

The Greater Bombay Science Teachers' Association

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Sub: Dr. Homi Bhabha Balvaidnyanik Competition 2019-2020.

Dr. Homi Bhabha Balvaidnyanik Competition is conducted by The Greater Bombay Science Teachers' Association since 1981 to encourage students to take interest in science, to inculcate scientific attitude and to search science talent in students and motive them towards basic sciences as well as to clear the scientific concepts among them.

- Who can participate ?** :- Students studying only in 6th std. and 9th std.
- Medium** :- English, Semi-English and Marathi
(Note :- Students participating from Semi-English can choose medium either English or Marathi as per their comfort level but once selected medium should not be changed for further level.)
- Boards** :- All Boards (SSC / CBSE / ICSE / IB etc.)
- Regions** :-
I) **MUMBAI** : Mumbai and Mumbai suburbans.
II) **THANE** : Thane, Palghar, Raigad.
III) **PUNE** : Pune, Solapur, Ahmadnagar.
IV) **NASHIK** : Nashik, Dhule, Jalgaon, Nandurbar.
V) **KOLHAPUR** : Kolhapur, Satara, Sangli, Ratnagiri & Sindhudurg.
VI) **AURANGABAD** : Aurangabad, Jalna, Beed, Latur, Osmanabad, Nanded, Hingoli, Parbhani.
VII) **VIDHARBH** : Akola, Buldhana, Amravati, Washim, Yavatmal, Wardha, Nagpur, Bhandara, Gondia, Gadchiroli, Chandrapur
- Stages of Competition** : Phase I :- Written Competition
Phase II :- Practical Competition
Phase III :- A. General Interview and
B. Evaluation of Action Research Project.
- Structure of the Competition and selection procedure** :-

Phase No.	Description of Phase	Max Marks	Duration of exams	Selection Procedure (Region wise, Std. wise & Medium Wise)
Phase I	Written test : 100 multiple choice questions based on science & Genral Knowledge in science.	100	90-min.	a) Selection for phase II- Merit wise Top 7.5% students will be selected for phase II and will get Merit Certificate. b) Remaining passed students will get Passing certificate.
Phase II	Practical Test: For VI Std.: There will be 5 experiments of 6 marks each based on general science. For IX std. : a) Physics: 1 experiment b) Chemistry: 1 experiment c) Biology: 10 questions based on 10 specimens	30 10 10 10	30 min. (6 min per experiment) 10 min 10 min 10 min	a) Selection for phase III - 30% of the marks obtained in phase I and marks obtained in phase II will be considered. b) Merit wise Top 10 % students will be selected for phase III
Phase III	A) Interview- General interview B) Evaluation of action research project	30 30	5 to 10 min. 5 to 10 min	Selection for Medal: Considering 30% marks of Phase I, + Marks of Phase II & Phase III a) Merit wise Top 10% students will get Gold Medal, certificate and scholarship of Rs. 3000/-. b) Next 60% students will get Silver Medal, certificate and scholarship of Rs. 2000/- c) Remaining all students will get Bronze Medal, certificate and scholarship of Rs. 1000/-

- Syllabus** : Less emphasis will be given for knowledge based questions and more emphasis for understanding, reasoning, correlation, application etc. Majority of the questions will be from SSS board text books and Content related to the above from ICSE,IB and CBSE books. The questions related to general knowledge in science will be based on the topics like happenings in the past and science around day to day life.

- I) **For 6th std.**- Text books of 4th, 5th and 6th std. of SSC syllabus and Content related to the above from ICSE, IB and CBSE books.
- Weightage :-**
- About 10 % questions on 4th std. syllabus,
 - About 20 % questions on 5th std. syllabus,
 - About 60 % questions on 6th std. syllabus,
 - About 10 % questions on General knowledge in science.
- II) **For 9th std.** - Textbooks of VII, VIII and IX std of SSC syllabus and Content related to the above from ICSE, IB and CBSE books.
- Weightage :-**
- About 10 % questions on 7th std. syllabus
 - About 20 % questions on 8th std. syllabus,
 - About 60 % questions on 9th std. syllabus,
 - About 10 % questions on General knowledge in science
8. **Date of Written Competition :-** Saturday, 5th October 2019 (Tentative)
Timing :- 3.30 p.m. To 5.30 p.m
9. **Written Competition Centers :-** All districts in Maharashtra.
(We provide written exam center if more than 100 students are participating from that particular area.)
10. **Practical Competition Centers :-**
- Mumbai Region:** D. S. High school, Opposite Gurukripa Restaurant, Road Number 24, Sion (W), Mumbai-400022.
 - Thane Region :** M. H. high school, Shivaji Path, near talao pali, Naupada, Thane West, Thane-400601.
 - Pune, Kolhapur, Nashik & Aurangabad Regions–** MES Balshikshan Mandir English Medium School, 131, Mayur Colony, Kothrud, Pune 411 038.
 - Vidarbha Region -** Bajaj Science Center, Gandhi Gyan Mandir's, Civil line, Wardha - 442 001.
11. **Venue of Interview and Evaluation of Action Research Project :-**
D. S. High school, Opposite Gurukripa Restaurant, Road Number 24, Sion (W), Mumbai - 400 022.
12. **Prizes- Medals and Scholarship :- Considering 30% marks of Phase I, + Marks of Phase II & Phase III**
- Merit wise Top 10% students will get Gold Medal, certificate and one time scholarship of Rs. 3000/-
 - Next 60% students will get Silver Medal, certificate and one time scholarship of Rs. 2000/-
 - Remaining all students will get Bronze Medal, certificate and one time scholarship of Rs. 1000/-.
13. **Other Prizes :-** (Separate trophy in following categories for each region)
- Dr. Vikram Sarabhai Trophy (Lakshvedhi Gunvatta Puraskar)**
To School, - For remarkable performance which bags maximum medals..
 - Vidnyan Jattha Trophy (Kamal Sahbhag Puraskar)**
To School, For maximum participation.
14. **Competition Fee :-** (Per Students)
- Rs. 250 /- For All regions & All types of schools (With Regular Fee)
 - Rs. 300 /- With Late fee.
 - Rs. 500 /- For Individual registration (Students who are not able to register his /her name through school.)
15. **Registration :- Registration for the competition should be done by online and through school only. If any student is not able to register his name through school then he/she can register his/her name individually using Individual Registration after 20th July.**
16. **How to pay Competition Fee :-**
- ✓ Collect the fee Rs. 250 /- per student. Keep Rs. 20/- per student for School as a processing fee of entire competition.
 - ✓ Pay remaining fees amount (Rs. 230 /- per student) using following bank account details.
 - ✓ Register on our official website www.msta.in by selecting 'Online Registration' given on homepage.
 - ✓ There is no any cost or fee for School registration.
You are requested to pay the competition fee using following instructions & then register your students.
- Bank Account Details :-**
- Account Name :** ' The Greater Bombay Science Teachers' Association '
 - A/C No.** 36494310194
 - Account Type :** Current
 - Bank :** State Bank Of India
 - IFSC Code :** SBIN0000552
 - Branch :** Malad (W), Mumbai-400 064.

Payment Methods :-

I) Direct Bank Deposit (cash deposit / NEFT)

To deposit the fees through any branch of SBI, download and take a print out of SBI Bank's challan which found after school log in on our website www.msta.in & fill up it carefully. Deposit the fees in your nearest SBI Branch Get the transaction ID or J No. from SBI Bank and note it on paying slip. **Note that Use only one challan for both 6th & 9th Std. Transaction ID/J-No. is necessary for online registration.**

II) Using Net Banking

Use your Account of any bank. Login to your net banking account, add above account details as Beneficiary and transfer the competition fees. Take screenshot of transaction confirmation with UTR No. You have to use this UTR No. to **'Add Student'**

III) Using Payment Gateway system (by using Debit Card/ Credit Card / Net Banking) method Given in add fee details which will found after school login.)

IV) Using Unified Payments Interface (UPI) apps you can transfer the fees.

17. Registration Process :-

- ✓ **Registration for the competition should be done by online and through school only.**
- ✓ **Registration done through private classes or academy will not be considered at any circumstances.**
- ✓ **Students from Semi-English medium school can choose only one medium either English or Marathi. Once the student selects the medium, it cannot be changed. It will remain same for all the remaining phases of the competition.**

18. School Registration :-

A) If your School is registered before or last year.

- 1) Log on to www.msta.in and Click on 'Apply online' to Login your School.
- 2) Use your last year's login ID & password in 'School Login' which will be send by GBSTA on your registered school E-mail ID & by SMS. Don't register your School again clicking on 'New School Registration'.
- 3) Your School information will be displayed on screen. Make sure and confirm your school details. Make necessary changes if required. And click on 'update' button.

B) If your School is not registered before.

- 1) Log on to www.msta.in and Click on 'Apply online'
- 2) Click on 'New School Registration.' It is mandatory.
- 3) Fill the all details of your school correctly. Don't use any short forms and signs.
- 4) While filing above information write complete postal address of school with pin code. In case of incomplete address GBSTA will not responsible for the delay of correspondence.
- 5) After filing all the details correctly click on 'submit'.
- 6) Now you will get the 'login Id' and 'password' of your school. It will be e-mailed on your school e-mail Id as well sms will be sent on mobile number of HM & Incharge science teacher which are registered at the time of school registration.
- 7) This login Id and password is unique for each school. But it will be common for all the students (6th and 9th std.) of same school.
- 8) Once you get the Login Id and password you have to keep ready the students list in the following format.

Sr. No.	Name of candidate (in capital letters)				Gender	Std	Medium	Mobile number of parent
	Surname	Student Name	Father Name	Mother Name	M/F	6/9	English/ Marathi	

19. Student Registration :

(Note :- To register your students first pay the fee using given suitable method of payment.

Before deposit the exam fee you can't register your students)

- 1) Log on to www.msta.in
- 2) Click on school Login and enter your Login and password.
- 3) Click on add fees and fill up all details. Upload photo copy of fee receipt and then click on submit button. **(Total amount must be in the multiple of Rs. 230/-)**
- 4) Now you can enter the student details one by one by clicking on 'Add student' button.
- 5) If there are more number of students you can register your all students at once using 'Bulk Registration'.
- ✓ For bulk registration click on 'Bulk Registration'.
- ✓ Download template and Save it on Desktop then Log out.
- ✓ Open saved file of template on Desktop and fill details of all students and save file. *Then Log on using school login and click on 'Bulk Registration' then click on upload student. Browse and select the file template saved on desktop and click on upload.
- 6) Now you will see list of all students.
- 7) Save this file by clicking on save button and also take a printout.

- 8) You can edit and correct the students details by clicking on action button provided in front of student name. **Ensure that, you have to do all corrections in registration period only. Failing to which you cannot change it at any stage of the competition.**
- 9) If you are unable to register all the student at a particular time or a day, you may login again, register the remaining students using same procedure. (use same login Id and password)
- 10) In case, some additional students want to appear for the competition, pay their fees in SBI bank and get new 'J' number or transaction ID from bank. By using same login Id and password follow the above procedure again.
- 11) After completion of your registration, you will get email for the students enrolled.

20. IMPORTANT :-

- 1) **It is likely that, students from other schools may appear for the competition in your school or students from your school may have to go to other school. Your kind co-operation is beseeched. Your school may be the center for the written competition.**
- 2) If the registration fees amount and number of students does not tally, entries of additional students stands cancelled.
- 3) No replacement is allowed in case, if any candidate does not appear (remains absent) for the competition. **Fees once paid is non refundable.**
- 4) 'On the spot entries' will not be allowed at any center at any circumstances.
- 5) **We ensure that no injustice is done to any student. Please note that no rechecking will be entertained at any stage of the competition.**

Note :- More information about written test is given in the Brochures which is available on our website www.msta.in. Please make it available for each student.

21. The Tentative Time Schedule of the competition.

SCHEDULE 2019-20

Sr. No.	Description	Details
1	Accepting online entry forms	1st July to 20th July 2019 (with regular fees) 21th July to 28th July 2019 (with late fees)
2	Meeting of the Centers' In - charge Venue (Only for Mumbai & Thane Regain)	Monday, 16th September 2019 (11.00 a.m.) D. S. High School, Sion, Mumbai - 22.
3	Supply of competition material to the centers.	Saturday, 5th October 2019 (10.00 a.m. to 12.30 p.m.)
4	Dr. Homi Bhabha Balvaidnyanik competition - Written Test	Saturday, 5th October 2019 (Tentative) (Timing :- 3.30 p.m. to 5.30 p.m.)
5	Returning of sealed answer books to the distribution center	Saturday, 5th October 2019 (6.30 p.m. to 8.30 p.m.)
6	Result - Written Test	2nd week of November 2019 (Tentative)
7	Practical Competition	VI - std. Sunday, 8th December 2019 IX - std. Sunday, 22nd December 2019
8	Practical Competition Result	2nd week of January 2020
9	Interview (for VI and IX Std. students)	Sunday, 16th February 2020, Venue : D. S. High School, Sion, Mumbai - 22.
10	Prize Distribution	1st week of March 2020. Venue :- Yashwant Natyamandir, Matunga

Please Note : The above schedule may be modified if needed.

22. Declaration :- Our association did not conduct or recommend any online or offline practice test / mock test or classes (tutions) or Practical for this competition. So don't ask us about this. Some persons and institutes using same name of competition are arranging classes / mock tests etc. So don't believe on such things. These persons or Institutes are not related with our association.

23. For more details :-

- ✓ Office : 022 - 2880 6995 (Timing : 11 am. to 5.00 pm.)
- ✓ Shrikant Shingare - 9869634765 Pratap Thorat - 9004255387
- ✓ Arvind Kadam - 9833184746 Mohan Patil - 9869637535
- ✓ Govind Gunjal - 9969418890 Achutrao Mane - 9869634858
- ✓ Kailas Chavan - 9029197211 Vivek Chavan - 9892752824



Incharge of Competition :
Nayana Thorat

Shrikant Shingare
President
The Greater Bombay Science
Teachers' Association

LIST OF COORDINATORS

Sr.No.	Center Charge	Contact No	Address
1.	MSTA Office	022-28806995	Mumbai Science Teacher's Association, 202, Star Manor Apt, Bhau Maharaj Chindarkar Rd., Near Ruia Hall, Malad (W), Mumbai.
2.	Shri. Kailas Chavan	022-23856837 9029197211	Chikitsak High School, Sadashiv Cross Lane, Girgaon, Mumbai - 400 004.
3.	Mrs. Amruta Sawant	9167335197	Social Service League High School, Parel, Mumbai -12.
4.	Shri. Dattatray Hadge	9820795720	Seth E. H. Bhatiya high School, Wadia Estate Colony, Bailbazar, Kurla (W), Mumbai.
5.	Shri. Mahadev Yadav	9221350354	Pant Walawalkar Madhyamik Vidyalay, Nehru Nagar, Kurla (E), Mumbai.
6.	Shri. R. J. Rajput (HM) Shri. Satish Gholap	25332373 9222444171	M.H. High School, Near Talao pali, Thane (W)
7.	Smt. Katwate	9987508602	Terna Vidyalaya, Sectar 12, Nerul, Navi Mumbai.
8.	Smt. Kiran Deshmukh	7387836969	Utkarsh Mandir, Virar.
9.	Smt. Meenal Randive	02143-252032	Private High School and Jr. College, Pen, District - Raigad
10.	Smt. Geetanjali Bodhankar (HM) Smt. Nilima Vyawahare	(020) 25420344 9561071134	Bal Shikshan Mandir English Medium School, 131, Mayur Colony, Kothrud, Pune.
11.	Smt.Varsha Karadkhedkar	9860839343	Smt. Rangubai Junnare English Medium School, New Agra Road, Dwarka Circle, Nashik - 422 001.
12.	Shri. Arvind Bane	9822326281	Usharaje High School, Rajarampuri - 1st Lane, Kolhapur.
13.	Shri. Santosh Alandkar	9730387755	B.W.English School Khadgaon Road Latur
14.	Shri. Dattatray Bangar	9403322390	Phatak high School, Ratnagiri.
15.	Smt. Sunita Khadse	07152 - 247024	Bajaj Science Center, Vardha.
16.	Shri. Balasaheb Jamale	9403394009	Z. P. Kanya Prathamik Shala, Kasabe, Tadavale, Dist. Usmanabad.
17.	Shri. Swapnil Gavare	9028606396	Bharat Vidyalaya, Kapadiya nagar, Akola.
18.	Smt. Suvarna Kabra	7588436435	St. Teresa High School, Shirsolli Road, Jalgaon.
19.	Shri. Balasaheb Chopade	9860103496	Bal Dnyan Mandir, Khadakeshwar, Aurangabad.
20.	Shri. Vishal Naiknaware	9890944857	Swatantryveer Sawarkar College, Mali Base, Beed.
21.	Shri. Ashok Aahire	9421526434	Jayhind Vidyalaya, Deopur, Dhule.
22.	Shri. Arjun Gaikwad Smt. Swati Desai	9890691861 9421119291	Annasaheb Kalyani Vidyalaya, Satara.
23.	Mr. Hade Raghunath	9881854919	Saraswati Bhuvan Secondary and Higher Secondary School, Jalana
24.	Smt.Shilpa Nevaskar	8237174368	Vimaltai Tidake Convent Atre lay out Nagpur
25.	Mr.Sandeep Vartha	9272375648	Pradnya Prabhodhini High School, Sangali.