

कार्यक्रम संयोजक (अधिकृतस्तर छैठौं) का लिखित परीक्षाको विषयवस्तुहरु

1 Health and Public Health

- 1.1. Meaning of health and disease, Factors that influence health, concept of health and disease, Dimension of disease, Measurement of health, disease and well being
- 1.2 Public health concept, Historical development and changing concept

2 Health Planning and Management

- 2.1 Approaches, models, methods and practices
- 2.2 Need assessment, planning cycle, Planning, monitoring and evaluation
- 2.3 Strategic and operational planning
- 2.4 Inventory management
- 2.5 Drug management
- 2.6 Financial management
- 2.7 Health economics, Health care financing: Basic concepts and economic evaluation of health care services
- 2.8 Health care need assessment
- 2.9 Decentralization in health management
- 2.10 Quality assurance in health care

3 General Epidemiology

- 3.1 Definition, concepts, approaches, aims, and use of epidemiology
- 3.2 Epidemiological methods, Incidence, Prevalence, association and causation, disease prevention and control
- 3.3 Epidemiology of communicable and non communicable diseases
- 3.4 Dynamics of disease transmission
- 3.5 Investigation of an epidemics
- 3.6 Screening of diseases
- 3.7 Health indicators

4 Health Statistics

- 4.1 Sources of health information, Health information system
- 4.2 Tabulation, graphic and diagrammatic presentation of data
- 4.3 Statistical methods; Measures of central tendency, Measures of variability
- 4.4 Sampling size, Sampling survey and test of significance, correlation and regression

5. Demography

- 5.1 Population trends-world and national
- 5.2 Measures of population dynamics
- 5.3 Factors affecting fertility, mortality and migration
- 5.4 Urbanization, Life expectation

6 Applied Epidemiology and Disease Control

- 6.1 Epidemiology, Prevention and control of communicable diseases including: Measles, Diphtheria, Whooping cough, Acute respiratory tract infection, Rubella, Mumps, Influenza, Tuberculosis, Viral hepatitis, Food poisoning, Typhoid fever, Intestinal worms, Acute diarrhoeal diseases, Filaria, Leishmaniasis, Malaria, Japanese encephalitis, Rabies, Tetanus, Trachoma, Leprosy, STD and HIV/AIDS
- 6.2 Prevention and control of non-communicable diseases
- 6.3 Concept of Control, elimination and eradication of diseases

7 Food and Nutrition

- 7.1 Nutritional profiles
- 7.2 Nutritional problems
- 7.3 Assessment of nutritional status
- 7.4 Food toxication, additives and fortification;

8 Environmental Health

- 8.1 Management and control of basic and fundamental factors; Water, Air, Lighting, Noise, Housing
- 8.2 Solid waste disposal and control
- 8.3 Excreta disposal and control
- 8.4 Medical entomology-Mosquito, housefly, sand fly, lice, fleas, bugs etc. control
- 8.5 Insecticides safe use and resistance
- 8.6 Rodents control

9 Occupational Health

- 9.1 Occupational environment and safety
- 9.2 Occupational hazards
- 9.3 Management and prevention of occupational hazards
- 9.4 Measures for general health protection of workers

10 Health Education and Health Promotion

- 10.1 Concept, Objectives and principles and their importance
- 10.2 Methods of health education
- 10.3 Health education medias and production
- 10.4 Behavior change communication (BCC)
- 10.5 Community organization and participation
- 10.6 Communication and information: concepts and importance
- 10.7 School health program: concepts, areas and importance

11 Primary Health Care (PHC), Essential Health Care Services (EHCS) and Millennium Development Goals (MDGs)

- 11.1 Concept, Components, Status and Prospects

12 International Health

- 12.1 External development partners and their priorities
- 12.2 UN agencies: WHO, UNICEF, UNDP, UNFPA, UNAIDS and World Bank
- 12.3 Bilateral agencies working in Nepal: USAID, JICA, GTZ, DFID, SDC, CIDA, AUSAID, NORAD, FINIDA, KOIKA