launched in the year 2014.
27. (a) Bishop Rock is the world's smallest island located off the western tip of the Scilly Isles, Great Britain.
28. (d) Mahatma Gandhi was not a member of the Constituent Assembly of India.
29. (a) Yellowstone National Park is the first national park of the United States.

Hints & Explanations

- 30. (c)** A mother frog lays her eggs in water after which the cells in the egg multiply and grow. Finally, the cells grow into a swimming tadpole.
- 31. (a)** Nikhil Rao is a member of the rock band Indian Ocean. Other members of the band are Amit Kilam, Rahul Ram, and Himanshu Joshi.
- 32. (d)** The film 'Padmavat' was released in 2018.
- 33. (d)** Shahrukh Khan owns the film production company Red Chillies Entertainment.
- 34. (c)** It is better to stay calm in case you are unhappy with someone's behavior.
- 35. (c)** Akshay Kumar has been chosen as the brand ambassador for Swachh Bharat Mission in Uttar Pradesh.
- 36. (a)** The Nal Sarovar Bird Sanctuary (NSBS) is located to the west of Ahmedabad near Sanand Village in Gujarat.
- 37. (b)** The 29th edition of North Atlantic Treaty Organization (NATO) summit started in Brussels, Belgium on July 11 and 12, 2018.
- 38. (a)** BS-IV vehicles cause less air pollution in comparison to BS-III vehicles.
- 39. (b)** Jhulan Nishit Goswami, Indian women's team bowler, has become the highest wicket-taker in the history of women ODI cricket and broke the record of the Australian bowler Cathryn Fitzpatrick.
- 40. (d)** The Union Government has launched a new countrywide campaign "Darwaza Band" in Mumbai on May 30, 2017 for promotion of toilet usage in the rural areas across the country. Amitabh Bachchan will lead the campaign.