# Ray Talent Hunt Olympiad

**Supported By- Malviya Seva Sansthan**

# Unlock Your Brilliance, Ace the Olympiad

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Supported By- Malviya Seva Sansthan

OMR Sl. No.:



# Ray Talent Hunt Olympiad

**National Rank Scholarship and Reward Assessment**
**Unlock Your Brilliance, Ace the Olympiad**

*Please Fill in the Block Letter's only*

*Name :..........................................................................................*

*Father's Name..............................................................................*

*School Name & Address................................................................*

*.......................................................................................................*

*Student Contact No. ............................ Admit Card No. ................*

## PLEASE TICK (✓)

*Class :*

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|----|----|----|

*Section :* ☐

*C.B.S.E. :* ☐   *I.C.S.E. :* ☐   *State Board :* ☐   *Other Board :* ☐

*Syllabus Based :* ☐   *Mathematics :* ☐   *Hindi :* ☐   *Science :* ☐

*English :* ☐   *Computer :* ☐   *G.K. :* ☐

*Office use only*

## INSTRUCTIONS

*1. Read the instruction before attempting the Question.*
*2. There will be 40 questions in 75 minutes. First 15 minutes allow for fill the OMR sheet. (T & C Apply)*
*3. The OMR sheets needs to be submitted to the invigilator.*
*4. The student cannot use calculator or Log Book.*
*5. Do not open the Question paper until the signal is given.*
*6. Do not rough work on the test paper it self, Do not spoil the OMR Sheet.*

*Each MCQ questions have only one correct answer, For class 1st to 12th, 3 marks will be awarded for each correct answer and zero marks will be awarded for wrong answer as well as unattempted questions.*
*For class 1st to 12th, 1 mark as minus marking for unattempted question.*

## INSTRUCTIONS

- Use Black/ Blue Ball Pen only.   • Fill the box completely.   • Make no stray marks.
- Filling or Partially Filling more than one Circle shall be considered wrong.
- Darken ONLY ONE CIRCLE for each question as shown in the example below.

| | Ⓐ Ⓑ **C** Ⓓ | *Right* | *Time* | **75 min.** | | | | *Marks* | **120** |
|---|---|---|---|---|---|---|---|---|---|
| | Ⓐ Ⓑ Ⓒ Ⓓ | *Wrong* | *Date* | D | D | M | M | Y Y Y Y |

| 1 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 2 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 3 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 4 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 5 | Ⓐ Ⓑ Ⓒ Ⓓ |

| 16 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 17 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 18 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 19 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 20 | Ⓐ Ⓑ Ⓒ Ⓓ |

| 31 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 32 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 33 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 34 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 35 | Ⓐ Ⓑ Ⓒ Ⓓ |

| 6 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 7 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 8 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 9 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 10 | Ⓐ Ⓑ Ⓒ Ⓓ |

| 21 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 22 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 23 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 24 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 25 | Ⓐ Ⓑ Ⓒ Ⓓ |

| 36 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 37 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 38 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 39 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 40 | Ⓐ Ⓑ Ⓒ Ⓓ |

| 11 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 12 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 13 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 14 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 15 | Ⓐ Ⓑ Ⓒ Ⓓ |

| 26 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 27 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 28 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 29 | Ⓐ Ⓑ Ⓒ Ⓓ |
| 30 | Ⓐ Ⓑ Ⓒ Ⓓ |

*For office use only*

RAY TALENT HUNT OLYMPIAD

_____
*Signature of Candidate*

_____
*Signature of Invigilator*

**1. Which vitamin is produced in the human body when exposed to sunlight?**
(A) Vitamin A        (B) Vitamin B
(C) Vitamin C        (D) Vitamin D

**2. What is the main function of red blood cells?**
(A) Fight infections        (B) Carry oxygen
(C) Produce energy        (D) Digest food

**3. The unit of electric current is:**
(A) Volt        (B) Watt
(C) Ampere        (D) Ohm

**4. Which of the following is NOT a renewable source of energy?**
(A) Solar        (B) Wind
(C) Coal        (D) Water

**5. What is the speed of light in vacuum?**
(A) $3 \times 10^8$ m/s        (B) $3 \times 10^6$ m/s
(C) $3 \times 10^4$ m/s        (D) $3 \times 10^{10}$ m/s

**6. Green plants are called:**
(A) Consumers        (B) Producers
(C) Decomposers        (D) Carnivores

**7. The highest civilian award in India is:**
(A) Padma Bhushan        (B) Bharat Ratna
(C) Padma Shri        (D) Param Vir Chakra

**8. Who was the first Indian woman to go into space?**
(A) Kalpana Chawla        (B) Sunita Williams
(C) Indira Gandhi        (D) Bachendri Pal

**9. The famous Konark Sun Temple is located in which state?**
(A) Tamil Nadu        (B) Odisha
(C) Karnataka        (D) Gujarat

**10. Which Indian city is called the Pink City?**
(A) Delhi        (B) Jaipur
(C) Udaipur        (D) Jodhpur

**11. A triangle with all sides equal is called:**
(A) Scalene        (B) Isosceles
(C) Equilateral        (D) Right

**12. A polygon with 5 sides is called:**
(A) Hexagon        (B) Pentagon
(C) Octagon        (D) Triangle

**13. The mean of 2, 4, 6, 8 is:**
(A) 5        (B) 6
(C) 4        (D) 7

**14. $2x = 10 \rightarrow x = ?$**
(A) 4        (B) 5
(C) 10        (D) 2

**15. The radius of a circle with circumference 44 cm ($\pi = 22/7$) is:**
(A) 7 cm        (B) 14 cm
(C) 22 cm        (D) 28 cm

**16. The angle in a semicircle is always:**
(A) 90°        (B) 180°
(C) 45°        (D) 60°

**17. The midpoint of (2, 4) and (6, 8) is:**
(A) (3, 5)        (B) (4, 6)
(C) (5, 7)        (D) (6, 10)

**18. The probability of getting a head in one coin toss is:**
(A) 1        (B) ½
(C) ¼        (D) 0

**19. The chemical formula of water is:**
(A) $H_2O$        (B) $CO_2$
(C) $O_2$        (D) $H_2SO_4$

**20. The process of conversion of water vapor into water is called:**
(A) Evaporation        (B) Condensation
(C) Sublimation        (D) Fusion

**21. What is the minimum age to vote in India?**
(A) 18 years      (B) 21 years
(C) 16 years      (D) 25 years

**22. Which soil is ideal for cotton cultivation?**
(A) Alluvial soil      (B) Black soil
(C) Red soil      (D) Laterite soil

**23. Which country is known as the "Land of Midnight Sun"?**
(A) Norway      (B) Japan
(C) USA      (D) China

**24. Which gas is mainly responsible for global warming?**
(A) Oxygen      (B) Carbon dioxide
(C) Nitrogen      (D) Helium

**25. Choose the correct article: She bought ___ apple from the market.**
(A) a      (B) an
(C) the      (D) no article

**26. Choose the correct modal: You ___ obey the traffic rules.**
(A) may      (B) must
(C) might      (D) could

**27. "The Sun rises in the east." Here, "east" is used as a:**
(A) Adjective      (B) Noun
(C) Pronoun      (D) Verb

**28. Who is the author of *The Lost Child*?**
(A) Rabindranath Tagore      (B) Mulk Raj Anand
(C) R. K. Narayan      (D) Premchand

**29. In *The Fun They Had*, what replaced books in the future?**
(A) Magazines      (B) Virtual reality
(C) Telebooks      (D) Newspapers

**30. In the story *The Adventures of Toto*, what animal was Toto?**
(A) Dog      (B) Cat
(C) Monkey      (D) Parrot

**31. Pick the correct comparative degree: This road is ___ than that one.**
(A) good      (B) better
(C) best      (D) more good

**32. Choose the correct question tag: You are coming, ___?**
(A) aren't you      (B) don't you
(C) didn't you      (D) won't you

**33. The Non-Cooperation Movement was started in:**
(A) 1919      (B) 1920
(C) 1950      (D) 1952

**34. What is the minimum age to vote in India?**
(A) 18      (B) 21
(C) 16      (D) 25

**35. Who gave the slogan "Do or Die"?**
(A) Bhagat Singh      (B) Subhash Chandra Bose
(C) Mahatma Gandhi      (D) Jawaharlal Nehru

**36. Which river is known as the "Dakshin Ganga"?**
(A) Godavari      (B) Yamuna
(C) Brahmaputra      (D) Krishna

**37. The Himalayas are an example of:**
(A) Block mountains      (B) Fold mountains
(C) Volcanic mountains      (D) Residual mountains

**38. The Sundarbans forest is famous for:**
(A) Lions      (B) Tigers
(C) Elephants      (D) Leopards

**39. India is a:**
(A) Monarchy      (B) Dictatorship
(C) Republic      (D) Federal colony

**40. How many members are nominated by the President in Rajya Sabha?**
(A) 2      (B) 10
(C) 12      (D) 15