

# INTERNATIONAL TALENT HUNT OLYMPIAD **2014**



**iTHO**

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FOR SUPREMACY IN SCIENCE & MATHEMATICS

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Class 5th

Syllabus & Sample Questions

Organ system, Our Basic Needs, Our Food, Our Clothes, Deficiency Diseases, Communicable Diseases, Our Earth, Conservation of Natural resources, Natural Calamities, Language of Map, Transport and Communication, National Symbols, Indian Heritage, Number system, Arithmetic Operations, Factors and Multiples, Fractions and Decimals, Unitary Method, Metric System, Money, Time, Geometry, Patterns, Symmetry, Three-dimensional Shapes, Perimeter, Area and Volume, , Data Handling, Analogy, Blood relation, Classification, Coding Decoding, Direction Test , Letter series, Mixed series , Non verbal & Number series.

*The actual question paper contains 40 questions. The duration of the test paper is 60 minutes.*

1. Which one of the following is an alloy ?

- (A)  Gold
- (B)  Iron
- (C)  Copper
- (D)  Stainless steel
- (E)  None of these

2. Which one of the following type of objects allows maximum amount of light to pass through it?

- (A)  Opaque
- (B)  Translucent
- (C)  Transparent
- (D)  All of these
- (E)  None of these

3. Which one of the following type of pollution causes depletion of ozone layer?

- (A)  Air pollution
- (B)  Water pollution
- (C)  Land pollution
- (D)  All of these
- (E)  None of these

4. Which one of the following is not the part of our solar system ?

- (A)  Asteroids
- (B)  Meteors
- (C)  Halley comet
- (D)  Orion constellation
- (E)  None of these

5. Which one of the following is an aquatic plant?

- (A)  Water lily
- (B)  Mango
- (C)  Guava
- (D)  Rose
- (E)  All of these

6. In a chocolate factory there are 3 machines. The first machine produces 82 chocolates per day, the second machine produces 81 chocolates per day and the third machine produces 42 chocolates per day. How many chocolates were produced in February 2000 ?

- (A)  5943
- (B)  5946
- (C)  5945
- (D)  5948
- (E)  None of these

7. Find the successor of P where  $P = A + B$ , and  $A = 96$ ,  $B = 2A$

- (A)  287                      (B)  288  
 (C)  289                      (D)  290  
 (E)  None of these

8. Which one of the following number is not divisible by 3?

- (A)  2772  
 (B)  3035  
 (C)  4782  
 (D)  1230  
 (E)  None of these

9. Find the perimeter of rectangular playground whose length is 32.5 m and breadth is 16.4 m.

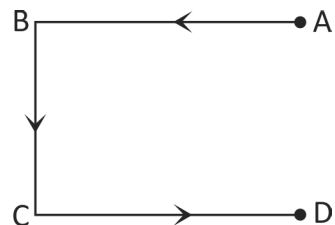
- (A)  97.8 m                      (B)  154 m  
 (C)  93.4 m                      (D)  87.9 m  
 (E)  None of these

10. Which one of the following geometrical shapes is made up of a curved line?

- (A)  Circle  
 (B)  Triangle

- (C)  Quadrilateral  
 (D)  All of these  
 (E)  None of these

11. See the given figure and find the direction from C to D.



- (A)  West to North  
 (B)  East to North  
 (C)  North to South  
 (D)  West to East  
 (E)  None of these

12. If 'EF' is coded as 'CH', then 'LT' will be coded as

- .....  
 (A)  TL                              (B)  UM  
 (C)  JV                              (D)  VJ  
 (E)  None of these

### Answers

1. (D)      2. (C)      3. (A)      4. (C)      5. (A)      6. (C)  
 7. (C)      8. (B)      9. (A)      10. (A)      11. (D)      12. (C)