

प्रदेश लोक सेवा आयोग , मधेश प्रदेश
स्वास्थ्य सेवा, मेडिकल रेकर्डस समूह, पाचौ तहको खुला तथा अन्तर सेवा प्रतियोगितात्मक लिखित परीक्षाको
पाठ्यक्रम

पाठ्यक्रमको रूपरेखा :- यस पाठ्यक्रमको आधारमा निम्नानुसार दुई चरणमा परीक्षा लिइने छ :
प्रथम चरण :- लिखित परीक्षा पूर्णाङ्क :- १००
द्वितीय चरण :- अर्न्तवार्ता पूर्णाङ्क :- २०

पथम चरण – लिखित परीक्षा योजना (Examination Scheme)

विषय	पूर्णाङ्क	उत्तीर्णाङ्क	परीक्षा प्रणाली	प्रश्न सख्या	समय
सेवा सम्बन्धी	१००	४०	वस्तुगत बहुउत्तर (Multiple Choice)	५०x२ = १००	४५ मिनेट

द्वितीय चरण

विषय	पूर्णाङ्क	परीक्षा प्रणाली
व्यक्तिगत अर्न्तवार्ता	२०	मौखिक

- लिखित परीक्षाको माध्यम भाषा अंग्रेजी वा नेपाली अथवा अंग्रेजी र नेपाली दुवै हुन सक्नेछ।
- पाठ्यक्रमको एकाईहरूबाट सोधिने प्रश्नसख्या निम्नानुसार हुनेछ:-

पाठ्यक्रमको एकाई	1	2	3	4	5	6	7	8	9	10	11	12	13
प्रश्न सख्या	3	3	3	4	4	4	5	5	4	4	5	3	3

- वस्तुगत बहुउत्तर (Multiple Choice) प्रश्नहरूको उत्तर सही दिएमा प्रत्येक सही उत्तर बापत २ (दइ) अङ्क प्रदान गरिनेछ भने गलत उत्तर दिएमा प्रत्येक गलत उत्तर बापत २० प्रतिशत अर्थात ०.४ अङ्क कट्टा गरिनेछ । तर उत्तर नदिएमा त्यस बापत अङ्क दिइने छैन र अङ्क कट्टा पनि गरिने छैन ।
- यस पाठ्यक्रममा जेसुकै लेखिएको भएता पनि पाठ्यक्रममा परेको ऐन, नियमहरू परीक्षाको मिति भन्दा ३ (तीन) महिना अगाडि (संशोधन भएका वा संशोधन भइ हटाइएको वा थप गरी संशोधन भइ) कायम रहेकालाई यस पाठ्यक्रममा रहको सम्झनु पर्दछ ।
- लिखित परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र अर्न्तवार्तामा सम्मिलित गराइनेछ ।
- पाठ्यक्रम लागु मिति :- २०७९।०६।२७ गते देखि ।

- 1. Introduction to Statistics**
 - 1.1 Origin and various definitions of statistics
 - 1.2 Historical background of statistics
 - 1.3 Importance and limitation of statistics
- 2. Collection of Data**
 - 2.1 Source of data collection
 - 2.2 Choice between primary and secondary data
 - 2.3 Methods of collection primary and secondary data
- 3. Classification and Tabulation of Data**
 - 3.1 Meaning objectives and types of classification
 - 3.2 Statistical tables (Individual, discrete and continuous)
- 4. Presentation of Data**
 - 4.1 Graphical presentation of data
 - 4.2 Diagrammatic presentation of data
 - 4.3 Choice between graphical and diagrammatic presentation of data
 - 4.4 Limitations of Diagrams and Graphs
- 5. Measure of Center Value**
 - 5.1 Introduction
 - 5.2 Types of average (mean, median, mode) with their properties: merits and demerits
 - 5.3 Applications and limitation of average
- 6. Measure of Dispersion**
 - 6.1 Introduction
 - 6.2 Types of dispersion tools with their merits & demerits
 - 6.3 Coefficient of variation
 - 6.4 Application, use and limitation of dispersion tools
- 7. Sampling Survey and Census**
 - 7.1 Introduction (sample, sampling and Sample size)
 - 7.2 Principal steps in a Sample survey)
 - 7.3 Types of Sampling (simple random sampling, stratified sampling, systemic sampling, cluster sampling, multistage sampling)
 - 7.4 Limitations of sampling
 - 7.5 Merits & demerits between sampling survey and census
- 8. Vital Statistics**
 - 8.1 Introduction
 - 8.2 Use and methods of obtaining vital statistics
 - 8.3 Measure of fertility
 - 8.4 Measure o mortality
 - 8.5 Reproduction rates (GRR, VRR)
- 9. Set Theory and Real Number System**
 - 9.1 Introduction and various examples of sets
 - 9.2 Notations and use of set theory
 - 9.3 Various types of sets

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- 9.4 Numbers: Real – natural, whole, integers, rational, irrational etc
- 10. Matrix and Determinants**
 - 10.1 Matrix: Introduction, addition, subtraction, multiplication of matrix
 - 10.2 Ad joint, inverse of matrix and their uses
 - 10.3 Determinants: Introduction, diagonals and their use to find the numerical values of a determinant
 - 10.4 Properties of matrix and determinants
- 11. Hospital Management**
 - 11.1 Introduction and types of hospitals in Nepal, section in a hospital, services given by a general hospital (or function of hospitals)
 - 11.2 Present HMG recording and reporting system in a hospital
 - 11.3 Meaning and importance of Health Management Information System (HIMS)
 - 11.4 Hospital defined indicators used by Ministry of Health & Population
 - 11.5 Hospital based HMIS tools
 - 11.6 Legal aspect of medical records
 - 11.7 Use and importance of medical records
 - 11.8 Confidentiality & safety of patient information
- 12. Utility of Data Information**
 - 12.1 Use of data/information in various areas i.e. planning, monitoring, evaluation, supervision and feedback system
 - 12.2 Present PME cycle of health service under Ministry of Health & Population
- 13. Policies, Laws and Regulations**
 - 13.1 Nepal Health Sector Programme
 - 13.2 Nepal Health Service Act, 2053 and Regulation, 2055
 - 13.3 Nepal Statistics Act, 2015
 - 13.4 Evidence Act, 203
 - 13.5 Provision for Health in Province Civil Service Act, 2077 and Regulation, 2079
 - 13.6 Provision for Health in Constitution of Nepal, 2072