# Paper No. 1: Basic Study (Foundation Course)

## 1. Basic understanding of the implementation of health services

    a. Method/Methodology of implementation of primary, secondary, and tertiary level health services.

    b. Community Partnership in Primary Health Care.

    c. Health systems in developing countries.

    d. Private department.

    e. National Health Mission (National Health Program and Schemes).

    f. National Health Policies and Various Health Days.

## 2. Aims, Objectives, Action Plan, and Target Achievements of National Health Program.

## 3. Basic Information about *Āyush* method

    a. Basic Information about *Āyurveda*.

    b. Basic Information about *Yoga* and Naturopathy.

    c. Basic Information about *Yunāni*.

    d. Basic Information about *Siddhā*.

    e. Basic Information about Homeopathy.

    f. The need of assimilating various methods.

## 4. Overview of Contemporary Health Sector in India.

## 5. Important Information Regarding Population

    a. Population census.

    b. Important life-events and its impact on population.

    c. Collection and Importance of information related to population.

    d. Population census and its impacts on health policy.

    e. The science of school of disease.

    f. The principles of the science of school of disease.

    g. Natural History of Diseases.

    h. Details of the study of the school of disease.

i. The science of contagious and non-contagious diseases – Spread of diseases – Immune System – Cold-chain vaccination agent – Disease prevention survey.

**6.** Various words and terminologies used in medical language –Study of basic, detailed information about origin (of diseases) – The study and interpretation of the order and report of medical science.

**7. Primary information and knowledge about computer and information science. In order to provide students basic knowledge about computer technology,the following topics have been included:**

**1. Introduction to Computer**

    a. Characteristics of computer.
    b. Block diagrams.
    c. Generations of computer.
    d. Computer Languages.

**2. Input – Output Device**

    a. Input devices: Key-board – Paint and Draw devices – Date scanning devices – Digitized Electronic Card Reader –Voice Resign/Recognition device –Vision input device.
    b. Output devices: Monitor – Pointer – Platters – Screen Image Projector – Voice Response System

**3. Processor and Memory** – Central Processing Unit (C.P.U.) – Main memory.

**4. Collection Instruments** –Subsequent and Direct Use devices – Magnetic tape – Magnetic disc – Optical disc – Collective collection instruments.

**5. Understanding Windows**

History – Features – Desktop – Taskbar – Desktop Icons – Working with Folders – Creating Shortcut – Operating Windows (Starting – Shut Down – Moving – Size modification – Increasing and Decreasing, etc.).

**6.** Introduction to M.S. Word.

7. Introduction to Excel.

8. Introduction to PowerPoint.

9. Understanding Operating System.

10. Computer Networks.

11. Internet and its uses/functions.

12. Use of Engineering in Clinical Settings.