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9. Data analysis through computer application method : Different procedures of data analysis — frequencies — percentages, proportions — ratio — graphic representation of data graphs — bar charts — histograms — frequency polygons — pie diagrams etc.
- measures of central tendency — measures of dispersion — standard deviation — variance — measures of dispersion — standard deviation — variance — measures of variability — correlation — contingency — chi square, T test, Z test.
10. Reporting Research — significance — planning the presentation of the research project — step involved in writing the research project — considerations for writing research project.

Paper IX

Health Management

1. Modern Concepts of health management — primary health care.
2. Concept of multiple causation of disease — microbes and different aspects of an effective process — their role in causation, transmission and prevention.

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3. Defence mechanisms of the body — concepts of immunity and various forms of immunity.
4. Causes, symptoms, diagnosis, treatment and prevention of communicative diseases : diarrhoea, hepatitis, TB, malaria, leprosy, AIDS etc. Non-communicative diseases : cardiovascular, diabetes, cancer, accident, mental disorder, etc.
5. Reproductive health and hygiene — family welfare planning programme.
6. Mother and child health — prenatal, natal, postnatal stages — Care of new-born and child.
7. Nutrition and balanced diet — therapeutic nutrition — nutrition requirements for different groups of people — infants, pre-school children, expectant and nursing mothers — senior citizens.
8. Health statistics — morbidity, mortality trend in India and their socio economic implications — social and public health approaches.
9. National Health Programmes of the Government of India.
10. Health administration of India.