

BACHELOR OF ARTS (GENERAL)

CORE COURSE

ASSIGNMENT

JULY 2021 - JANUARY 2022

**BPCC134: STATISTICAL METHODS AND
PSYCHOLOGICAL RESERACH**

SCHOOL OF SOCIAL SCIENCES (SOSS)

INDIRA GANDHI NATIONAL OPEN UNIVERSITY

MAIDAN GARHI, NEW DELHI - 110068

Dear Learner,

As we have informed you in the Programme Guide, evaluation at IGNOU consists of two parts: i) continuous evaluation through assignments, and ii) term-end examination. In the final result, assignments of a Course will carry 30% weightage while 70% weightage is given for term-end examination (total 100 marks).

BPCC 134 is a 6credits course (4 credits theory + 2 credits practical). BPCC134 has two assignments.

Assignment One has Descriptive Category Questions (DCQs). These are meant for writing essay type answers, with an introduction and a conclusion. These are intended to test your ability to describe your understanding/knowledge about the topic in a systematic, to-the-point and coherent manner.

Assignment Two has Short Category Questions (SCQs). These questions are meant to improve your skill of recall in brief the relevant/precise information about persons, writing, events, or clear understanding of concepts and processes.

Before you attempt the assignments, please read the instructions carefully provided in the Programme Guide. It is important that you write the answers to all the TMA questions in **your own words**. Your answers should be according to the word-limit set for a particular section. Remember, writing answers to assignment questions will improve your writing skill and sharpen your understanding of the concepts. It will also help you prepare for the term-end examination.

Submission

Session	Last Date of Submission*	To be Sent
For July 2021	30 th April 2022	To The Coordinator of the Study Centre allotted to you
For January 2022	31 st October 2022 (Please check the dates from www.ignou.ac.in)	

* You need to submit the assignments within the stipulated time for being eligible to appear in the term-end examination.

Please obtain a receipt from the study centre for the assignments submitted and retain it. Also keep a photocopy of the assignments with you. The Study Centre will return the assignments to you after they are evaluated. The completed assignment should be sent **only** to the Coordinator of the Study Centre allotted to you.

Following instructions are to be carefully followed before writing the assignments:

1. You will find it useful to keep the following points in mind:
 - i. **Planning:** Read the assignments carefully. Go through the Units on which they are based. Make some points regarding each question and then re-arrange these in a logical order.
 - ii. **Organisation:** Read the study material carefully, analyse it, and then prepare a rough outline of your answer. Give adequate attention to your introduction and conclusion. Make sure that your answer:
 - a) is logical and coherent;
 - b) has clear connections between sentences and paragraphs;
 - c) is written correctly giving adequate consideration to your expression, style and presentation
 - iii. **Presentation:** Once you are satisfied with your answers, you can write down the final version for submission. Write each answer neatly with proper spacing, and underline the points you wish to emphasise. Make sure that the answer is around the suggested word limit.
2. Use A4 size ruled paper for your response and tie all the pages carefully. Allow a four cm margin on the left and leave some space between each answer. This will facilitate the evaluator to write useful comments in the margin at appropriate places.
3. **Answers should be in your own handwriting.** Do not print or type the answers. Do not copy your answers from the study material sent to you by the University or from other learners. If you copy, you will get zero marks for the respective question.
4. You need to attach a copy of the TMA with the completed assignment before submitting it.
5. In case you have requested for a change of Study Centre, you should submit your Tutor Marked Assignments only to the original Study Centre until the change of Study Centre is notified by the University.
6. If you find that there is any factual error in evaluation of your assignments, e.g., any portion of assignment response has not been evaluated or total of score recorded on assignment response is incorrect, you should approach the coordinator of your study centre for correction and transmission of correct score to headquarters.

Wish you all the best!

STATISTICAL METHODS AND PSYCHOLOGICAL RESEARCH (BPCC 134)

Tutor Marked Assignments (TMA)

Course Code: BPCC134

Assignment Code: Asst /TMA /2021- 22

Total Marks: 70

NOTE: All assignments are compulsory.

Instructions:

1. Have a title page. Include details like Name, Enrolment number, Email id, Regional Centre, Study Centre, Programme Title and code, Course title and code.
2. Use A4 size paper for the tutorial (ruled/ bank).
3. For making tables, blank pages can be used and tables/ graphs (if any) to be drawn in pencil.
4. Content should not be plagiarised.

Assignment One

Answer the following questions in about 500 words each (wherever applicable). Each question carries 20 marks.

2 x 20 = 40

1. Explain the concept of sampling and discuss various sampling techniques.
2. What is nonlinear correlation? Compute Spearman's rho for the following data:

Individuals	A	B	C	D	E	F	G	H	I	J
Scores on Variable 1	31	34	32	23	23	21	23	43	32	12
Scores on Variable 2	54	31	21	16	33	23	23	23	23	21

Assignment Two

Answer the following questions in about 100 words each (wherever applicable). Each question carries 5 marks.

$$6 \times 5 = 30$$

3. Discuss the methods of qualitative research.
4. Describe interview as a method of data collection.
5. Describe frequency polygon with the help of a diagram.
6. Compute mean, mediana and mode for the following data

65	22	34	45	43	45	43	45	43	65
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7. Compute standard deviation for the following data.

43	23	12	22	23	32	45	37	21	23
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8. Explain the concept and nature of normal probability distribution with help of suitable diagram.