

FOR STUDENTS

National Graduate Physics Examination NGPE - 2013



INDIAN ASSOCIATION OF PHYSICS TEACHERS

Registered Office : L117/302 Naveen Nagar, Kanpur - 208 025 (U.P.), (Regd. No. K 1448) Web : www.iapt.org.in
: www.indapt.org.in

Day, Date & Time of Examination : Sunday, 20th January 2013, 10.00 AM to 1.00 PM

Last Date for Enrolment : 23rd November 2012

For students studying in B.Sc. I, II and III pass/honours/Integrated

What is IAPT?

Indian Association of Physics Teachers (IAPT) is an organization of Physics Teachers spread throughout the country. It was started by Late Prof. D.P. Khandelwal in 1984 and today it has more than 5000 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.

All work of IAPT and therefore of this examination (NGPE) is VOLUNTARY.

What is NGPE?

National Graduate Physics Examination (NGPE) is a voluntary Examination conducted by Indian Association of Physics teachers every year in the month of January throughout India from Kashmir to Kanya Kumari at about 250 centers for Graduate students studying Physics since last 23 years. A few of its salient features are listed below:

- ◆ Tension free examination. Fully voluntary in character. Any student in B.Sc. can appear.
- ◆ The only national level examination testing students in theory and experiment at Graduation level.
- ◆ Individual's own assessment at all India level.
- ◆ Carry away the question paper both part A and part B.
- ◆ Solution in Printed Form are provided to centre In-charge for each examinee.
- ◆ Single question paper for all B.Sc. I, II and III students with separate national merit.
- ◆ Last Year (2012) Question Paper & its Solution is provided to every centre registered for NGPE 2013.
- ◆ Appropriate awards for Toppers.

Eligibility for NGPE - 2013:

Any student studying at BSc I, II and III (Pass, honours or Integrated) is eligible for the NGPE-2013. To note, any one who has already passed BSc is not eligible, however the students, who have enrolled for integrated MSc (Physics) programme of five years, can appear in this examination when in any of first three years.

How do I enroll myself for NGPE - 2013?

Any student who desires to enroll him/her for NGPE-2013 should contact his/her Head of Physics Department or any other Senior faculty member in his/her college. The HOD Physics of the college can enroll its students or students from other neighbouring institutions for NGPE. At least ten students to have a centre. In case this college/Institute is not a registered centre, He/She may contact Dr. B P Tyagi, Co-ordinator NGPE on: 0135-2787020, 09837123716, email : bptyagi@rediffmail.com

What are Examination charges?

The Examination Charges for NGPE-2013 is Rs: 100/- (Rupees One Hundred only);

US. \$ 15/= for overseas candidates.

To be paid through Centre-Incharge of your college.

Language for NGPE

The question paper of NGPE is available in any of the following languages ENGLISH, HINDI, GUJARATI, TAMIL and TELUGU or any other language provided that one hundred students opt. for it.

Format of the question paper

Question paper contains three parts viz. Part A, Part B-I and Part B-II.

Part A contains 25 Multiple Choice Questions (each question for 6 marks; total 150 marks) covering the entire syllabus of BSc I, II and III. Any number of options (1, 2, 3 or all the 4) may be correct. Credit is given only if all the correct options are marked.

Part B-I contains short answer questions ten in number (B_1 to B_{10}) each for 5 marks (answer five to six lines only) total 50 marks.

Part B-II contains Numerical Problems ten in number (P_1 to P_{10}) each for 10 marks, total 100 marks.

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Day, Date and time of Examination : Sunday 20th January 2013, Time : 10 AM to 1 PM

Result : 20th March 2013 On: www.indapt.org.in

Certificates and awards for being in

Top 10% at Each Centre : Certificate

Top 1% at the State Level : Merit Certificate

Top 1% at National Level : Merit Certificate + Book Prize and the following :

♦ TOP 25 STUDENTS WILL BE ELIGIBLE FOR APPEARING IN NGPE - 2013 PART-C (an examination in experimental skill) FOR FINAL SELECTION FOR GOLD MEDAL AND SCHOLARSHIP (Max. 5 in Number) worth Rs. 10,000/- (Ten Thousand only) for pursuing M.Sc. (Physics). The Part-C examination is held in first week of June every year at one centre in India. All participants are paid TA and Boarding & Lodging is arranged for all of them. No additional fee for all this.

♦ TOP 25 WILL HAVE ELIGIBILITY FOR AN INTERVIEW FOR Admission in Post - B.Sc. Integrated Ph.D. Programme in Physical Science 2013 of S N BOSE NATIONAL CENTRE FOR BASIC SCIENCES. KOLKATA, (ONLY BSC III YEAR STUDENTS; with more than 60% Marks) With a scholarship of Rs. 5000/- Per month : see website: - <http://bose.res.in/admission.htm>, email: admission@bose.res.in

These top 25 candidates of NGPE shall be required to fill the form for admission.

♦ Top 5 to 10 STUDENTS OF B.SC. FIRST YEAR SHALL BE ELIGIBLE TO PARTICIPATE IN NATIONAL INITIATIVE FOR UNDERGRADUATE SCIENCE [NIUS], A prestigious programme of HOMI BHABHA CENTRE FOR SCIENCE EDUCATION, TIFR, MUMBAI, [This is a Govt. of India, DAE Programme, Summer Camps are organized at Mumbai].

♦ May get opportunity to attend ONE WEEK EXPERIMENTAL PHYSICS WORKSHOP ORGANIZED BY IAPT AT KOLKATA (Regional council-15) lodging is provided & TA is paid.

SOME MORE PROGRAMMES FOR TOPPERS MAY BE ANNOUNCED LATER.

Previous 10 Years question Papers with solution may be obtained by sending demand draft of Rs. 150/- (Rupees One hundred and fifty only) per set, in favour of "Indian Association of Physics Teachers" payable at Dehradun to Dr. B.P. Tyagi

[you may ask for Multiple copies in one application with single draft.]

FOR FURTHER INFORMATION : CONTACT

Dr B P Tyagi

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Local Contact

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