



BB-2106121601010001

M. D. Examination

April - 2022

Community Medicine (PSM) : Paper - I
(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)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M. D.

Name of the Subject :
Community Medicine (PSM) : Paper - I

Section No. (1, 2,.....) : NIL

Subject Code No. :
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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.

- 1 Critically evaluate programs addressing malnutrition 10+15 in Surat city. Plan innovative approaches to recommend MOH of SMC to address high malnutrition rates in urban slums of Surat city.
- 2 What is Focused Group Discussion? What is its 5+8+12 significance in health research? How will you conduct an FGD for understanding feeding practices of mothers in infants in RHTC field practice area?
- 3 Discuss about air pollution and its relation with 25 respiratory diseases, cardiovascular diseases and cancer. China's giant smog sucking tower reduces air pollution - how ?

4 Write short notes on the following :

5×5=25

- (a) Social Defense mechanisms for failure in social events of life
 - (b) Confounding factors in research design
 - (c) Measuring risk in research
 - (d) Changes in new Bio Medical Waste Management Rule.
 - (e) Serological markers in Hepatitis B.
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BB-2106121601020001

M. D. Examination

April - 2022

Community Medicine (PSM) : Paper - II

(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)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांशवेल निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No.:
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M. D.	<input type="text"/>
Name of the Subject :	<input type="text"/>
Community Medicine (PSM) : Paper - II	<input type="text"/>
Subject Code No. :	Section No. (1, 2,.....):
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	Student's Signature

(2) All questions are compulsory.

- 1 Enlist various stages of planning cycle. Use suitable examples of planning a new PHC setup as per stages of Planning Cycle. 25
- 2 (a) Write concept of Undetected = Untransmissible in context to HIV. Describe public health importance of this concept. 13
(b) Discuss newer initiatives to improve maternal mortality rates in India. 12
- 3 (a) As a part of RRT, make a protocol to investigate outbreak of food poisoning in a nursing hostel. 13
(b) Prepare a micro plan for Mamta sessions at new proposed PHC with population of 30,000. 12
- 4 Write short notes on the following : 5×5=25
(a) Social marketing schemes
(b) Comment: Infant Mortality Rate is the most sensitive indicator of socio-economic development of the country.
(c) Home based Newborn Care
(d) WASH strategy in public health.
(e) Joint Effort for elimination of Tuberculosis (JEET)



BB-2106121601030001

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Community Medicine (PSM) : Paper - III
(Social & Behavioral sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health& Global Diseases surveillance)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
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☛ M. D.	<input type="text"/>
Name of the Subject :	<input type="text"/>
☛ Community Medicine (PSM) : Paper - III	<input type="text"/>
☛ Subject Code No. :	Section No. (1, 2,.....) : NIL
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	Student's Signature

(2) All questions are compulsory.

- 1 What do you mean by therapeutic nutrition? Plan a diet for a diabetic adult man. Discuss about 'Anemia Mukh Bharat' campaign. **25**
- 2 (a) Discuss challenges of developing a RHTC for a medical college. **13**
(b) Indicators of NITI Aayog of Gujarat state **12**
- 3 (a) Validity and Reliability in Screening Test **13**
(b) Deaddiction Program for youth: Focus needed in Surat city. **12**
- 4 Write short notes on the following : **5×5=25**
 - (a) Direct Bank Transfer of incentives in NTEP
 - (b) Community Mobilization
 - (c) Utility of Epidemic Control Act in COVID-19
 - (d) PreP in HIV
 - (e) Epidemic Intelligence Unit.



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Community Medicine (PSM) : Paper - IV

(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.)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांशवैल निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
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Name of the Examination :
M. D.

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

Subject Code No. : Section No. (1, 2,.....): NIL

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Student's Signature

(2) All questions are compulsory.

- 1 Discuss Hepatitis Control Program of Gujarat State. 25
- 2 (a) Challenges faced by Surat city to achieve number one position in cleanliness under "Swachh Sarvekshan". 13
(b) What do you understand by the term 'Opportunity Cost' ? Discuss the ways in which understanding this concept can aid health service decisions. 12
- 3 (a) Comprehensive Sickle Cell Management Unit in a Tribal District. 13
(b) Discuss a conceptual model to boost the Family welfare programme at RHTC. 12
- 4 Write short notes on the following : 5×5=25
(a) Health hazards of working in a Diamond Industry.
(b) Supportive Supervision in National Health Programs.
(c) Factors influencing individual and population health.
(d) Maternal Death Review.
(e) Recent updates in Post Exposure Prophylaxis in HIV.