

CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR, UP

M.Ed. III Semester

2022 – 23

Paper – 3rd

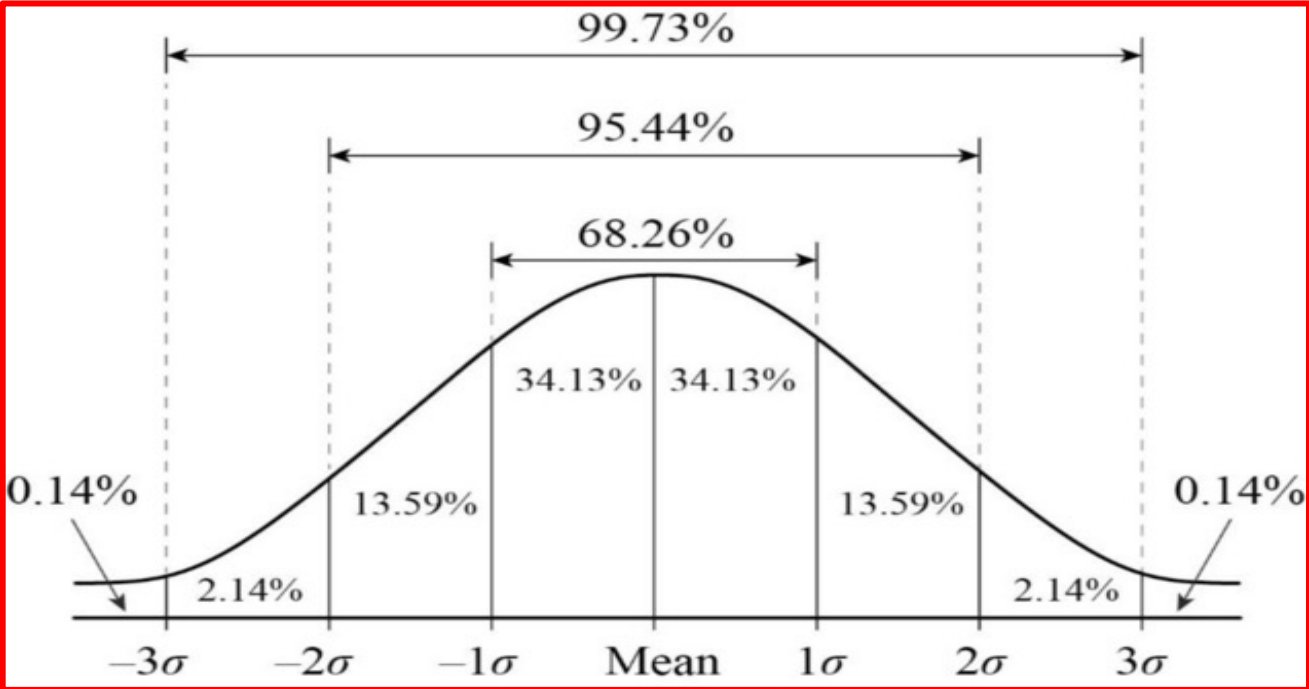
Measurement, Evaluation and Statistics in Education (MED 303)

Topic – Applications of Normal Probability Curve



Prepared & Presented by
Dr. Vimal Singh, Assistant Professor
Department of Education
CSJM, University Kanpur UP

Drawing of Normal Probability Curve



*Image Source: <https://www.chegg.com/homework-help/definitions/normal-curve-31>

Applications of Normal Probability Curve

Number of Individuals
getting Scores above or
below the given scores

Number of Individuals
getting scores within
given limits of Scores

Applications of Normal Probability Curve

Limits of Scores which include a given Percentage or Number of Individuals

Relative Difficulty Value to Test Items

Division of a Group into Sub-Groups on the basis of Ability

References

Books:

Gupta, S. P. (2011). *Modern Measurement & Evaluation*. Prayagraj: Sharda Pustak Bhavan

Best, J. &. (2011). *Research in Education*. New Delhi: PHI Learning Pvt. Ltd.

Creswell, J.W. (2017). *An Introduction to Educational Research*, London: Sage

Donald Ary, L. C. (2016). *Introduction to Research in Education*. U.K.: Wadsworth Cengage Learning

James Arthur, M. W. (2013). *Research Methods and Methodologies in Education*. London: Sage Publications

Weblinks:_

- <https://www.chegg.com/homework-help/definitions/normal-curve-31>