

**SARDAR PATEL UNIVERSITY**  
**Programme: BA (Psychology)**  
**Semester: V**  
**Syllabus with effect from: June 2013**

<b>Paper Code:</b> UA05CPSY15	<b>Total Credits: 3</b>
<b>Title Of Paper:</b> Application of Statistics in Psychology	

Unit	Description in detail	Weightage (%)
<b>1</b>	<b>Introduction to statistics:</b> Meaning of Statistics, Importance of Statistics in psychology, Function of Statistics, Various Terminologies of statistics	
<b>2</b>	<b>Frequency Distribution &amp; Graphical presentation:</b> Classification, types of Classification, Frequency Distribution, A describe series B continuous series class limits class Interval ci midpoint or mid value, aphs of Frequency Distribution (Histogram, Frequency polygon, Frequency curve, Cumulative Frequency)	
<b>3</b>	<b>Measures of Central Tendency:</b> Mean, Mean ungrouped Data, Mean grouped Data, Median, Median ungrouped Data, Median grouped Data, Mode , Mode ungrouped Data, Mode grouped Data, median.	
<b>4</b>	<b>Correlation:</b> Meaning of Correlation, Importance of Correlation, Types of Correlation, (positive and negative Correlation) Co efficiency of Correlation, Spearman Rank Correlation	

**Basic Text & Reference Books:**

- Guilford J.P. Fundamental statistics in Psychology and Education
- Philips H.D. An Introduction to Psychological statics,
- Garrett H.E statics in Psychological and Education
- Walker H.M. Elementary statically methods
- mniv)anma>AakDaxaSt/bl.Am.x# Anej esl.xah yinvisØ g4 inmaR boDR gjurat raJy Amdavad
- payoigk mniv)an AneAakDaxast/ Am.Amln ml lk, ga6l, w², j 08l vgee
- sl.Jmnadas pKaxn Amdavad
- Saxo6nml p^6it... Jmnadas pKaxn Amdavad

