

শুন্ অব বিজ্ঞান
Bangladesh Open University
PGDM Program
Semester: 171 (3rd Level)

কিমঃ Introduction to Statistics

গ্ৰন্থবি তকি জমি L : ৱৱতম ২৯, ২০১৭

(GimvBbtgU -Gi DEi mgr A4 miv v KivMtr ik 9v xp ubR nt Tj Lv Avek K)

- 1| 0th tkvb msL'v ev Z_'B cwi msL'vb Z_' bq0 Avcbvi gtZi ct'y hv' w b|
- 2| c0_vgK Z_' msMh c'vZ mgr eY'v Ki ab|
- 3| tkYxexKi tYi Ges mvi YxexKi tYi cv_R' eY'v Ki ab| GKiv Dch' mvi Yxi wevfbwAstki eY'v w b|
- 4| wbtgic MYmsL'v wbtkeb t_tk (Zt_'i Rb' Bst'Rx Ask t' Lj) thwRZ Mo Ges ga'gv wnmve Ki ab| AZtci thwRZ Mo, ga'gv l c'ztKi m'uk'e'envi Kti c'ztKi gvb wY'v Ki ab|

ENGLISH VERSION

Due on: December 29, 2017

(Assignment script is to be presented in the student's own handwriting and A4 size white paper)

1. "Any digit or information is not the data of statistics" – Argue your opinion.
2. Describe the procedures of collecting primary data.
3. Explain the difference between classification and tabulation. Discuss various parts of a perfect table.
4. Calculate the arithmetic mean and the median from the frequency distribution given below. The calculate mode by using the relationship between the mean, median and mode:

Height (in cms.)	No. of Students
130-134	5
135-139	15
140-144	28
145-149	24
150-154	17
155-159	10
160-164	1

Note: Submit your assignment to the Coordinator of the Study Center you are attached with.

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শিক্ষা Introduction to Statistics

সমাপ্তি তারিখ : ২৬ জানুয়ারি, ২০১৮

(গিম্বাভাগে -Gi DEi mgr A4 মন্ব KVMtR ঝক ৭/v_xP ঝR nt 7tj Lv Avek K)

- 1| mPvj Zv Kx? cwi LvZi mrvth Kxfvte mPvj Zv cwi gvc Kiv nq?
- 2| mPK msL v KvK etj? mPK msL v wYqg Kxfvte wfwEKvj Ges Mo wbePb Ki teb?
- 3| igvix Rwi c I bglyv Rwi c Kx? Rwi c KtR wewfbachqg ,tj v Avtj vPbv Ki ab|
- 4| e'emvtqi cePgvb Ki tZ Kvj xb mwii wetkd Y wKfvte mrvth Kti | wbtgeKvj xb mwii Z_ (Zt_i Rb Bst Rx Ask t Lb) t_tK mij %wLK cEbZv tei Ki ab|

ENGLISH VERSION

Due on: January 26, 2018

(Assignment script is to be presented in the student's own handwriting and A4 size white paper)

1. What is kurtosis? How the moment is helping to determine kurtosis management?
2. What is index number? To determine the index number how selection of base period and selection average to be used, are identified?
3. What do you mean by census survey and sample survey? Define various steps to be followed for survey work.
4. How does analysis of time series contributes to business forecasting? Fit a straight line trend to the following time series data.

Year	:	1996	1997	1998	1999	2000
Sale of Sugar (in thousand by)	:	80	90	92	93	94

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