

THE GREATER BOMBAY SCIENCE TEACHERS' ASSOCIATION

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Subject: Dr. Homi Bhabha Balvaidnyanik Competition 2020-2021

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 motivate 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 and Marathi

(Note :- Students from Semi-English can choose medium either English or Marathi as per their comfort level but once selected medium should be remains same for all the remaining phases of the competition.)

Boards :- All Boards (Maharashtra SSC / CBSE / ICSE / IB etc.)

| Regions :- | Districts |
|---------------------------|---|
| 1. MUMBAI : | Mumbai and Mumbai suburban. |
| 2. THANE : | Thane, Palghar, Raigad. |
| 3. PUNE : | Pune, Solapur, Ahmadnagar. |
| 4. NASHIK : | Nashik, Dhule, Jalgaon, Nandurbar. |
| 5. KOLHAPUR : | Kolhapur, Satara, Sangli, Ratnagiri , Sindhudurg. |
| 6. AURANGABAD : | Aurangabad, Jalna, Beed, Latur, Osmanabad, Nanded, Hingoli, Parbhani. |
| 7. VIDARBH : | Akola, Buldhana, Amravati, Washim, Yavatmal, Wardha, Nagpur, Bhandara, Gondia, Gadchiroli, Chandrapur . |
| 8. Other than Maharashtra | All states in India as well as abroad. |

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 Maharashtra state board science text books and Content related to the above from ICSE,IB and CBSE science textbooks. The questions related to general knowledge in science and science around day to day life.

1. **For 6th std.**- Textbooks of 4th ,5th and 6th std. of S.S.C. syllabus and Content related to the above from ICSE ,IB and CBSE books.

Weightage :-

- a) Approximately 10 % questions on 4th std. syllabus,
- b) Approximately 20 % questions on 5th std. syllabus,
- c) Approximately 60 % questions on 6th std. syllabus,
- d) Approximately 10 % questions on General knowledge in science.

2. **For 9th std.** - Textbooks of VII ,VIII and IX std of S.S.C. syllabus and Content related to the above from ICSE,IB and CBSE books.

Weightage :-

- a) Approximately 10 % questions on 7th std. syllabus
- b) Approximately 20 % questions on 8th std. syllabus,
- c) Approximately 60 % questions on 9th std. syllabus,
- d) Approximately 10 % questions on General knowledge in science

Date of Online Theory Competition

- a) Std VI: Sunday 17th Jan.2021
- b) Std IX: Sunday 24th Jan.2021

Fees Competition Fee :- (per student)

Don't deposit competition fee in bank, pay online.

1)Rs. 250 /- For All regions & All types of schools (With Regular Fee)

2)Rs. 300 /- For Individual registration (Students who are not able to register his /her name through school.)

Stages of Competition

Phase I :- Online theory Competition

Phase II :- Online Practical Competition

Phase III :- A) Online General Interview and

B) Online submission and Evaluation of Action Research Project.

Structure of stages of Competition

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

Other Prizes (Separate trophy in following categories for each region)

1. Dr. Vikram Sarabhai Trophy (Lakshvedhi Gunvatta Puraskar) To School, - For remarkable performance which bags maximum medals..
2. Vidnyan Jattha Trophy (Kamal Sahbhag Puraskar) – To School, For maximum participation.

Registration Process: 1) School Registration 2) Individual Registration

- Registration for the competition should be done by online and through school or individually.
- Registration done through private classes or academy will not be considered at any circumstances.
- Students from Semi-English can choose medium either English or Marathi as per their comfort level but once selected medium should be remains same for all the remaining phases of the competition.

At the time of registration

- 1) New school registration: (school not registered previously)
- 2) Regular school registration: (school registered previously)
- 3) Individual registration

1.New school registration: If your School is registered before or last year.

1. Go to www.msta.in and Click on 'Apply online'
2. Click on 'New School Registration.' It is mandatory to register your school.
3. Fill up all the details of school correctly. Don't use any short form and signs.
4. While filing above information write complete postal address of school with pincode. In case of incomplete address GBSTA will not responsible for the delay of correspondence.
5. After filing all the detail 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 as it will be sent by sms 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.

2) Regular school registration: (school registered previously)

1. Go 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. Dont register your School again clicking on 'New School Registration'.
3. Your School information will be displayed on screen. Make sure and confirm school details. Make necessary changes if required. And click on 'confirm' button.

Once you get the Login Id and password you have to keep ready the students list in the following format with students passport size photo and students school Id / Aadhar Card and students e-mail address .

(Size of the Photo: Maximum 2 MB jpg, png & jpeg)

| Sr. No | Name of candidate (in capital letter) | | | | Gender | Std. | Medium | Mob. No. of |
|--------|---------------------------------------|--------------|-------------|-------------|--------|------|--------|-------------|
| | Surname | Student Name | Father Name | Mother Name | | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |

You are requested to pay the competition fee online using following instructions & then register your students.

• How to pay the competition fee online

1. Collect the fee Rs. 250 /- per student t. Keep Rs. 20/- per student for School as processing fee of entire competition.
2. Pay remaining fees amount Rs. 230 /- per student online using following bank account details.
3. Log on to www.msta.in and Click on 'Apply online' to Login your School.
4. 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'. There is no any cost or fee for School registration.
5. Click on **add fees** .
6. Enter no of students. Amount will be calculated automatically.
7. Click on **Submit** .
8. You will directed to **ATOM Gateway of payment** .
9. Choose your payment mode (please note that for credit card and wallet extra service charge may be applicable).
- 10.Fill up the details and click on **pay now** .
11. For individual registration competition fees amount is Rs. 300 per student. Payment process is same as above.

12. Don't deposit competition fee in Bank. You have to pay fee amount online through our gateway only.

A) For Net Banking

Bank Account Details:-

1. Account Name : 'The Greater Bombay Science Teachers' Association'
2. A/C No. : 36494310194
3. Account Type : Current
4. Bank : State Bank Of India
5. IFSC Code : SBIN0000552
6. Branch: Malad (W), Mumbai-400 064.

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

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

- **Student Registration through school**

- 1) Go on to www.msta.in
- 2) Click on school Login and enter your Login Id and password.
- 3) Now you can enter the student details one by one by clicking on 'Add student' button.

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'.

1. Download template and Save on Desktop then Log out.
2. Open saved file of template on Desktop and fill details of all students and save file.
3. 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.
4. Now you will see list of all students.
5. Save this file by clicking on save button and also take a printout.
6. 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.
7. Upload students passport size photo and students school ID or Aadhar Card by clicking on button provided in front of respective student. (If you are fail to upload your photo and school Id/ aadhar card your registration will be considered as incomplete) (**Size of the Photo: Maximum 2 MB jpg, png & jpeg**)
8. If you are unable to register all the students at a particular time or a day you may login again, register the remaining students using same procedure. (Use same login Id and password)
9. In case, some additional students want to appear for the competition, pay their fees by using same login Id and password follow the same above procedure.
10. After completion of your registration, you will get email for the students enrolled.

3) Individual Registration

1. Go on to www.msta.in and Click on 'Apply online'.
2. Click on **Individual Registration**.
3. Fill your details.
4. Upload students passport size photo and students school ID or Aadhar Card by clicking on button provided (If you are fail to upload your photo and school Id/ aadhar card your registration will be considered as incomplete) (**Size of the Photo: Maximum 2 MB jpg, png & jpeg**)

5. Click on **pay now**, you will be directed to **ATOM Gateway of payment**.
6. Choose your payment mode (please note that for credit card and wallet extra service charge may be applicable).
7. Fill your A/C details and click on **pay now**.
8. If your registration is successful you will get Login Id & password for further correspondence.

For individual registration competition fees amount is Rs. 300 per student. Payment process is same as above.

IMPORTANT

1. No replacement is allowed in case, if any candidate does not appear (remains absent) for the competition. Fees once paid is non refundable.
2. 'On the spot entries' will not be allowed at any center at any circumstances.
3. We ensure that no injustice is done to any student. Please note that no rechecking will be entertained at any stage of the competition.
4. Link for mock test will be provided a week before actual online theory competition. We recommend that students to give mock test as many as times so that student can get familiar with interface of the competition.

DR. HOMI BHABHA BALVAIDNYANIK COMPETITION SCHEDULE 2020-21

| <u>SR.NO.</u> | DESCRIPTION | DAY AND DATES |
|---------------|---|--|
| 1 | Accepting online entry forms (Registration) | Wed. 16 th Dec. 2020 to Mon. 28 th Dec. 2020 |
| 2 | Online Theory competition | Std: VI Sun. 17 Jan. 2021 (Slot wise) Std: IX Sun. 24 Jan. 2021 (Slot wise) |
| 3 | Result of theory competition | Wen. 3 rd Feb. 2021 |
| 4 | Online practical competition | Std: VI Sun. 21 st Feb. 2021 Std: IX Sun. 28 th Feb. 2021 |
| 5 | Result of practical competition | Sun. 7 th March 2021 |
| 6 | Submission of action research project and viva | Sun. 18 th April 2021 |
| 7 | Prize distribution | First week of May 2021 |

Note: Please note that in view of pandemic situation (Covid -19), Organizers reserve the right to make change in schedule on any stage of competition.

Contact: The incharge allotted to your region (Call only between 9 am to 6 pm)

Contact Numbers of incharge with region

1) Mumbai region

- i) Smt. Amruta Sawant 9167335197 ii) Shri.Mahadev Yadav 9221350354

2) Thane region

- i) Shri.Jayant Ghadge. 9867906189 ii) Shri.Satish Gholap. 9222444171

3) Pune region

- i) Shri. Vivek Chavan. 9892752824 ii) Shri.Deelip Satpute. 9082951645

4) Nashik Region

- i)Smt.Nayana Thorat. 9867809686 ii) Shri. Sanjay Kanse. 9819176904

5) Kolhapur region

- i) Shri. Suresh Jadhav. 9221047057 ii) Shri. Vilas Manjalkar 9867359652

6) Aurangabad region

- i) Shri. Santram Pawar. 7506274117 ii) Shri. Narayan Gite. 8108177131

7) Vidarbha region

- i)Smt.Meenakshi Mane.9326956498 ii) Dr.Sanjay Mohite. 8169025026

8) Other than Maharashtra region

- i) Shri.Kailas Chavan 9029197211 ii) Shri.Govind Gunjal, 9969418890
iii) Shri.Achutrao Mane 9869634858 iv) Shri. Pratap Thorat 9004255387
v) Shri. Shrikant Shingare 9869634765 vi) Shri.Sandeep Shinde 9594161578
vii) Shri.Arvind Kadam 9833184746 viii) Shri.Mohan Patil 9869637535

Office Number: 022-28806995

Incharge of competition: Shri. Sandeep Shinde

Shri.Kailas Chavan

Shri.Govind Gunjal

Shri.Achutrao Mane

President

Secretary

Treasurer

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