



Standardization of Grade points and Percentages of Affiliated Colleges and Autonomous Colleges under Dibrugarh University

Owing to the differences in course curriculum, examination process, evaluation, etc., it is not appropriate to consider the students of autonomous college(s) and other colleges affiliated to Dibrugarh University equivalently. Thus it becomes necessary to follow a standardized method. To standardize, we first compute the Z-scores for both the Affiliated Colleges and Autonomous Colleges separately as

$$Z = \frac{X - \mu}{\sigma}$$

where X is the secured score(percentage)by a particular applicant of a particular subjectwith mean percentage μ and standard deviation σ . Since the Z-score for some applicants may come out as negative, so we express the merit list in terms of a standard score.

Standard Score = Mean(Standard Population) + s. d. (Standard Population) * Z

(Ref.: Statistics for Psychology and Education, Author: H. E. Garret, Publisher: Longmans, Green & Co.)

Subject	NL (autonomous)College		D U Affiliated College	
	Mean	sd	Mean	sd
Anthropology	68.75	8.25	64.34	5.05
Assamese	67.38	8.61	59.95	5.74
Economics	72.84	6.66	62.07	6.77
Education	78.00	7.75	64.39	6.45
English	63.47	3.87	59.23	5.03
Geography	73.14	7.60	68.02	6.33
Hindi	75.22	4.31	64.88	7.50
History	69.02	8.42	60.80	6.51
Philosophy	76.15	9.82	61.10	6.12
Political Science	72.29	6.38	62.46	7.05
Chemistry	80.87	6.17	72.40	5.70
Mathematics	74.11	10.11	64.85	8.11
Physics	79.10	5.43	69.57	7.14
Statistics	87.35	0.35	70.89	6.20
Botany	79.12	8.33	71.62	6.75
Zoology	76.32	6.20	71.17	6.71

N.B: The standardization of the marks of the candidates of the affiliated colleges and autonomous college of Dibrugarh University is applicable only for the admission process of the various academic programmes of Dibrugarh University for the session 2016-2017 only.

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