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JNUEE: Question Papers (2010-2012) Rs.10/-

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ENTRANCE EXAMINATION, 2012

M.Phil./Ph.D. & MPH/Ph.D.

SOCIAL MEDICINE AND COMMUNITY HEALTH

[Field of Study Code : CSMP (144)/MPHP (145)]

Time Allowed : 3 hours

Maximum Marks : 70

Note : This paper has *two* Parts. **Part—A** is to be answered by candidates (**Social Scientists**) opting for M.Phil./Ph.D. and **Part—B** is to be answered by candidates (**Physicians and Nurses**) opting for MPH/Ph.D.

PART—A

(For Social Scientists only)

[Field of Study Code : CSMP (144)]

Answer any **four** questions

All questions carry equal marks, i.e., 17.5 marks each

1. Name any **three** Flagship Welfare Programmes initiated by the Central Government. Discuss in detail the features of any **one** of these programmes.
2. Why does India fare poorly on social indicators despite sustained high economic growth in recent times?
3. Discuss the factors responsible for migration to urban areas and its implication for health of the migrants.
4. Discuss the relationship between climate change and health. What are the major concerns arising out of this for India?
5. Discuss the relevance of quantitative and qualitative methods for public health research. Illustrate your answer with suitable examples.

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Q. 6. Write short notes on any *two* of the following :

- (a) Stratified sampling technique
- (b) Ethnomedicine
- (c) Social inequality
- (d) Undernutrition among children

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PART—B

(For Physicians and Nurses only)

[Field of Study Code : MPHP (145)]

Answer Question Nos. 1 and 6 which are compulsory. Of the remaining four (2-5), answer any **two** questions

All questions carry equal marks, i.e., 17.5 marks each

1. What are the major nutritional problems in India? Discuss in detail the determinants of any **one** of these problems.
2. Discuss the spectrum of non-communicable diseases in the Indian context. Outline the principles of a public health approach to control of any **one** of these diseases.
3. Describe the steps of outbreak investigation and management of an outbreak of waterborne disease.
4. What is Primary Health Care? Discuss how the National Rural Health Mission (NRHM) addresses its basic tenets.
5. Discuss different forms of community participation adopted in public health services.
6. Write short notes on any *three* of the following :
 - (a) Principles underlying preventive geriatrics
 - (b) Emergency contraception
 - (c) 30-cluster technique
 - (d) Expenditure on health
 - (e) Randomised Control Trial
 - (f) Linkages among poverty, inequality and health

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ENTRANCE EXAMINATION, 2011

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PART—A

(For Social Scientists only)

[Field of Study Code : CSMP (144)]

Answer any four questions

All questions carry equal marks, i.e., 17.5 marks each

1. Discuss the recent salient trends in the organisation of rural health services in the country.
2. Discuss the factors influencing the utilisation of immunisation services in an urban slum. Evolve a suitable research design to study the problem.
3. Discuss the major factors influencing women's health in India.
4. Write an essay on issues related to farmers' suicides.
5. Discuss any two of the following research techniques and their application to public health :
 - (a) Focus group discussion
 - (b) Case study
 - (c) In-depth interview

6. Write short notes on any *two* of the following :

- (a) Motivation and health
- (b) Caste and class
- (c) Minimum Needs Programme (MNP)
- (d) Civil society and health

PART—B

(For Physicians and Nurses only)

[Field of Study Code : MPHP (145)]

Answer Question Nos. 1 and 6 which are compulsory. Of the remaining four (2-5), answer any **two** questions

All questions carry equal marks, i.e., 17.5 marks each

1. Discuss the National Rural Health Mission. What difference has it made to India's Public Health System?
2. What is the Child Sex Ratio (CSR) in India? Discuss the reasons for the masculinisation of the CSR and the Sex Ratio at Birth (SRB).
3. Discuss the advantages and disadvantages of the Revised National Tuberculosis Control Programme (RNTCP) over the National Tuberculosis Programme (NTP).
4. Critically analyse the Pulse Polio Campaign.
5. What are Public-Private Partnerships (PPPs)? Discuss one PPP project in healthcare in India.
6. Write short notes on any *three* of the following :
 - (a) Stem cell research
 - (b) HPV vaccine
 - (c) Food security bill
 - (d) DALYs
 - (e) Severe acute malnutrition in children

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ENTRANCE EXAMINATION, 2010

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PART—A

(For Social Scientists only)

[Field of Study Code : CSMP (144)]

Answer any four questions

All questions carry equal marks, i.e., 17.5 marks each

1. What are the key features of the National Rural Employment Generation Act? Discuss its strengths and limitations.
2. Discuss the socio-economic differentials in health. Evolve a research design to examine these differentials.
3. What are the major socio-economic determinants of undernutrition among children in India?
4. Discuss the role of media in influencing health behaviour. Illustrate with specific examples.
5. Discuss the debate on Global Warming with reference to the Copenhagen Conference on climate change.
6. Write short notes on (any two) :
 - (a) Health status of Scheduled Tribes in India
 - (b) Millennium Development Goals
 - (c) National Rural Health Mission
 - (d) Attitude scales
 - (e) Sampling techniques

PART—B

(For Physicians and Nurses only)

[Field of Study Code : MPHP (145)]

Answer Question Nos. 1 and 2 which are compulsory. Of the remaining four (3-6), answer any two

All questions carry equal marks, i.e., 17.5 marks each

- 1. What are the determinants of risk in pregnancy and child birth? To what extent would the Janani Suraksha Yojana (JSY) contribute to safe motherhood?**
- 2. Write short notes on any three of the following :**
 - (a) Differences between crude, specific and adjusted rates**
 - (b) Millennium Development Goals (MDGs) related to health**
 - (c) Any two methods of classifying Protein Energy Malnutrition (PEM) in children**
 - (d) Post-exposure Prophylaxis (PEP) for HIV exposures**
 - (e) Rashtriya Swasthya Bima Yojana (RSBY)**
 - (f) Strategies for preventing silicosis**
 - (g) Strategies for integrating AYUSH within the health care services**
- 3. What is primary health care? Discuss its elements. Analyse the successes and failures of this approach.**
- 4. What is Recommended Daily Allowance (RDA)? Discuss with examples its applications and limitations.**
- 5. Discuss the different approaches for control of communicable diseases.**
- 6. Discuss the formulation of a cancer prevention programme in your State.**
