

The West Bengal University of Health Sciences
MD (Community Medicine) July - August, 2021 Examination

Paper: I

Full Marks: 100
Time: 3 Hours*Attempt all questions*

1. Health is multidimensional. Critically comment on this statement. Give a brief account of the changing concepts of health. 5+5
2. What is social medicine and social therapy. Explain with suitable examples. 10
3. What is sampling ? What are the different types of sampling technique ? Describe any two methods with suitable examples. 2+2+6
4. Critically analyze the present tuberculosis scenario in India. 10
5. Discuss 'Life style' as aetiology of diseases and suggest suitable preventive measures. 4+6
6. How do you plan and organize containment zone to prevent the spread of covid-19. 5+5
7. Write short note on: 5+5
 - a) Standardized mortality rates.
 - b) Vocational rehabilitation.
8. What are the epidemiological tools to measure the leprosy in India. How can you prevent Leprosy. 5+5
9. Discuss health impact of Global warming. 10
10. What is Acculturation? Discuss its advantages and limitations. 2+4+4

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Paper: II

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. What is nutritional surveillance ? Describe briefly various methods used for nutritional surveillance. 2+8
2. Define reproductive and child health approach. Explain the reproductive, maternal, newborn, child and adolescent health (RMNCH+A) strategy in india. 2+8
3. Discuss the social pathology of maternal mortality in your state. 10
4. Distinguish between data and information. Describe the importance and usefulness of management information system in health. 2+4+4
5. What is meant by health economics ? Explain the cost minimization and cost utility analysis with suitable examples. 4+3+3
6. What is SWOT analysis ? Make a SWOT analysis of rogi kalyan samiti (RKS) in hospital administration. 10
7. Write short note on : 5+5
 - a) Supplementary Nutrition
 - b) Therapeutic Nutrition
8. Write the name advantages and disadvantages of injectable contraceptives. 10
9. How migration leading to vulnerability ? Write an overview of National Urban health Mission. 10
10. Adolescent counseling is the most sensitive one and to be conducted in a very special way- Discuss with examples. 5+5

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Paper: III

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. Define stress. What are the different sources of stress in workplace ? Discuss different methods of stress management. 2+2+6
2. Define disaster. What are medico-administrative problems while managing disasters and emergencies ? 2+8
3. Write the epidemiology and control measures of bird flu. 10
4. Write short notes no: 5+5
 - a) Indian judicial system
 - b) Ethical issues in Bio banking
5. Write short notes no: 5+5
 - a) Performance Appraisal (PA)
 - b) Transactional Analysis (TA)
6. Discuss various social security measures that are available to the working population in India. 10
7. Discuss the important role of CTRI. 10
8. Write short notes on: 5+5
 - a) Indian red cross society
 - b) CARE
9. Discuss different types of Plagiarism in research. 10
10. Web- based surveillance systems have evolved to compliment traditional national surveillance system – Discuss. 10

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Paper: IV

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. What do you mean by Human Development Index (HDI) ? Explain in full with appropriate informations. 3+7
2. What do you mean by financing of Health care ? What are the sources of financing Health care ? How community resources could strengthen the financing of health care in your state? 3+2+5
3. Write short notes on: 5+5
 - a) Control of Hospital infections
 - b) Referral Linkages
4. Many evaluations are done in health programmes. But only a few of them results in actions. What do you think are the main reasons ? What do you suggest to remedy the situation ? 4+6
5. Write short notes on: 5+5
 - a) Roles of Indian Medical graduate.
 - b) Problem Based Learning.
6. Discuss telemedicine in details with special reference to covid-19 infection. How telemedicine helped to manage the grave situation in pandemic covid-19. 10
7. Discuss on health manpower development in a primary health centre. 10
8. Write short notes on: 5+5
 - a) Cancer registry.
 - b) Qualitative research design.
9. How will you critically appraise of an article published in an indexed journal? 10
10. Describe the occupational health hazards due to physical agents and their prevention. 10