

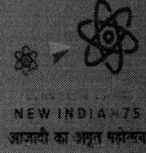


परमाणु ऊर्जा शिक्षण संस्था

(परमाणु ऊर्जा विभाग का स्वायत्त निकाय, भारत सरकार)

ATOMIC ENERGY EDUCATION SOCIETY

(An autonomous body under Department of Atomic Energy, Govt. of India)



Anushaktinagar, Mumbai, Maharashtra – 400094

Recruitment Notice No. AEES/01/2022

Date: 13/06/2023

IMPORTANT NOTICE : NORMALISATION FORMULA

The following formula for normalisation of the scores of the candidates appeared in the multi-shift CBT examination for the post of PRT against Recruitment Notice No. AEES/01/2022 is used to calculate final score of candidates in the multi-shift examinations:

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

Where:

\widehat{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.

Note : Calculation of marks is done up to 5 decimal places.

AEES, Mumbai