

# MIZORAM PUBLIC SERVICE COMMISSION

## LIMITED DEPARTMENTAL EXAMINATION FOR PROMOTION TO JR. GRADE OF MIZORAM PLANNING, ECONOMIC & STATISTICAL SERVICE (MPE&SS) UNDER GOVERNMENT OF MIZORAM. SEPTEMBER-2024

### PAPER - II

Time Allowed : 3 hours

FM : 100 PM : 40

*Attempt any 10 (Ten) questions each question carry equal marks of 10 each.*

1. Give a definition of Statistics and enumerate its main drawbacks. Discuss the importance and scope of statistics.
2. Describe the distinctions between primary and secondary data, as well as the different sources of each type.
3. Describe the different methods of collecting Primary data indicating the merits and demerits of each of them.
4. What's your understanding of a measure of central tendency, and what characteristics do you think make one effective? Could you also mention some common measures of central tendency used in business and industry? Additionally, elaborate the relationship among mean, median and mode.
5. Explain the concept of statistical regression and differentiate it from the concept of correlation.
6. Define index numbers. Explain the uses of index numbers for analysis data.
7. Discuss various issues that arise in connection with the construction of an index numbers.
8. What is a time series, and what purpose is served by time series analysis? Additionally, briefly describe the components of a time series.
9. Explain the concept of sampling methods and identify its primary objective. Additionally, can you delve into the distinctions between probability and non-probability sampling techniques?
10. Discuss the principal steps involve in a sample survey.
11. Explain the benefits of using graphical data representation.
12. Discuss the role of National Sample Survey in a sample surveys.
13. What makes tabulation crucial in a research study, and could you outline the features of a well-constructed table?
14. What are the key provisions outlined in the Registration of Births and Deaths Act of 1969, and could you elaborate on the births and deaths registration system for gathering vital statistics?
15. What role does the Central Statistical Office (CSO) play, including its major functions? Additionally, could you elaborate on the relationship between CSO and NSSO?

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