# BB-2106121601010001

# M. D. Examination

April - 2022

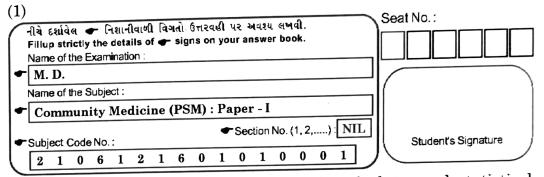
Community Medicine (PSM) : Paper - I (Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non-Communicable diseases, emerging and re-emerging diseases, Applied

Epidemiology, Health research, Bio-statistics)

Time : 3 Hours]

[Total Marks : 100

#### **Instructions** :



- (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?

BB-2106121601010001 ]

[ Contd...

1

### Write short notes on the following :

4

- (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.

2

# **BB-2106121601020001**

### M. D. Examination

April - 2022

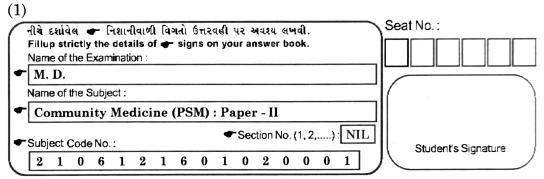
Community Medicine (PSM) : Paper - II

(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 :



(2) All questions are compulsory.

1 Enlist various stages of planning cycle. Use suitable 25 examples of planning a new PHC setup as per stages of Planning Cycle.

- 2 (a) Write concept of Undetected = Untransmissible in 13 context to HIV. Describe public health importance of this concept.
  - (b) Discuss newer initiatives to improve maternal 12 mortality rates in India.
- 3 (a) As a part of RRT, make a protocol to investigate 13 outbreak of food poisoning in a nursing hostel.
  - (b) Prepare a micro plan for Mamta sessions at new 12 proposed PHC with population of 30,000.

## 4 Write short notes on the following : $5 \times 5 = 25$

- (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**

# M. D. Examination

April - 2022

Community Medicine (PSM) : Paper - III

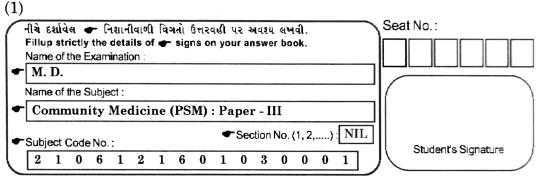
(Social & Behavioral sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health& Global Diseases surveillance)

Time : 3 Hours]

ç

[Total Marks : 100

### **Instructions** :



(2) All questions are compulsory.

1 What do you mean by therapeutic nutrition? Plan a diet 25 for a diabetic adult man. Discuss about 'Anemia Mukt Bharat' campaign.

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	12
		Surat city.	
4	Writ	te 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.	

BB-2106121601030001 ]

[40]

# BB-2106121601040001 M. D. Examination

April - 2022

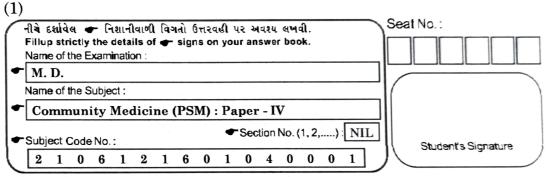
Community Medicine (PSM) : Paper - IV

(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** :



(2) All questions are compulsory.

#### 1 Discuss Hepatitis Control Program of Gujarat State. 25

- 2 (a) Challenges faced by Surat city to achieve number 13 one position in cleanliness under "Swachh Sarvekshan".
  - (b) What do you understand by the term 'Opportunity 12 Cost ? Discuss the ways in which understanding this concept can aid health service decisions.
- 3 (a) Comprehensive Sickle Cell Management Unit in a 13 Tribal District.
  - (b) Discuss a conceptual model to boost the Family 12 welfare programme at RHTC.

# 4 Write short notes on the following : $5 \times 5 = 25$

- (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.

BB-2106121601040001 ]

[40]