



GOVERNMENT OF TAMIL NADU

MEDICAL SERVICES RECRUITMENT BOARD (MRB)

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CORRIGENDUM

In partial modification of the detailed Notification **No.11/MRB/2022, Dated: 10.11.2022** for the post of Assistant Surgeon (General), the Computer Based Test (CBT) for the post of Assistant Surgeon (General) is scheduled on **25th April 2023 (Tuesday) in more than one batch** at various examination centres in Tamil Nadu. The total Examination duration is 3.30 hrs, One hour for **Tamil, 30 minutes break** and Two hours for **Medical Science**.

Normalization of the marks:

The Computer Based Examination is conducted in multiple sessions. Whenever Computer Based Examination is conducted in multiple sessions based on the same syllabus, same pattern for candidates having same eligibility criteria, the raw marks obtained by the candidates in different sessions will be converted to normalized marks. A candidate will be permitted to appear only in one session. Attending more than one session will automatically leads to disqualification of the candidature and no further correspondence in this regard will be entertained.

In case the examinations are conducted in only one session, actual marks obtained by the candidates will only be considered for calculating the Merit List.

Calculation of normalized marks for multi-session papers:

In case of multi-session papers, a suitable normalization is applied to take into account any variation in the difficulty levels of the question papers across different sessions. The following Normalization formula for calculating the normalized marks for the multi-session paper is adopted as followed in various Competitive Examinations in India.

Score Normalization using Mean and Standard Deviation of Base Standard and Target Batch.

In this method there are following 3 factors:

- A) Ratio of SD of Base / Standard Batch to SD of Targeted Batch
- B) Difference of Score of Candidates and Average Score of the Target Batch
- C) Average Score of Base / Standard Batch

Normalized Score = A x B + C

Batch with maximum average with minimum 70% of the overall average attendance is considered as the Base / Standard Batch.

$$\mathbf{X_n = (S_2 / S_1) * (X - X_{av}) + Y_{av}}$$

Where:

X_n = Normalized Score of Targeted batch

S₂ = Standard Deviation of Score of Candidate for Standard batch

S₁ = Standard Deviation of Score of Candidate for Targeted batch

X = Score of Candidate in Targeted batch whose Normalized score is to be calculated.

\bar{X}_{av} = Average score of candidate in targeted batch.

\bar{Y}_{av} = Average score of candidate in standard batch.

Supposing set 1 is to be scaled against set 2 (which is declared as standard)

MEMBER SECRETARY