

No. EDN-H (21) F (7) 29/2017-Science Activities-

Directorate of Higher Education

Himachal Pradesh

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Dated: Shimla-171001

the

September, 2017

From: -

The Director of Higher Education

Himachal Pradesh

To

All the Deputy Directors of Higher Education
in Himachal Pradesh

शिक्षा निदेशालय जम्मू 18001

15 SEP 2017

Subject: -

Conduct of Vidyayathri Vigyain Manthan-2017.

Memo:

The National Council of Educational Research and Training (NCERT), GOI, New-Delhi, Vigyan Prasar, Department of Science and Technology (DST, Government of India and Vijnana Bharti-VIBHA are organizing national level talent search examination named as Vidyayathri Vigyain Manthan-2017 for students studying in class 06th to 11th class on Sunday, November, 26, 2017.

You are, therefore directed to direct all the heads of institutions under your jurisdiction to conduct Vidyayathri Vigyain Manthan-2017 in their school premises under intimation to this Directorate as well as to the concerned Department.

Further, you are hereby directed to upload the information related to above said Manthan from the website www.vvm.org.in

Encl.

Copy for ready reference.

- sd -

(Krishan Vaidya)

Jt. Director of Higher Education(C-I)

Himachal Pradesh

Endst. **No. EDN-H (21) F (7) 29/2017-Science Activities--**Dated: Shimla-171001 the

Copy for information to:-

- 1 Dr. Shashi Kumar Dhiman, Department of Physics, Himachal Pradesh University Summerhill, Shimla-5 w.r.t. his ref. No. Nil-dated: 28/08/2017.
- 2 The Superintendent (Computer/IT Cell), Directorate of Higher Education, Himachal Pradesh is hereby requested to upload the same on departmental website.
- 3 Guard file.

Jt. Director of Higher Education(C-I)
Himachal Pradesh



To sept
JIT Cell 2 h/w
26.8.17

Shashi K Dhiman

Ph.: 0177-2830950 (O)
0177-2831800 (R)
Fax : 0177-2830775
E-mail : shashi.dhiman@gmail.com

डॉ शशि कुमार धीमान
आचार्य
Dr. Shashi K. Dhiman
Professor

भौतिकी विभाग
DEPARTMENT OF PHYSICS
हिमाचल प्रदेश विश्वविद्यालय
HIMACHAL PRADESH UNIVERSITY
समरहिल शिमला-171 005 (भारत)
SUMMER HILL, SHIMLA-171 005 (INDIA)

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07-09-2017

Ref. No.....
To,

Date 28/8/2017

The Director
Directorate of Higher Education
Govt of Himachal Pradesh
Shimla

Subject: Conduct of Vidyarthi Vigyan Manthan – 2017

Dear Sir,

It is my great pleasure to inform that in a joint venture – National Council of Educational Research and Training (NCERT) GOI, New Delhi, Vigyan Prasar, Department of Science and Technology (DST) Govt. of India and Vijnana Bharati-VIBHA are organising national level talent search examination named as - VIDYARTHI VIGYAN MANTHAN (VVM-2017) for students studying from class 6th to 11th on Sunday, November 26, 2017. The details of the examination are available on website: www.vvm.org.in

Your are requested to upload the information about the conduct of VVM – 2017 on the official website of Directorate of Higher Education and encourage and allow the Principals of all Schools to conduct VVM-2017 in their School premises. The important dates are given in the table

Registrations Closes	September 20, 2017
Date of Examination	November 26 2017 (Sunday) at 11.00AM-1.00PM

With best Regards

Yours Sincerely

(Shashi K Dhiman)

28/8/17

VIDYARTHI VIGYAN MANTHAN (VVM EDITION-VI) 2017-18

"INDIA'S LARGEST TALENT SEARCH FOR NEW
INDIA USING ONLY DIGITAL DEVICES"

Vidyarthi Vigyan Manthan (VVM) is a national science talent search programme for New India organised by VIBHA (Vijnana Bharati), in collaboration with NCERT- Ministry of Human Resources and Development and Vigyan Prasar- an autonomous organization under the Department of Science and Technology, Government of India. VVM is a National program for educating and popularizing science among school students of VI to XI standards. VVM aims to identify and nurture the bright minds among the student community, who are keen on subjects related to science.

OBJECTIVES OF VIDYARTHI VIGYAN MANTHAN (VVM):

To conduct an annual talent search exam at the national level to identify students who have a scientific bent of mind.

To provide the winning students with mentors to enrich science learning experience to carry forward their science education at higher levels.

To organise exposure visits for the winners to various R&D institutions in the country.

To identify successful students at the State and National levels and felicitate them with prizes and certificates.

To create interest among students in science.

To educate school children about India's contributions to the world of science and technology, both traditional to modern.

To provide hands-on training to students through workshops and other events.

STRUCTURE OF VIDYARTHI VIGYAN MANTHAN:

Students participating in VVM shall undergo the following multi-level testing procedures:

Objective type question answering

Comprehensive writing

Presentation and Group discussion

Role play & Practical examination

Methods of Science

The program also includes organising visits to reputed National Science Laboratories and Centres. To enable deserving students to have interaction with renowned scientists of the Nation. The VVM will identify National Science Talents of the year.

Appearing student will be evaluated and compared with respect to the students from his/her own class at all the stages i.e. School, State and National level.

SCHOOL-LEVEL EXAMINATIONS (JUNIOR AND SENIOR):

SCHOOL-LEVEL EXAMINATION (JUNIOR AND SENIOR):

Vidyarthi Vigyan Manthan is a unique online examination to be conducted at national level. The registered students will take the exam using his/her own device namely a laptop/ tablet / smart phone (mobile with any OS) AND HIS/HER OWN INTERNET CONNECTIVITY. The school level examination will be conducted nationwide, on same day and at same time. The examination will be conducted for the Junior Group (class VI to VIII) and for the Senior Group (class IX to XI).

Evaluation of student will be based on their individual performance at every level. The examination will be conducted in English, Hindi, Malayalam, Tamil, Kannada, Telugu, Marathi, Gujarati, Odia, Bangali and Punjabi.

THE PATTERN OF QUESTION PAPER:

Junior and Senior (Class VI to XI)	
Total No. of Questions	100
Structure of Questions	Multiple Choice Question [2 Marks Each]
Marks	200
Duration	120 Minutes

THE SYLLABUS AND DISTRIBUTION OF MARKS:

CONTENT	CONTRIBUTION	CURRICULUM
Science and Mathematics from text books	40% (40 Questions) [2 Marks Each]	NCERT Curriculum
Indian Contribution to Science	20% (20 Questions) [2 Marks Each]	VVM Study Material*
Life of Dr. Homi Bhabha and Dr. Vikram Sarabhai	20% (20 Questions) [2 Marks Each]	VVM Study Material*
Logic, Reasoning & General Knowledge	20% (20 Questions) [2 Marks Each]	General Reading

*VVM Study Materials will be made available on www.vvm.org.in by 01 September 2017. No printed copies will be provided.

STUDENT AWARDS:

LEVEL	NAME	SELECTION	AWARD
LEVEL-I	SCHOOL LEVEL	Top 3 Rankers per class will be SCHOOL winners (i.e. 18 students from each School). only if Minimum of 10 students per class are registered from a school.	Certificate of merit
LEVEL-II	DISTRICT	Top 3 Rankers per class	Certificate of merit

	LEVEL	will be district winners (i.e.18 students from each district). [All the schools from that districts will be part of evaluation].	Visit to any one Research Institution within the district/state.
LEVEL-III	STATE LEVEL	Top 3 Rankers per class will be State winners (i.e.18 students per state). [Winners will be from students appearing in state camp].	State Camp Participation Certificate State Camp Memento Cash prize Rs. 5,000, Rs. 3,000 and Rs. 2,000 for 1st, 2nd and 3rd ranker per class. Visit to any one National Research Institution.
LEVEL-IV	NATIONAL LEVEL	Top 3 Rankers per class will be National winners (i.e. 18 students at national level). Top 3 Rankers per class will be zonal winners. (i.e. 18 students per zone). [Winners will be from students appearing in national camp].	National Camp Participation Certificate National Camp Memento Cash prize Rs. 25,000, Rs. 15,000 and Rs. 10,000 for 1st, 2nd and 3rd rankers per class. Cash prize Rs. 5,000, Rs. 3,000 and Rs. 2,000 for 1st, 2nd and 3rd ranker per class in each zone. Visit to any one Research Institution from across the Globe.

REGISTRATION

SCHOOL REGISTRATION:

A fully web based application will be available for the registration of the schools. The school authority needs to appoint an exam coordinator and he/she will...

- ✓ Enter the details of the school like school name, school address, GEO Mapping of school, UDIES code of school, name of principal, name of exam coordinator, mobile number, email ID etc. This information will be shown as school profile on VVM portal.
- ✓ The entered data will be verified by VVM admin through sending one-time password (OTP) and an Email verification link on registered mobile and Email respectively.
- ✓ UDIES code will be used as school identification number.

STUDENT REGISTRATION:

- ✓ The exam coordinator can now register students who wish to take up the VVM online exam.

- ✓ Minimum student info
 - 1) Name of student
 - 2) AADHAR number
 - 3) Class
 - 4) Email
 - 5) Phone Number

Schools can register students one by one online or can download editable excel format (available on portal for offline data entry) to upload. This information will be shown as student profile on VVM portal.

- ✓ In case of offline completion of the entries the data can be uploaded online. Exam coordinator is authorized for modification of student's information (if required).
- ✓ After successful submission & payment an OTP and email will be sent to the registered mobile number and email ID of each registered student.
- ✓ The student should click the verification link and complete the verification process by entering the OTP.
- ✓ After successful verification, the student will be automatically redirected to the student profile page.
- ✓ The student must specify the details of the device to under take the exam.
- ✓ In the student profile page, the details of the student like profile photo needs to be uploaded (mandatory) by the student using APP.
- ✓ On confirmation of device details and completing the profile information the student registration process is complete.
- ✓ Student can modify the details of device up to 72 Hrs prior to exam.
- ✓ The roll number for the student will be generated by 15 November 2017

From the school login, the details of all the students registered from that school will be displayed. The authority of modification in the student's name, student's mobile number etc. will only be with the school coordinator.

SCHOOL REQUIREMENT TO CONDUCT ONLINE EXAMINATION:

To conduct the examination School should provide classrooms and invigilators. 20% of total registered amount collected from the school will be kept by them and the balance 80% should be transferred to VVM Delhi office through RTGS/NEFT.

APPLICATION DOWNLOAD AND INSTALLATION:

Once the registration process is complete the Exam App will be made available for download from the profile page of the student. The App will be downloaded only on the registered device (laptop/tablet/mobile). Depending on the type of the registered device (Android/iOS/laptop) the corresponding application will be downloaded to the client device from vvm.org.in.

The profile page will contain detailed instructions for App download and installation. Request support link will be available in case of any issues along with help line number.

NOTIFICATIONS AND MOCK TEST:

To build the confidence of the students and to make exam user friendly, sample mock test will be made available regularly. The registered students will get regular notifications regarding the activities. The student profile will be displayed in the top section of the App. The profile will contain student details with photo for identification.

On completion of the mock test, the student can view the results of mock test in his profile page. After verification of the answers, student can report to our admin support if he/she faces any problems.

FINAL EXAMINATION:

16 November, 2017 onwards, the student will receive an SMS and Email notification to download the latest App. This download must be done during 16-23 November, 2017. After 23 November 2017, the app will not be available for download. Once downloaded, the student should click on the verification link, to make sure that the latest version of the App is downloaded and is running on the registered device.

'The student will not be able to appear for the exam without the latest updated APP installed in the registered device.'

Registration will be available only through Online Registration which can be done through the website www.vvm.org.in.

Eligibility	Students from classes VI to XI studying under CBSE, ICSE, and State Boards
Language	English, Hindi, Malayalam, Tamil, Kannada, Telugu, Marathi, Gujarati, Odia, Bangali and Punjabi.
Exam Center	Registered School
Registration	Open on 1st July 2017 Close on 20th September 2017
Fee	Rs.100/-
Mode of Payment	1) ONLINE payment on website 2) RTGS / NEFT [NO CASH / CHEQUE / DD]
RTGS / NEFT Payment Details	Bank Name : State Bank of India (SBI) Branch Name : Sarojini Nagar Account's Name : VIDYARTHI VIGYAN MANTHAN Account Number : 67351214143 IFSC Code : SBIN0070582 Branch Code : 70582
Website URL	www.vvm.org.in

STATE LEVEL CAMP (SLC):

Top 20 rankers per class per state will be identified to participate in the one or two days State Level Camp (SLC). Winners will have to attend the State Camp with their own travel expenses. The camp will be organised anywhere within the state. The venue and other details will be informed to all selected students.

State Level Camp will consist of Application Orientated Multiple Choice Questions, Hands-On Activities, Observation and Analysis, Situational Problem Solving Ability and a series of other activities. States will be clubbed according to number of students appeared for the examination with the consideration of their geographical and cultural resemblance and convenience for the students.

NATIONAL CAMP (NC):

From each State Camp, top two students from each class i.e. total 12 students per state, will be invited to a two-day National Camp. National Camp (NC) will comprise Presentations, Scientific Understanding, Innovation and Creativity, Out of Box Activities, & Assessment of Leadership Quality.

IMPORTANT DATES TO REMEMBER :

Registrations Open	01 July 2017
Registrations Close	20 September 2017
Upload of VVM Study Material	01 October 2017
Download Hall Tickets	From 25 November 2017
Date of Examination	26 November 2017, Sunday
Time of Examination	11:00 AM to 01:00 PM (120 minute)
Declaration of Result	26 December 2017
One or Two-day State Camp	Between 10 January 2018 to 25 February 2018
Two-day National Camp	12 & 13 May 2018

MENTORS

- * Dr Anil Kakodkar, Former Chairman, Department of Atomic Energy, Govt. of India
- * Dr G Madhavan Nair, Former Chairman, ISRO, Govt. of India
- * Padmabhushan Dr. Vijay Bhatkar, National President, Vijnana Bharati

ADVISORS

- * Shri Rajesh Kumar Chaturvedi, Chairman, CBSE
- * Dr Hrushikesh Senapaty, Director, NCERT
- * Shri Santosh Kumar Mall, Commissioner, Kendriya Vidyalaya Sangathan
- * Shri Bishwajit Kumar Singh, Commissioner, Navodaya Vidyalaya Samiti
- * Shri J M Kashipati Jee, Organizing Secretary, Vidya Bharati
- * Dr R Gopichandran, Director, Vigyan Prasar

NATIONAL CONVENOR

- * Dr Arvind C. Ranade, Vigyan Prasar, New Delhi
E-mail: vvm@vibhaindia.org

CONTROLLER OF EXAMINATION

- * Dr Ajay Mahajan, Latur
E-mail : vvm@vibhaindia.org

ACADEMIC COORDINATOR

- * Dr Brajesh Pandey, Pune
E-mail : vvm@vibhaindia.org

ABOUT ORGANISERS

VIJNANA BHARATI (VIBHA):

VIBHA (VIJNANA BHARATI) is a national movement for the propagation and popularization of Science & Technology among students and masses. VIBHA promotes scientific contributions made by India in ancient times as well as now. Now we are the largest scientific organization having the longest chain of state units and networking institutions across the country.

VIGYAN PRASAR:

Vigyan Prasar (VP) is a national institute for science and technology communication established in 1989 under the Department of Science and Technology, Government of India. It promotes and propagates a scientific and rational outlook in society, nurtures interest in science, encourages creativity and develops capacity for informed decision making.

NCERT:

National Council of Educational Research and Training (NCERT) is an organisation set up by the Government of India in the year 1961 to assist and advise the central and state governments on academic matters related to school education.