



RAN-2106121601010001

M. D. (Doctor of Medicine) Examination June - 2023
Community Medicine (PSM) : Paper - I
SET - I

Time: 3 Hours]

[Total Marks: 100

સૂચનાત : / Instructions

- (1) નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M. D. (Doctor of Medicine)

Name of the Subject :

Community Medicine (PSM) : Paper - 1 : SET - I

Subject Code No.: 2106121601010001

Seat No.:

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Student's Signature

- (2) All questions are compulsory. Simple calculator and statistical tables are allowed. Rough work must be done on the answer sheet only.

Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non- Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Bio-statistics.

- Q. 1. Describe the importance of National Family Health Survey. Describe in detail the key indicators and trends of National Family Health Survey-5 Gujarat. (15 + 10)
- Q. 2. Describe in detail how Covid-19 pandemic has impacted measles elimination efforts. Prepare a micro plan for improve measles vaccination. (15 + 10)
- Q. 3. a. Rationale of shift from control to elimination Goal in TB program. (13)
- b. How does Integrated Health Information Platform differs from Integrated Disease Surveillance Project? Describe in detail. (12)

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[P.T.O.] P1652

(5 × 5 = 25)

Q. 4. Write short notes on the following:

- (a) Medical Certificate of Cause of Death.
- (b) Sample size estimation for descriptive study.
- (c) Bias in Case-control study.
- (d) Validity of Diagnostic Methods.
- (e) Operational Research for utilization of RHTC Services.



Subject Code No. 1100110010001

Community Medicine (PBM) - Paper - I - SET - I

Name of the Candidate

Name of the Doctor of Medicine

Name of the Institution

Write the details of the signs of your answer book

All questions are compulsory. Single calculator and statistical tables are allowed. Rough work must be done on the answer sheet only.

Q. 1. Describe the importance of National Family Health Survey. Describe in detail the key indicators and needs of National Family Health Survey. (15 = 10)

Q. 2. Describe in detail how Covid-19 pandemic has impacted measles elimination efforts. Propose a micro-plan for improve measles vaccination. (15 = 10)

Q. 3. Rationale of shift from control to elimination goal in TB program. (15)

Q. 4. How does Integrated Health Information Platform differs from Integrated Disease Surveillance Project? Describe in detail. (15)

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M. D. (Doctor of Medicine) Examination June - 2023

Community Medicine (PSM) : Paper - II

SET - III

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

- (1) નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
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Name of the Examination:

M. D. (Doctor of Medicine)

Name of the Subject :

Community Medicine (PSM) : Paper - II : SET - III

Subject Code No.: **2106121601020001**

Seat No.:

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Student's Signature

- (2) All questions are compulsory.

Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership

- Q. 1.** Discuss recent updates in programs addressing Maternal and Child Health issues at national as well as state level. (25)
- Q. 2. (a)** Climate change and its impact on human. Prepare heat action plan for costal city. (13)
- (b)** Enumerate, describe and discuss the modes of transmission and measures for prevention and control of seasonal influenza (12)
- Q. 3. (a)** Discuss role of Geographic Information System in Public health planning and policy makers. (13)
- (b)** Discuss various management techniques of maintaining drug stocks at a tertiary hospital. (12)

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Q. 4. Write short notes on the following:

(5 × 5 = 25)

- (a) Model Adolescent Friendly Health Clinics.
- (b) PERT.
- (c) Cancer registry.
- (d) AEFI definition, classification and common AEFIs associated with BCG vaccines.
- (e) Impact of India becoming World No. 1 in terms of population.



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M. D. (Doctor of Medicine) Examination June - 2023

Community Medicine (PSM) : Paper - III

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

(1)

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Name of the Examination:

M. D. (Doctor of Medicine)

Name of the Subject :

Community Medicine (PSM) : Paper - III

Subject Code No.: 2106121601030001

Seat No.:

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Student's Signature

(2) All questions are compulsory.

SET - II

Social & Behavioral sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases Surveillance.

- Q. 1.** Prepare a concept paper for research project. Define Plagiarism. (15 + 5 + 5)
What is h-index?
- Q. 2.** (a) Plan a Mixed Methods study designs with suitable examples. (13)
(b) Describe guideline of model anti-rabies clinic at tertiary care hospital. (12)
- Q. 3.** (a) Vulnerability of Surat city to Vector Borne diseases. (13)
(b) Vision of World Health Day 2023 -Health for All - Dream for mankind. (12)
- Q. 4.** Write short notes on the following: (5 × 5 = 25)
a) Peer review.
b) Write Pros and Cons of Right to Health Bill.
c) Indexing agencies in Medical Journals.
d) Role of World Bank in Public health.
e) Prevention of Social Media Addiction.

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M. D. (Doctor of Medicine) Examination June - 2023

Community Medicine (PSM) : Paper - IV

Set - II

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

(1) નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
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Name of the Examination:
M. D. (Doctor of Medicine)

Name of the Subject :
Community Medicine (PSM) : Paper - IV : Set - II

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(2) All questions are compulsory.

Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.

- Q. 1. Describe epidemiological factors of Cervical Cancer and various screening methods of Cervical Cancer. (25)
- Q. 2. (a) Describe Joint Review Mission activities carried out in Gujarat. (13)
- (b) Describe Health Economics. And write details about Application areas of Health Economics (12)
- Q. 3. (a) Describe various e Health initiatives in different National Health Programs. (12)
- (b) Policy change for involving peri- urban areas for health services taking example of Sachin PHC. (13)

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(5 × 5 = 25)

Q. 4. Write short notes on the following:

- (a) Give 10 bullet points for failure of ICDS Programme in India.
- (b) Viral suppression and undetectable viral load.
- (c) Planning for addressing geriatric population health problems in Surat city.
- (d) Role of Mendeley software in reference management.
- (e) Public -Private Partnership in delivering Health Programme in Surat.

