



PAMA Global Abacus and Mental Arithmetic Association

泛太平洋珠心算協會

(Official registration #1030303233)

ADD : 1F., No.96, Qiangang St., Shilin Dist., Taipei City 111, Taiwan (R.O.C.)

E-mail : pamageneral@gmail.com Website: www.pamaglobal.org

地址 : 台北市 111 士林區前港街 96 號 1 樓 TEL : 886-2-28823993 FAX : 886-2-28838000

2021 PAMA Online Competition

1. Mission:

Amidst the global coronavirus epidemic, large gatherings like PAMA Competition carry too much risk. Instead, PAMA will hold a special online competition this year for all the students. The online competition will give students a different experience and help them stay motivated.

2. Date:

Mock Competition (Test run): November 14th, 2021, from 15 pm to 17 pm, Taipei time

Official Competition: December 12th, from 15 pm to 17 pm, Taipei time

3. Location:

Open venues that accommodate the students and teachers. Deploy protective measures if necessary.

4. Equipment:

Tablet, laptop, or desktop computers with internet access

5. Organizer:

Pan Pacific Abacus and Mental Arithmetic Association

6. Co-organizers:

PAMA Member Countries: Taiwan, Malaysia, Thailand, Canada, South Africa, Vietnam, Korea, Saudi Arabia, India, Australia, Iran, Russia, Kazakhstan, China, Uzbekistan, Egypt, Jordan, Iraq, United Arab Emirates, Tajikistan and Palestine.

7. Registration Procedures:

(1) Registration will be open between September 1st and October 15th, 2021. Changes to submitted entries will be accepted no later than October 15th. No late submission will be accepted.

(2) Each country will collect registration from its students and submit the related documents to PAMA before the deadline.

E-mail: pamageneral@gmail.com

8. Registration Fee:

(1) The recommended registration fee is \$30 to \$50 per contestant. Each member country determines its registration fee, taking all operating costs into account.

(2) The Secretariat will collect \$5 for each registration for competition operation. Members will keep the remaining money.

9. Competition Format and Rules

(1) Registrations are only accepted through PAMA members. No individual registration will be accepted.

(2) Competition Subjects, groups and contents:



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Group		Group A	Group B	Group C	Group D	Group E	No.of Questions each paper /Time /Total Score
Level		Level 8	Level 7	Level 6	Level 5	Level 4	
Age		Born in and after 2015	Born during 2013 - 2014	Born during 2011 - 2012	Born during 2009 - 2010	Born during 1999 - 2008	
Abacus Calculation	+ -	2 Digits 6 Rows No decimal points	2-3 Digits 10 Rows No decimal points	2-4 Digits 10 Rows with decimal points	3-4 Digits 10 Rows with decimal points	4-5 Digits 10 Rows With decimal points	20 Qs 3 Mins 200 Marks
	x	3x1	2x2	2x3 3x2	2x4 4x2 3x3	2x5 3x4 4x3 5x2	30 Qs 3 Mins 150 Marks
	÷	2÷1 3÷1	3÷1 4÷1	3÷2 4÷2	4÷2 5÷2 4÷3 5÷3	5÷2 5÷3 5÷4 6÷2 6÷3	30 Qs 3 Mins 150 Marks
Mental Calculation	+ -	1 Digit 6 Rows	1 Digit 7 Rows	2 Digits 4 Rows	2 Digits 6 Rows	2 Digits 8 Rows	20 Qs 1Min 200 Marks
	x	1x1	1x1	2x1	2x1	2x1 3x1	30 Qs 1 Min 150 Marks
	÷	1÷1 2÷1	1÷1 2÷1	2÷1 3÷1	2÷1 3÷1	2÷1 3÷1 4÷1	30 Qs 1 Min 150 Marks
Abacus or Mental Calculation	+ - x ÷	x : 10 Q ÷ : 10 Q +- : 10 Q	x : 10 Q ÷ : 10 Q +- : 10 Q	x : 10 Q ÷ : 10 Q +- : 10 Q	x : 10 Q ÷ : 10 Q +- : 10 Q	x : 10 Q ÷ : 10 Q +- : 10 Q	30 Qs 1 Min 200 Marks



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10. Award Distribution

Awards	1 st Place	2 nd Place	3 rd Place	4 th Place
Percentage	20% or more	20% or more	30%	30% or less

- (1) There will be no limit to the number of contestants and Champion of Champions awards.
- (2) The abacus component is scored out of 500 points and the mental arithmetic component is scored out of 500 points. The combined final score is out of 1000 points.
- (3) Contestants will be ranked based on the final scores. The tie-breaker score will come into effect when multiple contestants have the same final scores.
- (4) If the contestants share the same tie-breaker scores, the scores of individual subjects will be used to determine the ranking in the following order: abacus addition and subtraction, abacus multiplication, abacus division, mental addition and subtraction, mental multiplication, and mental division.
- (5) If the contestants share the same scores in all subjects, they will receive the same awards.
- (6) Countries that do not have any first or second place finishes in one Group will receive guaranteed berths for these two awards in that Group. 10% of the students from one country in that Group will receive first place, and 10% of the students from one country in that Group will receive second place if there are at least 10 contestants in the Group.
For example: If no Group A students from Taiwan finished in the top 20%, but there are 20 Taiwanese students in Group A, Taiwan will have two guaranteed first-place awards (10% of 20 Taiwanese students in Group A). The same rule applies to second place awards. There will be no more protection awards if there are fewer than 10 contestants in a Group. **Since this special clause will only be implemented for the online competition, we will not reveal this to students to avoid confusion.**
- (7) 30% of the contestants in each Group will receive the third place. All remaining contestants will receive fourth places. The difference of this policy is the addition of protection first and second place awards for member countries. This rule serves as motivation without disrupting the fairness of the ranking.

11. The responsibilities of the Secretariat and PAMA members

- (1) The Secretariat will provide the question bank for the mock and official competitions, accept registrations, oversee the competition, produce the ranking of the contestants, prepare the certificate source files, and more.
- (2) The members are responsible for collecting registrations, collecting registration fees, testing the competition platform, enforcing the competition rules, printing certificates, ordering trophies, conducting award ceremonies, and more. Please take into account possible expenses and set a reasonable amount for the registration fee.
- (3) PAMA Secretariat will provide access to the competition platform and the rules of the competition.



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12. Competition Ranking and Results:

(1) The Secretariat will verify the scores and the final ranking. The results will be sent to all members via email and posted on PAMA website three days after the competition.

(2) <https://www.pamaglobal.org/news>

13. Miscellaneous:

(1) Any change to submitted entries must be submitted before October 15th. Changes or registration will not be accepted after October 15th.

(2) No refund will be granted after a registration will be submitted.

14. Future updates will be made in separate announcements.

