

VIDYARTHI VIGYAN MANTHAN (VVM) 2020-21

Evaluation Scheme for State Level Exam (SLE)

Second component of evaluation of Vidyarthi Vigyan Manthan (VVM) after screening First Level ONLINE Exam is State Level Camp (SLC). Due to nationwide lockdown, we are having online exam so this year it is called **State Level Exam (SLE)**. All the selected students for SLE have successfully cleared the first round and have demonstrated their excellence through online written examination. The team VVM congratulates all the successful candidates for their success.

Keeping in mind the current pandemic situation due to Covid-19, the SLE's will be organized online. Total duration of the examination will be **2 Hrs 10 Minutes**. There will be a **One Day Online State Level Examination** for the selected students in their respective state. The date and time are published on the home page of VVM's website. The same will be communicated to the students by their state coordinator as well.

Students will require two devices (both may be mobiles or laptops or tablets or any combination of two). One device for writing exam (with State Camp Exam App) and other device for attending zoom meeting for observation purposes. For remaining guidelines for the conduct of examination check the other attachment. In the Online State Level Examination students will be given opportunity to showcase their talent under the following Groups of activities.

The SLE will have the components as given in the table:

S. N.	Component/Sections	Duration	Weightage
1	A. Application Oriented Scholastic Aptitude Test (AOSAT) questions from Physics, Chemistry, Biology and Math, based on NCERT syllabus	60 minutes	20% (20 Marks)
	B. Indian Contribution and Advancement in Science and Technology (ICAST): during the Post-Independence era from 1947 to 1980. Topic for Junior: Oceanography Topic for Senior: Atomic energy and Agriculture. * More details and a brief write-up will be uploaded on website by 26th January, 2021.		30% (30 Marks)
2	Experimental Skill Test (EST) in Physics, Chemistry, Biology and Math, based on academic knowledge of NCERT of respective class	60 minutes	40% (40 Marks)
3	Science Behind the Toys (SBT)	10 minutes	10% (10 Marks)

1. Application Oriented Scholastic Aptitude Test (AOSAT) and Indian Contribution and Advancements in Science and Technology (ICAST)

It is App based online test where participants will be provided with Multiple Choice Questions (60 minutes duration). This question paper has two parts

(i) Questions on subject (20%): questions from Physics, Chemistry, Biology and Math will be there. These questions will be based on NCERT curriculum of the respective classes.

(ii) Indian Contribution and Advancements in Science and Technology (ICAST) (30%): In this section questions related to Indian Contribution and Advancement in Science and Technology (ICAST) during the Post-Independence era from 1947 to 1980 will be asked. **Questions for Junior Group will be based on Oceanography.** In the similar way **questions for Senior Group will be based on Atomic Energy and Agriculture.**

More details and brief write-ups will be made available on website as well as communicated to students on **26th January, 2021 before 05:00pm.**

All the questions in science and math will be based on NCERT curriculum at the respective group. The students will be divided in two groups viz. Junior Group (Class VI, VII and VIII) and Senior Group (Class IX, X and XI). There will be separate papers for Junior and Senior groups.

2. Experimental Skill Test (EST) in Physics, Chemistry, Biology and Math

Video on performing Hands-on-activity (2–5 minutes) based on contents of NCERT curriculum of the respective classes in Physics, Chemistry, Biology and Math will be given and MCQs based on this video will be there.

Students will be given adequate time (video can be viewed maximum for 2 times) to watch the video, note down data and do the calculation/analysis for each subject. Students will be given 15 min time to watch the video of each subject and answer questions based on that. A total of 60 minutes will be given to complete all 4 activities.

For 11th class students the weightage of Math or Biology will be doubled and they will have to attempt only one of them depending on their choice.

(Use headphones to listen the audio)

3. Science Behind the Toys (SBT):


A video on playing with toy will be shown to the students. Students will have to observe the video. MCQ type questions based on science involved in the performance/operation of the toy will be asked.

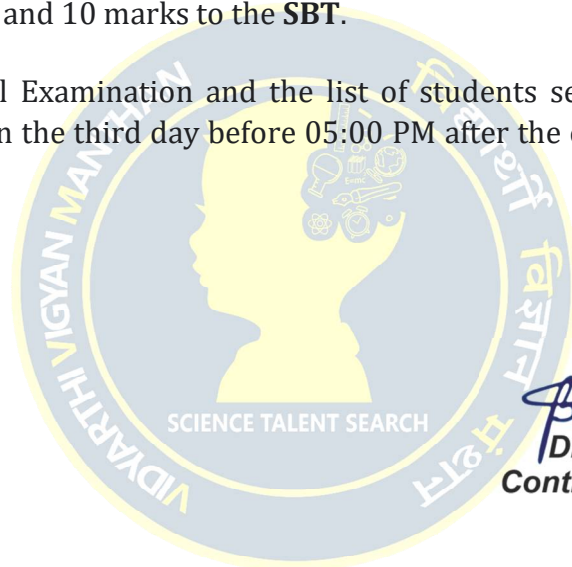
(Use headphones to listen the audio)

As mentioned in previous page, there will be Three Sections in the State Level Examination. Students will have to complete each section in stipulated time. It may be noted that if any student completes any of the section before time, there will be no carry forward in the remaining time of that section. Switching between these sections will also not be possible/allowed.

Maximum marks of SLE will be 100. Out of these, 50 marks will be given to AOSAT & ICAST, 40 marks to EST and 10 marks to the SBT.

The result of state level Examination and the list of students selected for national level camp will be declared on the third day before 05:00 PM after the completion of State Level Camp Examination.


Dr. Neeru Bhagat
Academic Head




Dr. Brajesh Pandey
Controller of Examination