**ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD**

**(Department of Educational Planning, Policy Studies & Leadership)**

**WARNING**

1. **PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.**
2. **SUBMITTING ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE’S OWN WILL BE PENALIZED AS DEFINED IN “AIOU PLAGIARISM POLICY”.**

**Course: Educational Research and Statistics-I (6569) Semester: Spring, 2025**

**Level: MA-EPM**

## **Please read the following instructions for writing your assignments. (AD, BS, B. Ed, MA/MSc, MEd) (ODL Mode).**

1. All questions are compulsory and carry equal marks but within a question the marks are distributed according to its requirements.

2. Read the question carefully and then answer it according to the requirements of the questions.

3. Avoid irrelevant discussion/information and reproducing from books, study guide or allied material.

4. Handwritten scanned assignments are not acceptable.

5. Upload your typed (in Word or PDF format) assignments on or before the due date.

6. Your own analysis and synthesis will be appreciated.

7. Late assignments can’t be uploaded at LMS.

8. The students who attempt their assignments in Urdu/Arabic may upload a scanned copy of their handwritten assignments (in PDF format) on University LMS. The size of the file should not exceed 5MB.

## **Total Marks: 100 Pass Marks: 40**

**ASSIGNMENT No. 1**

**(Units 1-4)**

***Note: All questions carry equal marks.***

Q. 1 What are the characteristics of scientific research? How do researchers formulate hypotheses and design experiments effectively? **(20)**

Q. 2 What are the key methods and sources used in historical research to uncover and interpret past events accurately? **(20)**

Q. 3 Explain different designs of experimental research, along with their advantages and limitations. **(20)**

Q. 4 What are the various types of surveys and how are they employed in descriptive research design? **(20)**

Q. 5 Distinguish between a case study and a correlational study and discuss their respective roles in research. **(20)**

**Total Marks: 100 Pass Marks: 40**

**ASSIGNMENT No. 2**

**(Units: 5–9)**

Q. 1 What steps do educational planners follow when planning research, and why are these steps important? **(20)**

Q. 2 Describe the different tools used to collect data for quantitative research, and how they vary from one another in terms of gathering information. **(20)**

Q. 3 Discuss sampling techniques in research, and how do researchers choose the appropriate techniques for their study? **(20)**

Q.4 Describe what is a research proposal, and what are the essential elements included in a successful proposal? **(20)**

Q.5 Discuss the guidelines that should be followed when writing a research report, and why is it important to adhere to these guidelines. **(20)**