

DRAFT REGULATIONS OF THE MEDITERRANEAN MATHEMATICS COMPETITION (PETER O'HALLORAN MEMORIAL)

1.GENERAL

1.1.The Mediterranean Mathematics Competition (Peter O'Halloran Memorial) is to be held each year, at the most convenient time for each participating country, with preference at march or april.

1.2.The participants will be students of the countries which form the Mediterranean Rim. However, the neighbouring countries can be also invited to take part at the Contest.

1.3.The contest questions are to be collected from the contestants at the end of the MMC and are to kept confidential until all the participant countries should have sat the MMC.

1.4. Each participant country is responsible for the costing and organization of the MMC within their country.

1.5. The aims of the MMC include:

a)The discovering, encouraging and challenging of mathematically gifted school students in all the Mediterranean countries.

b)The stablishment of friendly international relations and cooperation between students and teachers in the Mediterranean Region.

c) The creating of an opportunity for the exchange of information on school syllabi and practice throughout the Mediterranean Region.

d)The encouragement and support of mathematical involvement with problem solving, Olympiad type activities, not only in the MMC participant countries, but also in other Mediterranean Countries.

1.6.The MMC contest consists of one four and half hours paper consisting 3 or 4 questions of varying difficulty and each having a maximum score of 7 points.

2.PARTICIPATION

2.1.The participation in the MMC is by invitation.

2.2.Contestants should not have formally enrolled at a University (or equivalent post secondary institution) and they must be younger than 20 years of age on the 1st July on the year of the contest.

2.3. Each country may have, unoficially, any number of students sitting the MMC, but the details and results of a maximum of ten students coded in ranked order, plus copies of the 1st, 3rd and 7th ranking students solutions papers are to be sent to the Chairman of the Executive Committee of the MMC. Equal ranking is not permitted.

2.4. All the MMC participants will receive a Certificate of Merit or Participation. The constraints for the issuing of Merit Award Certificates in general

for a particular country are as follows:

a) to determine the overall numbers and levels of gold, silver and bronze award certificates, the following guidelines are to be used:

i) Maximum total number of award certificates = $\lceil \frac{n+1}{2} \rceil$, where n = total number of MMC contestants.

ii) scores for gold awards $\geq m + \sigma$,

scores for silver awards $\geq m + \frac{1}{3}\sigma$,

scores for bronze awards $\geq m - \frac{1}{3}\sigma$,

where m = mean MMC score, and σ = standard deviation of all the MMC scores.

b) For a particular country the number of

i) gold awards must be lesser or equal to one,

ii) gold + silver awards must be lesser or equal to three, and

iii) gold + silver + bronze awards must be lesser or equal to seven.

2.5. A Certificate of Honourable Mention will be awarded to any contestant who has not received a merit certificate but has obtained at least a perfect score of 7 for at least one question or has obtained scores of 5 or 6 points for at least two questions.

2.6. The questions proposals should, if possible cover fields of pre-university mathematics and be of varying degrees of difficulty.

3. EXECUTIVE COMMITTEE OF THE MMC.

The Executive Committee of the MMC is formed by representatives of the participant countries, up to a maximal number of 5.

The ECMMC will have as Chairman the Representative for Europe of the WFNMC who belong to a Mediterranean Country.

If both Representatives for Europe of the WFNMC belong to Mediterranean Countries, they will be alternatively Chairman of the ECMMC.

If none of the Representatives for Europe of the WFNMC belong to a Mediterranean Country, the participant countries at the MMC will elect their Chairman.

TIMETABLE FOR THE EIGHTH MEDITERRANEAN MATHEMATICS COMPETITION 2005 (PETER O'HALLORAN MEMORIAL)

- Mid of November 2004: The Announcement of the 8th MMC is sent in to all the interested countries.

- End of January 2005: the interested countries sent the intention of participate in the 8th MMC.

- February. 15, 2005: Deadline for the reception of problems proposed by the participant countries.

- March 2005: the participant countries will receive the problems for the Competition.

- March or April 2005: the 8nd MMC takes place.
- May 2005: the Chairman of the ECMMC receive the results of each participant Country and publish the overall results and Merit awards Certificates.

ADDRESS OF CONTACT FOR THE MMC

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