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केन्द्रीय माध्यमिक शिक्षा बोर्ड

(मानव संसाधन विकास मंत्रालय, भारत सरकार, के अधीन एक स्वायत्त संगठन)

शिक्षा सदन, 17, इन्सटिट्यूशनल क्षेत्र, राउज एवेन्यु, दिल्ली-110002.

CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organization under the Union Ministry of Human Resource Development, Govt. of India)

"Shiksha Sadan", 17, Institutional Area, Rouse Avenue, Delhi-110002



CBSE/Acad./AD(R&I)/GMO/2016

Date: 8th August, 2016

**All the heads of institutions
affiliated to CBSE**

Circular no. Acad-30/2016

Subject: Conduct of CBSE Group Mathematical Olympiad, 2016

Central Board of Secondary Education has been conducting Group Mathematical Olympiad every year with an aim to strengthen the knowledge of the students, enhance their innate problem solving skills and to identify talent at a young age.

This year the Group Mathematical Olympiad will be held on **16th October 2016** at selected venues in different parts of the country leading to participation in the Indian National Mathematical Olympiad (INMO) and International Mathematical Olympiad (IMO). The enclosed brochure gives detailed information about the competition.

Further queries in this regard may be addressed to:

**Sh. Subhash Chand
Deputy Director,
Shiksha Sadan, 17 Rouse Avenue,
New Delhi-110002.**

Tel.: 011-23216220, email: schand.cbse@gmail.com

You are requested to give wide publicity to the information contained in the **enclosed Brochure** and encourage participation in large numbers.

With Best Wishes

Sd/-

(Ms.Sugandh Sharma)
Additional Director (Research & Innovation)

Copy to the respective Heads of Directorates, Organizations, and Institutions as indicated below with a request to disseminate the information to all the schools under their jurisdiction:

1. The Commissioner, KendriyaVidyalayaSangathan, 18-Institutional Area, Shaheed Jeet Singh Marg, N D-16
2. The Commissioner, NavodayaVidyalayaSamiti, B-15, Sector-62, Institutional Area, Noida-201309.
3. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110 054.
4. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160 017.
5. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim – 737101.
6. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar – 791 111
7. The Director of Education, Govt. of A&N Islands, Port Blair - 744101.
8. The Director of Education, S.I.E., CBSE Cell, VIP Road, JungleGhat, P.O. 744103, A&N Island
9. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini
10. The Additional Director General of Army Education, A –Wing, SenaBhawan, DHQ, PO, New Delhi-110001.
11. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010
12. The Under Secretary (EE-1), MHRD, Govt. of India, Department of SE&L, ShastriBhawan, New Delhi-110001
13. All Regional Directors/Regional Officers of CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions.
14. All Associate Professor & Additional Directors/Advisors/Consultants
15. All Joint Director/Deputy Director/Assistant Director, CBSE
16. In charge IT Unit with the request to put this circular on the CBSE Academic website.
17. The Assistant Librarian, CBSE
18. The Public Relations Officer, CBSE
19. PS to Chairperson, CBSE
20. PS to Secretary, CBSE
21. PS to Controller of Examinations, CBSE
22. PS to Director (Special Exams and CTET), CBSE
23. PA to JS & IC (A & T)
24. PA to AD (R&I)
25. PS to Director (Information Technology)

Additional Director (Research & Innovation)



16TH OCTOBERER 2016

**CBSE GROUP
MATHEMATICAL OLYMPIAD**



**Give yourself a
chance to
participate in the
International
Mathematical
Olympiad**

**Any student
from classes 9th
to 11th can
participate**

**Last date for
sending entries:
5th September,
2016**

**CENTRAL BOARD
OF SECONDARY
EDUCATION**

**Shiksha Sadan, 17
Rouse Avenue
New Delhi 110 002.**

<http://cbseacademic.in>

**16th October, 2016
1:00 PM to 4:00 PM**

BACKGROUND INFORMATION

Mathematical Olympiads are the competitions conducted by different organisations to identify, encourage, promote and nurture the talent in mathematics at state, regional, national and international levels.

After having been accorded the status of an independent group by National Board for Higher Mathematics (NBHM) in 1997, Central Board of Secondary Education, Delhi has been conducting CBSE group Mathematics Olympiad for students studying in its affiliated schools.

The said competition used to be conducted in December every year at different centres located in different parts of the country. From this year onward it will be conducted in the month of October. A maximum number of 30 students and additional quota of 5 girls from CBSE group are selected strictly in order of merit to participate in Indian National Mathematical Olympiad (INMO) conducted by National Board for Higher Mathematics (NBHM). Selection at National level leads to participation at the International Mathematical Olympiad.

OBJECTIVES OF MATHEMATICAL OLYMPIAD

The role of Mathematics cannot be denied in the age of rapid technological advancements and innovations. The broad objectives of conducting Mathematical Olympiad include:

- Identifying talent in Mathematics
- Providing opportunities to young and talented students to solve challenging problems in Mathematics
- Promoting excellence in Mathematics
- Encouraging talented students to pursue careers in the fields related to Mathematics

WHO CAN PARTICIPATE IN CBSE GROUP MATHEMATICAL OLYMPIAD

- a) Any student studying in classes IX, X or XI can participate in the competition. However, there will be a common question paper for all participants. **Bright students from class VIII may also appear.**
- b) A school can sponsor maximum five students for the competition.
- c) The five students should be selected strictly on the basis of a screening test conducted by the school itself.

DATE AND TIME OF EXAMINATION

- a) CBSE Group Mathematical Olympiad 2016 will be held on Sunday, 16th October, 2016 at the centres notified at the end of this folder.
- b) The duration of the Examination will be 3 hours (1:00 pm to 4:00 pm)

FEE TO BE PAID

Every sponsored candidate shall remit a sum of **Rs. 100/-** as entry fee for the Examination. The fee of the candidates should be forwarded by the principal of the participating school to the state coordinator (venue school/centre) in the form of **demand draft drawn in favour of the Co-ordinator/Principal of the centre/venue school**. The list of venue schools (state coordinators) appears at the end of this folder.

LAST DATE FOR APPLICATION

The fee along with desired information about the selected candidates should reach the state coordinator by **5th September, 2016**.

HOW TO APPLY?

- a) The head of the participating schools will forward the names of the selected candidates to the state coordinator(venue school) nominated by the Board
- b) The information about the selected candidates including **name, father's name, date of birth, gender, school address, class, residential address, contact number of the student and email id** should be sent to the state coordinator along with the fee before the last date.
- c) The selected candidates should be bonafide students of the school/institution
- d) **The admit card to be issued by the participating school** should have complete information about the students.
- e) The admit card should also carry the signature of the student and his/her latest photograph duly attested by the principal. The sample format is given at the end of the brochure.

VENUE FOR THE EXAMINATION

- a) The Group Mathematical Olympiad will be held at one, two or three venues in each state as listed in the folder.
- b) Every candidate is required to appear at the venue in his/her state only. No change of venue for the Examination will be admissible.
- c) Every candidate has to bear the expenditure for his/her transport, board and lodging etc.
- d) In case of candidates studying in gulf schools, the schools will have to make arrangement for candidates to appear at the identified centre.
- e) The state coordinator will inform all the participating schools about the roll numbers of the candidates, exact venue, date of Examination, time of Examination and the other details

MEDIUM OF EXAMINATION

The question paper will be made available in **English** medium. The candidates are required to answer in **English** only.

SYLLABUS AND PATTERN OF EXAMINATION

There is no specific syllabus for the Examination. Areas of school mathematics such as **algebra, geometry, number theory, combinatorics** etc. are to be prepared for the test. The question paper will consist of 6-7 questions of non-routine nature. The question papers of previous years are available at olympiads.hbcse.tifr.res.in/subjects/mathematics

CONDUCT OF GMO

- a) The coordinator will act as the Centre Superintendent for the Examination at his/her centre. He/she will appoint invigilators as per CBSE Examination norms.
- b) In addition to invigilators the Centre Superintendent may appoint one clerk/peon for the conduct of the Examination.

MERIT LIST

The answer sheets of candidates who appear in CBSE-GMO will be evaluated in CBSE office. CBSE will select a maximum of 30 candidates strictly in order of merit. **From this year there will be an additional quota for five girl candidates. Five girls are added apart from the existing merit list of 30 students.** Only the selected candidates will be informed about the result and will be eligible to appear in the Indian National Mathematical Olympiad conducted by NBHM. The names of the selected candidates will be communicated to respective schools as well as NBHM for further necessary action. The result will also be available at website www.cbseacademic.in.

List of Venues/ State Coordinators

| S. NO. | STATE | CODE | VENUE | STATE CO- ORDINATORS |
|--------|----------------------------------|------|------------|---|
| 1. | Delhi | DL 1 | Delhi | The Principal S.D Public School, BU-Block, Pitampura, New Delhi- 110017 Phone No. 011- 27344932 sdpublic_school@yahoo.co.in |
| 2. | Delhi | DL 2 | Delhi | The Principal Bharatiya Vidya Bhavan's Mehta Vidyalaya, Kasturba Gandhi Marg, New Delhi - 110 001. Phone Nos. : 23384881/23389943 Email : principal@bvbmehtavidyalaya.org |
| 3. | Rajasthan | RJ | Jaipur | The Principal Bhartiya Vidya Bhavan's Vidyashram Opp. OTS, KN Munshi Marg Jaipur-302015. Phone No. 0141-2707859, 2702006, 0141-271158(Fax) principal@bhavansvidyashram.org , bhavansvidyashram.org |
| 4. | Chandigarh, Himachal Pradesh | CH | Chandigarh | The Principal Gurukul Global School Near IT Park Manimajra ,Chandigarh Ph.172- 2735100,2736100 Fax: 2737100 principal@gurukulglobal.com |
| 5. | Punjab and Jammu & Kashmir | PB | Jalandhar | The Principal Cambridge International School for Girls Urban Estate, Jalandhar Ph.- 0181 4623951, 4623952, 4623953 FAX NO -0181- 2442342 Cisfg.2004@gmail.com , cambridgeinternational@rediffmail.com |
| 6. | Haryana | HR | Panipat | The Principal S D Vidya Mandir (Sr. Wing) Sector 11-12, HUDA Near Angel Prime Mall, Panipat Phone No. 0180-2661890, 91, 92, 93 2633513, 2639275 sdvm@sify.com , sabitachoudhary@gmail.com |
| 7. | Uttar Pradesh | UP 1 | Lucknow | The Principal Rani Laxmi Bai Memorial School Sector XIV, Indira Nagar, Lucknow Phone No. 0522-2359059, (R)2701427, (Fax)2359868 rlb14in@rediffmail.com |
| 8. | Uttar Pradesh | UP 2 | Meerut | The Principal Dewan Public School 220, Westend Road, Meerut, (U.P) Phone No. 0121-2573636, 2653935 dewanschool@indiatimes.co |
| 9. | Uttar Pradesh | UP 3 | Varanasi | The Principal DALIMSS SUNBEAM SCHOOL Rohania, Varanasi, Uttar Pradesh Pin- 221108 Phone No- 0542-2255605, 2255564 Fax- 0542-2255607 Email ID- principal.dalimss@gmail.com principal.dalimss@gmail.com |

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|-----|---------------------|----|-----------|---|
| 10. | Gujarat | GJ | Vadodara | The Principal New Era Senior Secondary School Near Arpan Complex NazamPura Vadodara-390002 Phone No. +912652784597 Email: nesss@dataone.in newerabaroda@gmail.com |
| 11. | Maharashtra and Goa | MH | Nagpur | The Principal Bhavan's B.P. VidyaMandir,LalaLajpatRaiMarg, Civil Lines, Nagpur, Maharashtra-440001 O- 0712-2521986, 2543143 bvm0104 ngp@bsnl.in |
| 12. | Karnataka | KR | Bangalore | The Principal Jain International Residential School Jakkasmundra Post, KanakPura, Bangalore, Rural Distt. 562112, Phone No. 080-27577013, 27577050 info@jirs.ac.in |
| 13. | Kerala | KL | Cochin | The Principal Bhavan'sVidyaMandir Desabhimani Road, Elamakkara, Kochi-682 026, Tel. No. 0484 - 2408514 / 2537621 Fax. No. 0484 - 2537621 bvm elmk@yahoo.com www.bhavanselamakkara.ac.in |
| 14. | Tamil Nadu | TN | Chennai | The Principal Bhavan'sRajajiVidyashram 'Bhavani' Campus' No. 6 KilpaukGardern Road Kilpauk, Chennai 600010 Phone No. 91-44-26442823/2168 Fax: 91-44-26604466 Email: brvprincipal@bvbchennai.org |
| 15. | Andhra Pradesh | AP | Hyderabad | The Principal BhartiyaVidyaBhavan's Public School Road No. 71, Jubilee Hills Hyderabad, Andhra Pradesh-500034 Phone No. 040-23544934 R-040-23607476,Fax-040-23600200 bvbpsjh@rediffmail.com |
| 16. | Jharkhand | JH | Bokaro | The Principal ChinmayaVidyala Sector-V B S City, Bokaro 06542-269609, 279250 FAX - 06542-276811 E-Mail : principalcvbokaro@gmail.com |
| 17. | Uttarakhand | UK | Dehradun | The Principal SCHOLARS HOME All India Sr. Sec. Day and Residential School, Senior Section : 153, Rajpur Road, Dehradun, Phones : (91)-135-2734337, 2654935 Fax : (91)-135-2734417 shome@bsnl.in |
| 18. | Madhya Pradesh | MP | Gwalior | The Principal Gwalior Glory High School, Neemchandoha Shiv Puri Link Road Gwalior Madhya Pradesh Phone No. 0751 2436201 0751 2436101 Email: gwaliorglory@rediffmail.com Office.gwaliorglory@gmail.com |

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|-----|--------------------------|------|-------------|--|
| 19. | Chhattisgarh | CG | Raipur | The Principal N.H. Goel World School VidhanSabha Road Post Nardaha, Near VidhanSabha Raipur (CG) – 493111 Tel: 91 771 4244000, 917714244011 Email: enquiries@nhgoel.com , nhgoel@yahoo.com , imnhgoel@gmail.com |
| 20. | West Bengal | WB 1 | Kolkata | The Principal Apeejay school 115, Park Street, Kolkata, West Bengal-700016 Phone No. 033-22298893, 22291779 ritachatterjee@apeejaygroup.com |
| 21. | West Bengal | WB 2 | Durgapur | The Principal DAV School,J.M. SenguptaRoad Durgapur,West Bengal,713205 Phone no.- 0343 256 3500 davmdgp@gmail.com |
| 22. | Bihar | BR | Patna | The Principal Loyola High School Kurji, P.O. Sadaquat Ashram. Patna,Bihar-800010 Phone No. 612-2262272, 2272975 loyolapat@yahoo.com , brosat@gmail.com |
| 23. | Orissa | OR | Bhubaneswar | The Principal DAV Public School Chandrashekarpur Bhubaneswar, Orissa Phone No. 0674-2740651, 2740340 davcspur@gmail.com |
| 24. | Assam | AS | Guwahati | The Principal KendriyaVidyalayaBorjhar Guwahati Assam-781017 Phone No. 0361-2840324 prikvb@yahoo.com |
| 25. | Arunachal Pradesh | AR | Itanagar | The Principal Gyan Ganga Vidyapeeth Chandra Nagr, Itanagar-791111 Phone No. 0360-2212773 Mob.No.9436050057 gyanitanagar@gmail.com |
| 26. | Sikkim | SK | Gangtok | The Principal KendriyaVidyalayaRadang Gangtok-737102, Sikkim Phone No. 03592-232646 R- 03592-231255 kvgangtok@yahoo.com |
| 27. | Andaman & Nikobar Island | AN | Port Blair | Vivekananda Kendra Vidyalaya PORT BLAIR P.B.No.-501, Jungli Ghat Post, Port Blair - 744 103. Andaman & Nikobar Island (IN) Phone : +91-(0)3192 - 233 426 / 244777 Email : principal_vkv@rediffmail.com , svkvkv@rediffmail.com Web : http://portblair.vkv.in |

CENTERS ABROAD

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|-----|-------|----|------|--|
| 28. | Qatar | QT | DOHA | The Principal Birla Public School P.O. Box: 24686 Building No. 160, Plot No. 78, Zone No. / Area No. 56, Street No. 1011, Street Name : Kanis, |
|-----|-------|----|------|--|

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|-----|--------------|----|-----------|---|
| | | | | Sub-area Name : Mesaim eer, Opposite Religious Complex, Abu Hamour, Doha – Qatar. Phone: +974 44676701 / 2 / 3 Fax: +974 44676101 Email: aditya_shri@hotmail.com bpsdoha@qatar.net.qa |
| 29. | Saudi Arabia | SA | AlKhubar | The Principal The International Indian School, Post Box No.3320 Dammam Eastern Province,AlKhubar- 31952,Kingdom of Saudi Arabia Phone No.0096614934688 iisdammam@hotmail.com |
| 30. | Saudi Arabia | SA | Jeddah | The Principal International Indian School, Jeddah KSA. P.O. Box : 14861 , Jeddah - 21434 Saudi Arabia Phone : 6751536,6711934 iisjed1969@indianschooljeddah.com |
| 31. | Oman | OM | Muscat | The Principal The Indian School P.B.No. 2470 Ruwi, PC-112, Muscat Sultanat of Oman Phone No. 00968-706046 R-0096824702567/24799567 email: ismoman@omantel.net.om, ismprincipal@gmail.com |
| 32. | Bahrain | BH | Manama | The Principal The Indian School ManamaBahrain,ISA Town P.B.No-558 Ph.No-00973-17681457,17684166 principal@indianschool.bh |
| 33. | UAE | UA | Abu Dhabi | The Principal Emirates Future International Academy P.O. Box 128576 Musaffah, Abu Dhabi UAE Tel: 00971(0) 25525188 00971(0) 25525202 Email: efia.uae@gmail.com |
| 34. | Dubai | DB | Dubai | The Principal The Indian High School Post Box. 106 Dubai, UAE Phone no. 009714-3377475-219 indiansc@emirates.net.ae |
| 35. | Kuwait | KW | Safat | The Principal Indian Educational School, P.O Box 24079 Safat - Kuwait Phone: 2434 0882, 965 6623 1493 chairman@bhavanskuwait.com , principal@bhavanskuwait.com |
| 36. | Singapore | SG | Singapore | The Principal Yuvabharathi International School (YBIS) Tel +65 62658610 (off) Email: principal@yuvabharathi.sg |

CBSE GROUP MATHEMATICAL OLYMPIAD-2016

ADMIT CARD

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|--|--|--------------|
| Name of the Candidate | | PHOTO |
| Date of Birth | | |
| Gender | | |
| Father's Name | | |
| Residential Address | | |
| Contact Number of the Candidate | | |
| Class | | |
| Name of the School | | |
| Address of the School | | |
| Contact number of the School | | |

Signature of the Candidate

Signature of the Principal with seal

Name

Mobile Phone No.