# VIDYARTHI VIGYAN MANTHAN 2020-21

Anupama Kulkarni

Organizing Team, VVM

- VVM is a National Program for popularizing science among school students of standard 6$^{th}$ to 11$^{th}$.

- India's Largest Science Talent Search exam for New India using Digital Devices.

- Initiative of Vigyan Prasar, DST, Govt. of India; NCERT, Ministry of Education; Vijnana Bharati

Prime Objective:

- Einstein Quote: We owe lot to Indians who taught us how to count.

- To sensitize our young minds about Glorious Indian scientific heritage; from ancient to modern.

- To gain Self respect and self confidence in the domain of science & technology.

# VVM has several objectives:

- To create interest among students in pure science,
- To educate school children about India's progress from traditional to modern contributions to the world of science and technology,
- To provide mentors for preparing students to carry forward their science education at higher levels,
- To provide hands-on training to students through workshops and other events,
- To conduct competitive tests to identify students who have a scientific attitude,
- To organize exposure visits for the winners to various R&D institutions in the country,
- To identify successful students at state and national levels and felicitate them with prizes and certificates.

# Structure of VVM

- It's a multi-level testing procedure.
- Objective MCQ.
- Practical examination.
- State level and National level Camps.
- Winners will get a chance to visit to National Science Laboratory/ Centres; interaction with renowned scientists.
- Each student will get a certificate*
- This year VVM 2020 programme was launched 0n 01 August, 2020 by Dr. Harsh Vardhan, Minister of Science and Technology; Minister of Health and Family Welfare alongwith other dignitaries.

- Open Book Exam, appear from home.

- Date and time convenience.

- Participation in Mega Science Experiment.

# SCHOOL-LEVEL EXAMINATIONS (JUNIOR AND SENIOR):

- Junior: 6$^{th}$ and 8$^{th}$ std. Senior: 9$^{th}$ to 11$^{th}$ std.
- Total Duration: **one hour thirty minutes duration.**
- **100 multiple choice questions**, 1 mark each.
- It will consist of **Two Segments** viz. **Section-A** (comprising of 40 questions in 30 minutes from study material Indian Contributions to Science; Life story of Vyankatesh Bapuji Ketkar & His Work in the field of the Measurement of Time (almanac).

- **Section-B**
- (comprising of 60 questions based on the Text Books of NCERT Curriculum & Logic and Reasoning (open source)).
- The examination will be conducted separately for Junior Group and for Senior Group.
- Evaluation of students will be based on their individual performance at every level.
- The examination will be conducted in English, Hindi, Tamil, Telugu, Malayalam, Marathi, Gujarati, Punjabi, Bengali, Odia, Assamese (major regional languages).

# Pattern of Question Paper

| | | |
|---|---|---|
| **Content** | Junior and Senior (Classes VI to XI) | |
| **No. of Questions** | 100 | |
| **Marks** | 100* | |
| **Structure of Questions** | Multiple Choice Questions [1 Mark each] | |
| **Segments** | **Section-A** | 40 questions from 1) Indian Contributions to Science; 2) Life story of Vyankatesh Bapuji Ketkar & 3) Ketkar Ji's work in the field of the Measurement of Time |
| | **Section-B** | 60 questions from 1) Text Books of NCERT Curriculum & 2) Logic and Reasoning (open source) |
| **Duration (90 minutes)** | **Section-A** | 30 Minutes (40 Questions, 40 Marks) |
| | **Section-B** | 60 Minutes (60 Questions, 60 Marks) |
| **Qualifying Criterion** | Answers of Section-B will be checked only if a student secures equal or more than 50% (i.e. equal to or more than 20 Marks) in Section-A. | |

# Mega Science Experiment

- A unique opportunity to registered students.
- Based on food habits. Students will document details of his/her first large meal for one week.
- Subsequent stages will cover many aspects such as nutrition value, food miles concept, determine their rate of carbon emission etc.
- Students will learn making observations and analytical skills. Results will be shared with them.

# The Syllabus of Examination

| CONTENT | CONTRIBUTION | CURRICULUM |
|---|---|---|
| Science and Mathematics from Text Books | 50% (50 questions) [1 Mark each] | NCERT Curriculum |
| Indian Contribution to Science | 20% (20 questions) [1 Mark each] | VVM Study Material* |
| Life story of Vyankatesh Bapuji Ketkar and his contribution in the Field of Measurement of Time | 20% (20 questions) [1 Mark each] | VVM Study Material* |
| Logic and Reasoning | 10% (10 questions) [1 Mark each] | General Reading |

Study Material: Available in pdf format on VVM website.

# SLC and NC

- State level Camp: Top 20 from each class for every state.

- National Level Camp: Top Two students from each class from each state.

- Student Awards: Cash Prizes and participation Certificates.

# Examination

- Unique, app based on line exam from his/her device…..smart phone, laptop, desktop from home; On Android / windows platform only.

- 29$^{th}$ or 30$^{th}$ November 2020; anytime from 10 am to 8 pm…..

  But in 1 hour 30 min duration.

- Registration: On line.

- No hall ticket is required.

## (A) INDIVIDUAL STUDENT REGISTRATION:

- We are open for individual registration.
- The student will enter details like Photo, Name, DoB, Class, School Name, Address, City, District, State etc. and then the entered data will be verified by VVM admin by sending OTP's on registered Mobile Number and Email Id respectively. Both the OTP's will be different and required to be entered for completion of verification process.
- After completion of verification the student will be provided with a unique username and password.
- Now students will be provided with an option to make the online payment after logging into the website. They can select from options of payment according to their ease using the payment gateway.

# Institute Registration

## STEP – I: Appointment of School/Institute Exam Coordinator

- The school/institute Principal/Authority needs to appoint the school/institute exam coordinator and he/she will register the school/institute and the students as per STEP-II and STEP-III.

## STEP – II: Registration of School/Institute

- Enter the details of the school like School/Institute Name, School/Institute Address, Name of the Principal, Name of the Exam Coordinator, Mobile Number, Email Id etc. This information will be displayed as school/institute profile on the VVM website.
- The entered data will be verified by VVM admin by sending OTP's on registered Mobile Number and Email Id respectively. Both the OTP's will be different and required to be entered for completion of verification process.

## STEP – III: Registration of Students from School/Institute

- There will be two options with the exam coordinator to register the students:
  - **A)** **Online** – One by one online entry of the student details
  - **B)** **Offline** – The coordinator enters minimal details like Name of the student, Class, Gender, Email ID, Phone No. etc. in the prescribed excel format provided for this purpose. It will be an offline process, because, editable excel file (no changes in the format of file will be acceptable) is provided for data entry.
- This information will be reflected on the website as student profile.

## STEP – IV: Creation of Student Profile

- After first time login, students will be required to update/change their password (mandatory).
- The student can complete their profile after logging into the website. In the student profile page, the details of the student like profile photo, DoB, Father's Name, Mother's Name, Residential address etc. need to be uploaded.

The details of all the students registered from that school/institute will be accessible from the school/institute login. The authority to modify a student's profile rests only with the Principal or School/Institute Exam Coordinator.

## FEE STRUCTURE:

1. Students registering individually or through school will have to pay a fee of Rs. 100/- (Rupees Hundred Only).
2. School/Institute coordinator is requested to retain Rs. 20/- per student as a service

# Exam App Download and Installation

- Students, from its profile page can download the app (based on mobile / desktop device and based on operating system) and install it.

- Mock Test from 1$^{st}$ Nov 2020

- Prior three days of the exam (after 25$^{th}$ Nov) : Students shall download latest app and install it.

## IMPORTANT DATES TO REMEMBER:

| | |
|---|---|
| Registration Opens | 01$^{st}$ August, 2020 |
| Registration Closes | 30$^{th}$ September, 2020 |
| Upload of VVM Study Material | 20$^{th}$ August, 2020 |
| Mock Tests | 01$^{st}$ November, 2020 onwards |
| Download Hall Tickets | No Hall Ticket Required |
| Date of Examination (Login anyday) | Sunday, 29$^{th}$ November, 2020 or Monday, 30$^{th}$ November, 2020 |
| Time of Examination | 10:00 AM to 08:00 PM (60 minutes) **Students will be able to login only once.** |
| Declaration of Result | 15$^{th}$ December, 2020 |
| One or Two-day State Camp | 10$^{th}$, 17$^{th}$ & 24$^{th}$ January, 2021 (any one day) |
| Two-day National Camp | 15$^{th}$ & 16$^{th}$ May, 2021 |

*   *Above schedule may change according to the situation of the pandemic and/or as per the directives of Government of India.*

# Presence on Social Media Platforms

## https://vvm.org.in/

- VVM youtube page https://www.youtube.com/watch?v=Tn_Hf5doIYI&t=3s
- VVM Twitter account
- https://twitter.com/VVM2020
- VVM youtube page https://www.youtube.com/watch?v=Tn_Hf5doIYI&t=3s
- VVM Twitter account
- https://twitter.com/VVM2020
- Vidyarthi Vigyan Manthan telegram account
- https://t.me/vidyarthivigyanmanthan
- Attachments area
- Preview YouTube video Vidyarthi Vigyan Manthan

**VIDYARTHI VIGYAN MANTHAN**

Study Mater

HOME        SHIKSHA SHILPI        ABOUT US        EXAMINATION DETAILS        VVM BROCHURE        ENDORSEMENT CIRCULAR        GALLERY

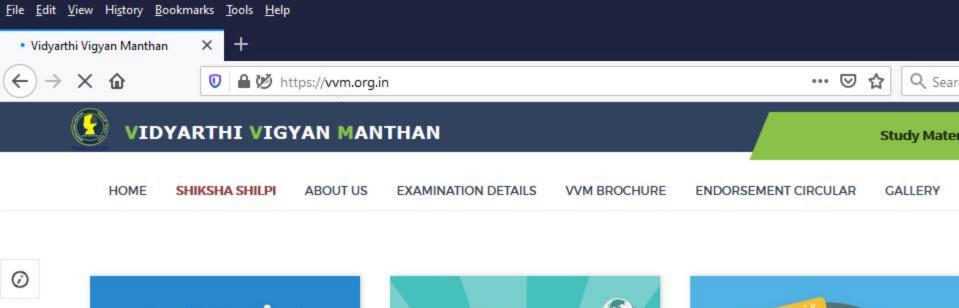## REGISTER FOR VVM AND BE A PART OF INDIA'S FIRST MEGA SCIENCE E

## ABOUT VVM

**Vidyarthi Vigyan Manthan (VVM)** is an initiative of Vijnana Bharati (VIBHA), in collaboration with Vigyan Prasar,
Department of Science and Technology, Government of India and National Council of Educational Research and Tr
Ministry of Education (earlier known as Ministry of Human Resources and Development). VVM is a national program
students of standard VI to XI, conceptualised to identify the bright minds with a scientific aptitude among the student

Hosted By
Ms. Revati Raju
Director
Sanskriti Schoo
Hyderabad

Performing a TLS handshake to www.webfreecounter.com

**VIDYARTHI VIGYAN MANTHAN**

Study Mater

HOME   SHIKSHA SHILPI   ABOUT US   EXAMINATION DETAILS   VVM BROCHURE   ENDORSEMENT CIRCULAR   GALLERY

## Exam Structure
View More

## Exam Syllabus
View More

## Student Awards
View More

Performing a TLS handshake to s.ytimg.com