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## First Year MHA Degree Regular/Supplementary Examinations September 2023 Paper III – Research Methodology & Biostatistics

## (Common for 2013 and 2016 Scheme)

<ul> <li>answers • Indicate th</li> <li>Answer all parts of a sin</li> <li>Ordinary calculator and</li> </ul>	Max Marks the point neatly and legibly • Do not leave any blank pages be e question number correctly for the answer in the margin spa agle question together • Leave sufficient space between answer logarithm table may be permitted to the students. ECTION B in separate Answer books (32Pages). Do not mix up A and Section B	etween ce ers
QP Code: 123380	Section A – Research Methodology	50
Essay:		(20)
Short Essay:	es of research study design with appropriate examples.	(10)
Short notes:	•	(5=20)
3. Observation as a metho	d of data collection.	
<ul><li>4. Types of data analysis.</li><li>5. Scatter diagram and spo</li><li>6. Scientific research.</li></ul>	ot map.	
QP Code: 124380	Section B – Biostatistics	50
Essay:		(20)
The incubation period of	easures of dispersion with suitable examples from healt COVID-19 in 10 patients was found to be 14, 13, 11, 15 Calculate the mean, standard deviation, and variance o	5, 10,
Short Essay:		(10)
2. What do you understand of statistical test.	by the term "null hypothesis". How do you test significa	nce
Short Notes	(4x5	5=20)
<ul><li>3. Paired t test.</li><li>4. Coefficient of correlation.</li><li>5. Standard deviation.</li><li>6. Vital statistics.</li></ul>		
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