**Guidelines for formatting your assignment.**

* Assignments must be typed in a **Microsoft Word Document** as per the following instructions:
	+ The front page should consist of the learner’s name in **CAPITAL LETTERS** along with their Roll Number, Program, Semester, Course Name and Code.
	+ **Page Size:** A-4
	+ **Margin:** 1-inch on all sides
	+ **Font:** Times New Roman
	+ **Font Size:** 12
	+ **Alignment:** Justified.
* The total page limit **shall not exceed 12 pages**.

Please ensure that completed assignments are typed and formatted as per the guidelines and the soft copies are uploaded on or before the submission cut-off date.

**NOTE: You are advised to stick to the timelines of submissions.**

**Guidelines for submitting your assignment.**

* The document size should not exceed **2 MB.**
* The assignment response document should **NOT** contain colourful images or highlighted text content.
* If the learner submitted the wrong assignment or wants to resubmit, it can be done on or before the cut-off date. **ONLY the latest uploaded file will be considered for evaluation.**
* **Content that has been directly copied from the Internet/SLM and Assignments that have been copied and shared among students will be automatically rejected and disqualified.**

**NOTE: Assignment submissions are accepted only in .pdf format which should be readable by OCR. Kindly do not upload scanned copies of assignments.**

**Things to recheck before clicking that submit button.**

* Upon successful submission of IA in LMS, you can verify using the preview tab the document submitted against each subject. In case the file submitted has been corrupted or the wrong document submitted, it will not be considered for evaluation.
* If your assignment submission file is on a pen drive, please copy the files to the system's local drive and then upload them on LMS.

**NOTE: WE DO NOT ENCOURAGE HANDWRITTEN ANSWER SHEETS. THE USE OF AI TOOLS IS HIGHLY DISCOURAGED. ANY STUDENT FOUND USING THEM WILL BE PENALIZED.**

**ASSIGNMENT**

|  |  |
| --- | --- |
| **SESSION** | **Jan-feb ’24** |
| **PROGRAM** | **MASTER OF BUSINESS ADMINISTRATION (MBA)** |
| **SEMESTER** | **1** |
| **course CODE & NAME** | **DMBA103 Statistics for Management** |
| **CREDITS**  | **04** |
| **nUMBER OF ASSIGNMENTS & Marks** | **02****30 MARKS EACH** |

***Note:*** *Answer all questions. Kindly note that answers for 10 marks questions should be approximately 400 - 450 words. Each question is followed by an evaluation scheme.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Q.No** | **Assignment Set – 1****Questions** | **Marks** | **Total Marks** |
|  | Discuss Binomial Distribution. What are the assumptions under which binomial distribution is applied? Give examples | **5+5** | **10** |
|  | Discuss meaning, definition, functions and requisites for classification. | **2.5+2.5+2.5+2.5** | **10** |
|  | A clerk calculated arithmetic mean of 50 values as 39.2. However, it was found that instead of taking two values as 25 and 32, he took them as 52 and 23. Find the corrected arithmetic mean. | **10** | **10** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Q.No** | **Assignment Set – 2****Questions** | **Marks** | **Total Marks** |
|  | What is sampling? Explain the importance in solving business problems. Critically examine the well-known methods of probability sampling and non-probability sampling | **2+2+3+3** | **10** |
|  | What do you mean by index number? Explain the characteristics and uses of index numbers in detail. | **5+5** | **10** |
|  | In a singing competition, two judges assigned the ranks for seven candidates which is depicted in table given below. Find Spearman’s rank correlation coefficient.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Competitor** | 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| **Judge I**  | 5  | 6  | 4  | 3  | 2  | 7  | 1  |
| **Judge II**  | 6  | 4  | 5  | 1  | 2  | 7  | 3  |

 |  | **10** |