

Brochure for students

National Standard Examinations in
PHYSICS, CHEMISTRY, BIOLOGY, ASTRONOMY & JUNIOR SCIENCE
(NSEP, NSEC, NSEB, NSEA & NSEJS)

2011-2012 Examinations

What is IAPT?

IAPT (Indian Association of Physics Teachers) is an association of Physics Teachers spread throughout the country. It was started by Late Dr. D. P. Khandelwal in 1984 and today it has 5300 life members. All the work of this (our) organization is voluntary in character-thus NOBODY is paid any Honorarium or remuneration for ANY WORK of IAPT.

What is NSEP? NSEC? NSEB? NSEA? or NSEJS ?

National Standard Examinations (NSEP in Physics, NSEC in Chemistry, NSEB in Biology, NSEA in Astronomy and NSEJS in Junior Science) are nationwide examinations organized by IAPT. We have been conducting NSEP for last 25 years by now. NSEP, NSEC, NSEB and NSEA are at CBSE class XII level while NSEJS is at CBSE class X level. These NSEs are the FIRST and THE ONLY SCREENING TESTS leading towards International Olympiads in the respective subjects.

What are Science Olympiads?

International Olympiads are held every year in Mathematics, Physics, Chemistry, Biology, Astronomy and Junior Science.

Olympiads are internationally recognized competitions in various fields of knowledge. They are the highest level examinations and are hosted by different countries every year. Participation in any of the Olympiads has worldwide recognition and is considered as a great achievement.

How do I go to (or participate in) the Physics (or Chemistry or Biology or Astronomy or Jr. Science) Olympiad ?

You **will** have to appear for NSEP (or NSEC / NSEB / NSEA/ NSEJS) – **be in the top 300** students and then through the Indian National Physics Olympiad (INPhO or INChO or INBO or INAO or INOJS) you may be selected for the further stages of the respective International Olympiad Programme.

Is there any other way to go to International Olympiads in these subjects?

No! There is none.

How do I enroll myself for any of these?

You must register from your OWN School / College. The Principal (or Physics or Science Teacher) of your College/ Jr. College / High School will enroll you. He will give you all further instructions. In case you have any difficulty then refer to our website www.iapt.org.in. List of all NSE centres of last year (viz 2010-11) is available on the website. The name of contact person at the respective centre is also indicated. Enrolment at the centers only. No direct enrolment.

What are the fees?

Rs 75/= per student per subject (per examination) to be paid in cash to the centre in charge. DO NOT SEND ANY MONEY TO IAPT OFFICE. This exam fee cannot be refunded

What are the details of the entire selection procedure?

National Standard Examinations (NSEs) are conducted at about 1000 centres all over India; Thousands of students appear for each subject at these examinations. National TOP 300 students from each of these NSEs are called for Indian National Olympiads (viz. INPhO, INChO, INBO, INAO or INJSO) Individual letters are sent to these students informing that they have to appear for Indian National Olympiads (INOs). All these INOs are organized by HOMI BHABHA CENTRE for SCIENCE EDUCATION (HBCSE) Mumbai. TOP 35 students are chosen on the basis of their performance at these INOs. These 35 students in each subject attend Orientation cum Selection Camp (OCSC) in respective discipline for about 2 weeks at HOMI BHABHA CENTRE for SCIENCE EDUCATION (HBCSE) Mumbai. Indian team to participate in International Olympiad is selected from the OCSC in respective subject. For more details visit www.hbcse.tifr.res.in/olympiads

Are there any other fees for these INOs or camps?

None! You pay only once at the time of enrolment; that's all.

What is the time schedule ?

LAST DATE OF ENROLMENT ; 15th SEPTEMBER 2011.

Examination schedule: Kindly see the attached table.

Note: all the five are on the same day SUNDAY, 27th November 2011

Probable dates of INOs : 28th and 29th January 2012

Expected dates of results of INOs : 1st March 2012

OCSCs : April– June 2012.

Evaluation procedure for Physics:

Part A is evaluated of ALL the students. Part B is assessed of ONLY those students securing more than a certain "cut off" marks in Part A. Note, part B is NOT evaluated of ALL the students. The TOP 300 students eligible to appear for INPhO are selected on the basis of marks obtained in parts A and B taken together.

Are there any CERTIFICATES / AWARDS ?

- i) In each subject, certificates are given to 'top 10%' students of every centre.
- ii) Merit Certificates are awarded to "top 1%" students in each state, in each subject.
- iii) Special Merit Certificates and a prize (book) will be awarded to National top 1% students in each subject.
- iv) Gold Medals are awarded to the Top 35 students from INPhO, INChO and INBO examinations.

Are old Question papers available?

Yes. Set of last four years' question papers with answers/solutions (in Physics, Chemistry, Biology and Astronomy) is available. You have to send a DD of Rs. 100/- in favour of "IAPT", payable at Pune, to our office and set will be dispatched by Regd. Post / Courier.. Write your name and complete postal address (with PIN) on the back of DD.

As set of last three years' question papers with answers/solutions (in Junior Science) is available. Send a

DD of Rs. 50/- in favour of "IAPT", payable at Pune, to our office and set will be dispatched by Regd. Post / Courier.. Write your name and complete postal address (with PIN) on the back of DD.

Prof. R. M. Dharkar : Chief Co-ordinator of IAPT exams.

Prof. M. L. Ogalapurkar : Co-ordinator, NSEP, NSEC, NSEB

Prof. J. P. Gadre : Co-ordinator, NSEA NSEJS

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	NSEP	NSEC	NSEB	NSEA	NSEJS
Day and Date	Sunday, 27th November 2011	Sunday, 27th November 2011	Sunday, 27th November 2011	Sunday, 27th November 2011	Sunday, 27th November 2011
Time of Exam	0930 to 1130 Hrs	1230 to 1430 Hrs	1500 to 1700 Hrs	1500 to 1700 Hrs	1500 to 1700 Hrs
Eligibility (i.e.) who can appear for	Indian Students born on or after 1st July 1992 AND studying in std XII or lower as on 30th Nov. 2011	Indian Students born on or after 1st July 1992 AND studying in std XII or lower as on 30th Nov. 2011	Indian Students born on or after 1st July 1992 AND studying in std XII or lower as on 30th Nov. 2011	Indian Students born on or after 1st July 1993 AND studying in std XII or lower as on 30th Nov. 2011	Indian Students born on or after 1st January 1997 AND studying in std X or lower as on 30th Nov. 2011
Level of Question Paper	CBSE Std. XII	CBSE Std. XII	CBSE Std. XII	CBSE Std. XII	CBSE Std. X
Language of Q.Paper	Q.P. may be available in English, Hindi, Bangla & Gujarati provided there are at least 300 students opting for a language.	Question Paper will be in English only	Question Paper will be in English only	Question Paper will be in English only	Question Paper will be in English only

Details of Question Paper	Part A :Multiple Choice Questions Part A 1 :40 questions with only single correct option (negative marks for wrong answer) + Part A2: 10 questions with any number (1,2,3 or 4) options may be correct All the correct options must be marked to get the credit. + Part B : 5 or 6 Problems or Short Answer Questions.	Part A only (i.e.) 80 Multiple Choice questions. Negative marks for incorrect answers Total 240 marks	Part A only (i.e.) 80 Multiple Choice questions. Negative marks for incorrect answers Total 240 marks	Part A only (i.e.) 80 Multiple Choice questions. Negative marks for incorrect answers Total 240 marks	Part A only (i.e.) 80 Multiple Choice questions. Negative marks for incorrect answers Total 240 marks
Total Marks	240	240	240	240	240

Please
Note :

(1) The eligibility criteria are laid down by the authorities.

(2) It is your (the student's) responsibility to determine that you satisfy the eligibility norms. If at some later stage it is found that you do not satisfy the norms you will be immediately disqualified. No refund of fees.