



# केन्द्रीय माध्यमिक शिक्षा बोर्ड

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)

## CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organisation Under the Ministry of Education, Govt. of India)



CBSE/ACAD/JS(AHA)/2024

Date: 13.08.2024

Circular No: Acad-68/2024

All the Heads of Schools Affiliated to CBSE

### Subject: Āryabhāṭa Ganit Challenge – 2024

CBSE conducts the Aryabhata Ganit Challenge (AGC) to foster the development of essential competencies in applying mathematics to everyday situations. This initiative aims to promote these skills among students through an engaging assessment process. The primary focus of the challenge is to evaluate students' ability to utilize mathematical concepts in practical, real-life scenarios. This approach not only reinforces the practical relevance of mathematics but also encourages a more holistic understanding of the subject beyond theoretical concepts.

#### I. Levels/Stages of Challenge

The AGC shall be conducted at two levels.

- Level 1: School Level Competition to be conducted by the School. A Question Paper for Level 1 competition will be provided by CBSE through its portal. Schools will download the Question Paper and conduct the examination.
- Level 2: National Level Competition to be conducted by CBSE as a Computer Based

#### II. Eligibility:

- Level 1 (School Level Competition): All students of class VIII-X in CBSE affiliated schools
- Level 2: Top three students from each affiliated school registered for the first stage

#### III. Areas of Assessment

Assessment to be conducted in the following content and competencies –

Content	Competencies
<ul style="list-style-type: none"><li>• Number sense and Number System</li><li>• Algebra</li><li>• Mensuration</li><li>• Geometry and Spatial Sense</li><li>• Data Analysis and Probability</li><li>• Quantitative Aptitude</li></ul>	<ul style="list-style-type: none"><li>• Conceptual Understanding</li><li>• Logical Reasoning and Analytical thinking</li><li>• Problem Solving skills</li><li>• Strategic approach</li><li>• Visualisation and Mathematisation</li><li>• Creative and Abstract thinking</li></ul>

#### IV. Test duration, type of questions and total marks

At both the levels,

- the test will be of one hour with Multiple Choice Questions only
- total weightage shall be 40 marks and there shall be no negative marking



‘शिक्षा सदन’ ,17 राऊज़ एवेन्यू ,इंस्टीटूशनल एरिया, नई दिल्ली –110002

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### V. Process of conduct of test and Selection:

The test shall be conducted in two stages:

#### 1. First stage:

- An affiliated school can apply through the link on or before **24th August 2024** till 5:30 p.m. No fees shall be charged for the first stage. The link is – [https://cbseit.in/cbse/2024/GAC\\_web/login.aspx](https://cbseit.in/cbse/2024/GAC_web/login.aspx)
- During the period from **27th August to 04th September, 2024**, a question paper will be made available to the registered schools with answer key through the portal.
- The registered schools will conduct the test by using the question paper to identify top three students. In case more than three students score same marks at the top level, a suitable screening test may be conducted by the schools at their own level to identify the top three students.
- Schools shall register the names of these top three students by paying online fee of **Rs.900/-** during **16th September, 2024 to 22nd September, 2024**. The link for paying online fee can only be accessed by the schools that are registered for the Aryabhata Ganit Challenge (AGC) before the last date.

#### 2. Second Stage:

- A computer-based test will be conducted by the board for the top three students registered from each school on **4th October, 2024**. Only the schools that have completed the first stage shall be eligible for the second stage.
- The detailed modalities of conduct of the test shall be communicated to the schools that have registered class VIII-X students for the challenge.
- On successful completion of the second level computer test, top 100 students from each CBSE region will be given Merit certificate.

### VI. Fees

- First Level: There shall be no fees for participation at the first level (School Level).
- Second Level: **Rs. 900/-** per school shall be charged for appearing in the challenge at the Second Level.
- Fees will be accepted only through Debit Card/ Credit Card/ NEFT at the time of registration. Fee once paid shall not be refundable.

### VII. Recognition of Schools promoting the challenge

- 10 schools from each region with maximum number of student participation in the first stage shall be given an appreciation certificate by the Board.
- All schools may encourage their students to participate in Āryabhaṭa Ganit Challenge and avail the opportunity to identify and nurture Mathematical skills and potential of students. The participation and performance in this challenge may also be acknowledged in the portfolio of the students.

Dr. Praggya M Singh  
Director (Academics)



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**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, Kendriya Vidyalaya Sangathan, 18 Institutional Area, Shaheed Jeet Singh Marg, New Delhi-16
2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida-201309
3. The Secretary, Eklaya Model Residential Schools (EMRS), Ministry of Tribal Affairs, Government of India.
4. The Secretary, Sainik Schools Society, Room No. 101, D-1 Wing, Sena Bhawan, New Delhi-110001
5. The Chairman, Odisha Adarsha Vidyalaya Sangathan, N-1/9, Near Doordarshan Kendra, PO Sainik School Nayapalli, Bhubaneswar, Odisha-751005
6. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110 054
7. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160017
8. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim –737101
9. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar –791 111
10. The Director of Education, Govt. of A&N Islands, Port Blair – 744101
11. The Director of School Education, Ladakh, Room No.101-102, Ground Floor, Council Secretariat, Kurbathang, Kargil - Ladakh
12. The Director of School Education, Andhra Pradesh, 3<sup>rd</sup> Floor, B block, Anjaneya Towers, VTPS Rd, Bhimaraju Gutta, Ibrahimpatnam, Andhra Pradesh – 521 456
13. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector -3, Rohini, Delhi
14. The Additional Director General of Army Education, A –Wing, Sena Bhawan, DHQ, PO, New Delhi-110001
15. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010
16. DS to Chairperson, CBSE
17. Secretary/ Controller of Examinations/ All Directors, CBSE
18. 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
19. All Joint Secretary/ Deputy Secretary/ Under Secretary/ Assistant Secretary, CBSE
20. All Head(s)/ In-Charge(s), Centre of Excellence, CBSE
21. In charge IT Unit with the request to put this Circular on the CBSE Academic Website
22. In-Charge, Library
23. Record File

**Director (Academics)**



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