



13<sup>th</sup> Indian Science Olympiad



Shri Balvant Parekh

Bhavnagar



7<sup>th</sup> Indian Cyber Olympiad

Date : 15-12-2019

Date : 22-12-2019

**Respected Principal,**

Greetings for the new academic year. Shri Balvant Parekh Science City has been working to promote scientific temperament, attitude and skill development among children, teachers and community. Science city has various programs/projects to increase children capacity in field of science education which will strengthen the upcoming Era.

Shri Balvant Parekh Science city has good updated Biology, Physics, Chemistry, Mathematic & Computer lab, Science museum with Planetarium, Library, Auditorium, Science Playground, Energy park & Khajano (to purchase educational materials) and facility to developing scientific approach, skills and attitude. Various Programs are like, Science safar for private & government schools, Science Mobile van for rural schools of Bhavnagar district, Science express magazine - Gujarati & English for students, teachers and community also. Vocational Training programs for skill development and employment with course like Computer Hardware, Tally, Photography & Videography. ISO-ICO examination to support in students curriculum.

After encouraging response from schools of India, we are organising "**Indian Science Olympiad**" (ISO) for the students of Std. 4<sup>th</sup> to 10<sup>th</sup> from the year 2008 & "**Indian Cyber Olympiad**" (ICO) for the students of Std. 5<sup>th</sup> to 12<sup>th</sup> and college from the year 2013. We wish you to be a part of our team to come out for the betterment of the students, Olympiad will develop and cultivate a scientific attitude among the students.

**ISO - ICO** also helps the students for national level entrance examinations like, IIT-JEE, AIEEE, PMT, NDA, CDS, CAT, UPSC etc. to understand culture of entrance test.

**Since 2008 more than 4.25 lakhs participants from 2000+ schools have been participated in the "Olympiads"**

**On line registration for ISO-ICO exam please visit our web site: [www.sciencecity.co.in](http://www.sciencecity.co.in)**

**For more details please contact**

**SHRI BALVANT PAREKH SCIENCE CITY**

Ambawadi, Bhavnagar-364001(Gujarat) Phone (0278) 2205220,2206220,2209220

Email: [sciencecity.bhavnagar@gmail.com](mailto:sciencecity.bhavnagar@gmail.com), WhatsApp no.:- 94 26 220 126.

**ISO-13 Fees Rs. 60/-**

- \* **Olympiad Date** : 15-12-2019
- \* **Time** : 10 to 11.30 (90 Minute)
- \* **Place/Center** : At Your School
- \* **Medium** : English/Gujarati
- \* **Sections** : Std 4<sup>th</sup> to 10<sup>th</sup>  
(7 Sections)

**Subjects** : MCQ questions on  
**(1) Physics**  
**(2) Chemistry**  
**(3) Biology**  
**(4) Energy**                      **(5) Environment**

**ICO-7 Fees Rs. 60/-**

- \* **Olympiad Date** : 22-12-2019
- \* **Time** : 10 to 11.30 (90 Minute)
- \* **Place/Center** : At Your School
- \* **Medium** : English/Gujarati
- \* **Sections** : Std 5<sup>th</sup> to 12<sup>th</sup> & Collage  
(7 Sections)

**Subjects** : MCQ questions on  
**(1) Computer Software** **(2) Hardware**  
**(3) Math & Mental ability**  
**(4) Logical & Analytical Reasoning**  
**(5) Communication Networking-IT**

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**BENEFITS TO EACH STUDENT**

1. Preparatory Work-book for ISO and ICO will be given to each participants.
2. Winners from the both olympiads will be awarded by scholarship worth Rs.2.5 lac.
3. Each participant will be gets a National Level participation merit certificates.

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Schools will be given Rs. 10 per student per olympiads, which will be utilised for managment of "**Indian Olympiad**" (ISO-ICO).

Being a reputed NGO of Gujarat & getting support from industries/donner, we can carry out this Indian Science Olympiad with a little fees so, most of the childrens can take benefit.

**Rs. 60 includes free preparatory work book (Examination Material), Multicolour Certificate & School Management fee & seleted children get motivational prize.**

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**IMPORTANT DATES**

- Last Date for ISO-ICO Registration** : 30-08-2019
- Book deliver Date** : 15-09-2019
- Date for ISO-13 Exam** : 15-12-2019
- Date for ICO-7 Exam** : 22-12-2019
- Date for Result of ISO-ICO** : 28-2-2020 National Science Day

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**Guidelines for Coordinator " Indian Olympiads " (ISO-13, ICO-7)**

- (1) To register as a center, the school shall have to enroll at least a total of 30 students.
- (2) Please register Students in the class after providing proper information and explanation about **ISO-13 & ICO-7**.
- (3) To confirm your school as a centre, please send us, filled School Registration with complete list of students of different standards along with fees.
- (4) You can also do online registration on our website : [www.sciencecity.co.in](http://www.sciencecity.co.in)**

## SCHOOL REGISTRATION FORM

13<sup>th</sup> INDIAN SCIENCE OLYMPIAD \* 7<sup>th</sup> INDIAN CYBER OLYMPIAD

Medium:  English  Gujarati ISO-13  ICO-7  (do '√' mark)

School Name : _____	Centre Code	ISO-13					
City/ Village : _____	(We will provide)	ICO-7					

The Co-ordinator,  
ISO-13 & ICO-7

**Shri Balvant Parekh Science City**  
Ambawadi, Bhavnagar - 364 001.

We wish to enroll our school for **13<sup>th</sup> INDIAN SCIENCE OLYMPIAD & 7<sup>th</sup> INDIAN CYBER OLYMPIAD (ISO-ICO)** to get the Centre. We have accepted the rules & terms. Please inform our Centre Code Number. The necessary details are as under along with fees.

Principal's Name : \_\_\_\_\_ Mobile No. : \_\_\_\_\_

Name of School : \_\_\_\_\_

School Address : \_\_\_\_\_

City/ Village \_\_\_\_\_ Taluka \_\_\_\_\_ District \_\_\_\_\_ Pin code : \_\_\_\_\_

School Phone (with STD code) : \_\_\_\_\_ Mobile No : \_\_\_\_\_

School timing : \_\_\_\_\_ E mail : \_\_\_\_\_

**Name of ISO/ICO Co-ordinator :** \_\_\_\_\_

Whatsapp No : \_\_\_\_\_ Mobile : \_\_\_\_\_

**To collect prizes amount** \_\_\_\_\_

A/c Holder Name : \_\_\_\_\_ Bank A/c No. : \_\_\_\_\_

Bank Name & Branch : \_\_\_\_\_ IFSC Code : \_\_\_\_\_

Courier for School: Mahabali (old-Balaji) / Tirupati / Other (do '√' mark)

Correspondence Address to send literature/paper by Courier/Post/Transport :

If your school is located at remote place then you will have to provide another address at Taluka place to collect the **MATERIALS (Correspondence, Literature, Question papers, Result & Certificates) BY POST PARCEL**. Responsibility of collecting will be yours only.

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

**C/o Address at Taluka place if required**

Village/City: \_\_\_\_\_ Taluka : \_\_\_\_\_ District : \_\_\_\_\_

Pin code : \_\_\_\_\_ Mobile : \_\_\_\_\_

ISO/ICO supported 1. \_\_\_\_\_

teachers name : 2. \_\_\_\_\_

**A : ISO-13 Participants**

Std	Nos. of Students	Rs.	Total Rs.
4		50	
5		50	
6		50	
7		50	
8		50	
9		50	
10		50	
<b>ISO Total</b>			

**B : ICO-7 Participants**

Std	Nos. of Students	Rs.	Total Rs.
5		50	
6		50	
7		50	
8		50	
9		50	
10		50	
Open		50	
<b>ICO Total</b>			

Total amount of Rs is being paid in the favour of **Monghiben Balvihar Trust, Bhavnagar** by Personally  DD  MO  Micr Cheque  in Bank

DD / MICR Cheque no. \_\_\_\_\_ Bank \_\_\_\_\_ Dt. \_\_\_\_\_

Details of Science City bank account for direct DEPOSITE fee amount.

- HDFC A/c No. 01371000060842 Monghiben Balvihar Trust IFSC Code : HDFC0000137  
 Axis A/c No. 200010100059352 Monghiben Balvihar Trust IFSC Code : UTIB0000200  
 SBI A/c No. 30566363671 Monghiben Balvihar Trust IFSC Code : SBIN0016689

Please send the xerox copy of the payslip to us.

**Undertaking** : We undertake that, if any misconduct or malpractice is found in our center ( in answer sheet or any other form), then science city has a right to suspend results of partly or whole of our students, without any clarifications. The final decision of the ISO committee will be final in any matter. More over our students will be ready to face 2<sup>nd</sup> written / oral test if required for final result. (Subject to Bhavnagar (Gujarat) Jurisdiction)

**Note-1** Fees Amount in cash should not be given to our any representative who come to your school for marketing or any purpose.

**Note-2** Cash only acceptable at our campus and after paying the fees, Please collect the receipt.

School stamp

Date:

For Office use only

Signature of

Principal

Receipt No \_\_\_\_\_

Signature of

Co-ordinator

Dated \_\_\_\_\_

	Date	Dispatch by	Official Sign	Received Date
ISO Workbook				
ICO Workbook				
Question paper				
Results				
Certificates				



## Following Schools Had Enrolled 75 or More Strength in ISO-12/ICO-6

1. I. P. Sawani High School, Surat
2. Ambe Vidhyalay(gujarati Medium) Vadodra
3. Shree Adarsh Primary Vidhyalay, Hadadad
4. Shree Dindayal Smruti Trust Sanchalit School, Surat
5. Archana Vidhyabhavan, Surat
6. Skum Sanchalit K. K. P Primary School, Ahemdabad
7. Smt. R. A Kalathiya Vidhyabhavan, Botad
8. Smt. K. V. Makadiya Primary School /Smt. R. M. Tilwa High School, Sidsar
9. Jay Somnath Higher Secondary School, Ahemdabaad
10. Smt. S. J. Dani Primary School, Botad
11. Baps Swaminarayan Vidhyamandir, Vadodara
12. Purusharth Vidhyamandir, Bhanvad
13. Takhshshila Vidhyamandir, Mahesana
14. P.B.Desai Primary School, Surat
15. Shravan Vidhyabhavan, Ankleshwar
16. Vimal Miriyam High School, Gamdi
17. Shree Swaminarayan Vidhyalay(Primary Section), Bhavnagar
18. Shree P. V. Modi School, Rajkot
19. Sheth H. S. Shirovala High School, Bodeli
20. P. P. Sawani Vidhyabhavan, Surat
21. Aadarsh Vidhyalay, Lunavada
22. Shree Dayalji Kasanji Bhatarkar Vidhya Sankool, Choryasi
23. Shree V. J. Modi School, Rajkot
24. D. D. High School For Girls, Navsari
25. Shree Sardar Patel Vidhyalay, Surendranagar
26. Killol Primary School, Upleta
27. Radhaba Shyamlal Patel Vidhyalay, Dharampur
28. Om Shanti Vidhyalay, Morbi
29. Masoom Vidhyalay, Rajkot
30. Eklavya Public School, Junagadh
31. Jagruti High School, Kuvazar
32. Shree Swaminarayan Gurukul, Gadhda
33. Chimanbhai Patel Vidhya Sankool, Dabhoi
34. Tapovan Vidhyalay, Morbi
35. Unnati Vidhyalay, Bharuch
36. Aaryabhoomi Vidhyalay, Karajan
37. Aadarsh Vidhyalay, Talaja
38. Gyanmanjari School-ralgon, Talaja
39. Smt. P. D. Shrof Sanskardip Vidhyalay, Ankleshwar
40. Saint Mary School, Bhavnagar
41. Shree Aatmiya Shishu Vidhyalay, Rajkot
42. Mahavir Jain Charitray Kalyan Ratnashram Matrushree Umarbai Lalji Ankervala Vidhyamandir/ Shree Kesri Jainachary Punamchandraj High school, Songadh
43. Utkarsh Vidhyalay(Gujarati Medium), Vadodara
44. Smt. L. K. Sanghvi Kanya Vidhyalay, Vankaner
45. Shree Ghnshyam Vidhyamandir, Kilapardi
46. Shree Swami Vivekanand Gurukul Primary Vidhyalay, Sihor
47. Darshan School, Veraval
48. Shree Bhandariya Kendravarti Shala, Bhandariya
49. Shree Mandvada-1 Prathmik Shala, Palitana
50. Matrushree Navalben G. Shah Gujarati Prathmik Shala, Jamnagar
51. Shree Vishudhanand Prathmik Shala, Bhavnagar
52. Shree M. P. High School, Jarod
53. Veer Vitthalbhai Patel High School, Karamsad
54. Shree Triveni Tirth Prathmik Shala, Mahuva
55. Shree Deepdarshan Vidhyamandir, Rajkot
56. Ultra Vision Academy, Surendranagar
57. Shree C. A. Patel Learning Institute, Baroda
58. Shree Gambhirsinhji Prathmik Shala, Valbhipur
59. Nalanda Vidhyalay, Prantij
60. Madhavbaug Vidhyabhavan, Surat
61. Nirmala Vidhyalay, Morbi
62. Madhuri Mansukhlaal Vasa Pri. School & High School, Gandhinagar
63. Shree Jaykorbai Vidhyamandir, Mahesana
64. Alembic Vidhyalayl, Vadodara
65. Swaminarayan Madhyamik Shala, Surat
66. Jivan Bharti Pravrutti Vidhyalay, Surat
67. Shree Swaminarayan Goodwill School, Bharuch
68. Shree B. K. Bhansali Vinaymandeer, Palanpur
69. J. B. Modi Vidhyalay, Zadeshwar
70. Shree Veer Shahid Harendragiri Vidhyalay, Maliya Hatina
71. Shri Balavnt Parekh Vigyannagri, Bhavnagar
72. Karimiyah Girls High School, Modasa
73. Sanskar Prathmik Shala, Rajkot
74. C. K. Gohil Prathmik Shala, Rajkot
75. Pay center Shala No. 1, Savarkundla
76. Sungress Vidhyalay, Surat
77. Sabri Vidhya Vihar, Nagalpur
78. Sakarbai Khimji Ramdas Memorial School, Mandvi
79. Smt. R. A. Kalathiya Vidhyabhavan, Boatd

### ...Valuable Books...

Science City developed a valuable book in gujarati. It is based on science, maths, value education, skills, adventure story for the children. A set of 100 books is useful to save our culture and awareness in community. Cost of 100 books set is Rs.6000/- but to promote reading habit in students and develop our culture it cost is reduced Rs.2000/- Only. More information contact Vignannagari, Bhavnagar.

**You may send MO or MICR cheque in the name of Monghiben Balvihar Trust.**

## Sample Questions for ISO





1. The opposing force acting between two surfaces in-
  - (1) Friction
  - (2) Gravitational force
  - (3) Electrostatic force
  - (4) Magnetic force
2. This is not present in animal cell
  - (1) Cytoplasm
  - (2) Vacuoles
  - (3) Nucleus
  - (4) mitochondrion
3. Which of the following joints is immovable?
  - (1) Shoulder and arm
  - (2) Knee and joint
  - (3) Upper jaw and skull
  - (4) lower jaw and upper jaw
4. Network of veins in the leaves is called-
  - (1) Pollination
  - (2) Transpiration
  - (3) Venation
  - (4) Fixation
5. The common name of copper sulphate is-
  - (1) Nitrate
  - (2) Lime
  - (3) Blue vitriol
  - (4) Phitkari
6. Who invented miner's safety- lamp?
  - (1) Edison
  - (2) Humphrey Davy
  - (3) James Watt
  - (4) Lindsay

## Sample Questions for ICO

### COMPUTER

1. How are physical units of computer known?
  - (1) Hardware
  - (2) Software
  - (3) Firmware
  - (4) All the above
2. Which is an example of an output Unit?
  - (1) Keyboard
  - (2) Barcode reader at superstore
  - (3) Printer
  - (4) Mouse
3. By which other name is character printer known?
  - (1) Dot-matrix Printer
  - (2) Inkjet Printer
  - (3) Laser Printer
  - (4) All the above
4. \_\_\_\_\_ is not true for open office.org
  - (1) It is freeware.
  - (2) It is open source
  - (3) It is a centralized software
  - (4) All of these
5. What kind of software is Linux?
  - (1) Completely free of charge
  - (2) Legal
  - (3) Operating system
  - (4) All the given
6. Which short key is available to lock computer?
  - (1) Ctrl + Alt + L
  - (2) Ctrl + Shift + L
  - (3) Alt + Shift + L
  - (4) Ctrl + Space + L
7. Which file system is unremovable?
  - (1) Root
  - (2) Removable Device
  - (3) Optical Disc
  - (4) All the given
8. Which key is useful to show all windows minimized?
  - (1) Ctrl + D
  - (2) Alt + D
  - (3) Super + D
  - (4) Ctrl + Space + D
9. \_\_\_\_\_ displays the Ubuntu version in use and some introductory material on it.
  - (1) Help and Support
  - (2) About GNOME
  - (3) About Ubuntu
  - (4) Ubuntu One
10. \_\_\_\_\_ is used just to select the icon.
  - (1) Left click
  - (2) Right click
  - (3) Double click
  - (4) Dragging

### ANALYTICAL & REASONING ABILITY

1. Square root of  $11 \frac{14}{25}$  is \_\_\_\_\_.
  - (1)  $3 \frac{1}{5}$
  - (2)  $2 \frac{2}{5}$
  - (3)  $3 \frac{2}{5}$
  - (4)  $4 \frac{1}{5}$
2.  $(6^3 - 1) + (5^3 - 1) + (4^3 - 1) =$ 
  - (1) 324
  - (2) 404
  - (3) 365
  - (4) 402
3. The value of  $\frac{13}{4}$  exists between two no. is \_\_\_\_\_.
  - (1) 3,4
  - (2) 4,5
  - (3) 13,14
  - (4) 4,13
4. \_\_\_\_\_% of 10.8 = 32.4
  - (1) 100
  - (2) 200
  - (3) 300
  - (4) 400
5. The average of 11 number is 21. If 3 is added to each given number what will be the average?
  - (1) 21
  - (2) 31
  - (3) 33
  - (4) 24
6. In the given figure AB || CD and CF=300 then  $\angle FCD$  is
  - (1)  $90^\circ$
  - (2)  $120^\circ$
  - (3)  $60^\circ$
  - (4)  $45^\circ$
8. Two dies are thrown simultaneously what is probability of a getting 3 on both dies?
  - (1)  $\frac{1}{6}$
  - (2)  $\frac{1}{36}$
  - (3)  $\frac{3}{36}$
  - (4)  $\frac{6}{36}$
9. CART : ART :: FOUR : ?
  - (1) RUN
  - (2) TWO
  - (3) QUE
  - (4) OUR
10.  $4 : 36 :: 6 : ?$ 
  - (1) 63
  - (2) 54
  - (3) 35
  - (4) 30
11. The following figures is converted into a case. Its incorrect shape will be
  - (1) 
  - (2) 
  - (3) 
  - (4) 

## First 500 School Get Benefits if School...

ISO-ICO - 400 Numbers or  
ISO-ICO - 300 Numbers + 50 Science Express or  
ISO-ICO - 200 Numbers + 75 Science Express or  
ISO-ICO - 100 Numbers + 100 Science Express  
of students registration. School will get  
Science Experiment Kit Or set of 100 valuable books  
Or Science-Math Models No-5.

## For primary and secondary school...



Science city developed science kit, It has necessary glass ware, materials, chemicals with manual approx 181 different experiments. Science Kit is available in a low cost at Science City, Bhavnagar.

### Printed Matter Book Post

**Sender:**

Monghiben Balvihar Trust  
Shri Balvant Parekh Science City  
Behind Yashvantrao Natyagruha, Ambawadi,  
Bhavnagar - 364001  
Phone : 0278-2205220 / 2206220 / 2209220  
Whatsapp No. : 9426220126  
E-mail: sciencecity.bhavnagar@gmail.com  
Website : www. sciencecity.co.in

To. \_\_\_\_\_  
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