



TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD
ASSISTANT ENGINEERS (CIVIL), MUNICIPAL ASSISTANT ENGINEER, TECHNICAL
OFFICER & JUNIOR TECHNICAL OFFICER IN VARIOUS ENGINEERING DEPARTMENTS

NOTIFICATION NO.16/2022, DATED:12/09/2022

(GENERAL RECRUITMENT)

WEB NOTE

ADDENDUM

It is hereby informed that the Commission has decided to re-schedule the Assistant Engineer Examination which was cancelled earlier. It was decided to conduct the Assistant Engineer (Civil) paper in CBRT mode in multi-shifts duly adopting normalization of scores. It was also decided to conduct Assistant Engineer (Electrical) and Assistant Engineer (Mechanical) papers in single shift in CBRT mode.

Further, the Commission has decided to normalize the scores of candidates for the Computer Based examinations which are conducted in multi-shifts to take into account of any variation in the difficulty levels of the question papers across different shifts. The procedure for allocation of examination shift to candidates is random.

The following formula will be used by the Commission to calculate final score of candidates in the multi-shift examinations. This formula is largely used by various organizations and recruitment agencies viz., SSC & RRB etc., and also recommended by the Experts Committee constituted by the Commission.

NORMALIZATION FORMULA

$$\hat{M}_{ij} = \frac{\bar{M}_t^g - M_q^g}{\bar{M}_{ti} - M_{iq}} (M_{ij} - M_{iq}) + M_q^{gm}$$

Where:

\hat{M}_{ij} = Normalized marks of j^{th} candidate in the i^{th} shift.

\bar{M}_t^g = is the average marks of the top 0.1% of the candidates considering all shifts (number of candidates will be rounded-up).

M_q^g = is the sum of mean and standard deviation marks of the candidates in the examination considering all shifts.

\bar{M}_{ti} = is the average marks of the top 0.1% of the candidates in the i^{th} shift (number of candidates will be rounded-up).

M_{iq} = is the sum of mean marks and standard deviation of the i^{th} shift.

M_{ij} = is the actual marks obtained by the j^{th} candidate in i^{th} shift.

M_q^{gm} = is the sum of mean marks of candidates in the shift having maximum mean and standard deviation of marks of candidates in the examination considering all shifts.

N.B. 1. Calculation of normalized marks will be done up to 5 decimal places.

2. The following procedure be adopted for the pattern of examinations conducted by TSPSC in CBRT mode in Multi-shifts multi-subjects with Normalisation process under one Notification. For any notification the General Studies (GS) and Concerned Subject Normalisation are computed by Standard (viz., SSC, RRB etc.) Formulae i.e., Normalisation of individual Papers of all days i.e., Paper-1 of all days (viz., P1Day1, P1Day2, P1Day3.....) & Paper-2 of all days (viz., P2Day1, P2Day2, P2Day3...) and then summed up the total of Individual Normalized Scores to arrive at the Ranking of the candidates
3. Normalized marks of the candidate may vary from the original marks obtained.
4. In case of exceptional conditions where disruption of the examination happens due to unforeseen conditions in any center in any shift, the examination will be reconducted along with new shift for those candidates only whose examination got disrupted. If the disruption happens in the last shift, examination will be reconducted for those candidates only whose examination got disrupted and the modality of Normalization of marks of such candidates shall be decided by the Expert Committee to be constituted by the Commission. Decision of the Expert Committee is final. However, improper behaviour by any candidate will attract punishment as per rules.

PLACE: **HYDERABAD**,
DATED: **20/07/2023**.

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SECRETARY