3.a   Combined Performance in Public and University Examinations (PUE) – 30 Marks

Assessment in respect of Public examinations will be based on cumulative percentile of students (as a fraction of the number appearing) qualifying in Public examinations (such as UPSC conducted, State Government, GATE, NET, CAT etc. list to be notified) from an institution, out of the cumulative number of successful students in that year. An effort should be made to connect with examination conducting agencies to prepare institute wise data.

Assessment in respect of University examinations will be based on the percentage of students clearing/complying with the degree requirements in the minimum graduation time. Data should be obtained from the affiliating Universities, if possible.

PUE = (PE + UE)

Here,

Public Examinations **(PE)**   =   10 Marks

University Examinations **(UE)**   =   20 Marks

For Public Examinations, we first calculate the percentile parameter **'p'** as follows:

Let f_i be the fraction of successful students from a given institution (ratio of the number of successful and the number of appearing) for examination **i**.

$f_i = 0$, if either the number of successful students or those appearing in the examination are nil.

Let t_i be the toughness parameter of examination

i. Then,

p = Fraction percentile of $\sum (1-t_i) f_i$
, where

$$t_i = \frac{\text{(Number of successful candidates in examination i)}}{\text{(Number of candidates appearing in examination i)}}$$

Cumulative data is thus weighted across different examinations according to their toughness index, which is measured by the ratio of successful candidates to the total number appearing.

PE = [10 × Cumulative percentile of students from the institution in the cumulative data of public examination]

UE = [15 × (N_1/80) + 5 × (N_2 /100) ×10]

Here,

N_1 is the percentage of Students (as a fraction of those admitted for thebatch, averaged over the previous three (3) years) graduating in minimum time.

Benchmark:

80% students should graduate in minimum time to score maximum Marks.

N_2 is the number of students appearing in the top 100 in the same affiliating University. A multiplier of 10 is included to give full Marks for 10 % students in the top 100. For more than 10%, the second term will be truncated to 5.