

DEPARTMEnt  
of  
COMMUNITY MEDICINE  
**[2015 onwards]**

# COMMUNITY MEDICINE (2015)

## INTRODUCTION

Homoeopathy is a holistic science.

A homoeopath is just not only focused at removal of the disease as a whole but likewise he is a preserver of health and it is his utmost duty to promote and preserve health.

It is through the knowledge of community medicine the students should be made well versed with various aspects of preventive and social medicine and its practical application and utility so that they can work on grass root level.

## OBJECTIVES

- I (a) Physician's function is not limited merely prescribing homoeopathic medicines for curative purpose, but he has wider role to play in the community.
- (b) He has to be well conversant with the national health problems of rural as well as urban areas, so that he can be assigned responsibilities to play an effective role not only in the field of curative but also preventive and social medicine including family planning.
- II. This subject is of utmost importance and throughout the period of study attention of the student should be directed towards the importance of preventive medicine and the measures for the promotion of positive health.
- III. (a) During teaching, focus should be laid on community medicine concept, man and society, aim and scope of preventive and social medicine, social causes of disease and social problems of the sick, relation of economic factors and environment in health and disease.
- (b) Instructions in this course shall be given by lectures, practical, seminars, group discussions, demonstration and field studies.
- Method of teaching Community Medicine will be based on the concept of health, disease, cure and prevention as evolved by Dr. Samuel Hahnemann.
- Scope of homeopath in National Programme.
- Hahnemann concept of Genus Epidemicus in controlling of Epidemics.
- Vaccinosis by different stalwarts. (Dr. Burnett)
- Homoeopathic Prophylaxis.

## Topic distribution (2015)

IIIrd year BHMS

**THEORY =35 HOURS**

**PRACTICALS= 15 HOURS**

\*NOTE- The topic wise distribution of minimum numbers of hours for lectures, demonstration, clinical and seminar in the subject shall be followed.

SR NO	TOPIC	HOURS
1	Man and medicine	1 hr
2	Concept of health and disease in conventional medicine and homoeopathy	6 hrs
3	Nutrition and health (a)-food and nutrition (b)-food in relation to health and disease (c)-balanced diet (d)-nutritional deficiencies and nutritional survey (e)-food processing (f)-pasteurization of milk (g)-adulteration of food (h)-food poisoning	7 hrs
4	Environment and health (a)-air,light,sunshine,radiation (b)-effects of climate (c)-comfort zone (d)-personal hygiene (e)-physical exercise (f)-sanitation of fairs and festivals (g)-disinfection and sterilization (h)-atmospheric pollution and purification of air (i)-air borne diseases.	6 hrs
5	Water (a)-distribution of water,uses,impuritiesand and purification (b)-standard of drinking water (c)-water borne diseases (d)-excreta disposal (e)-disposal of deceased (f)-disposal of refuse (g)-medical entomology-insecticides, disinfection, insects in relation to disease, insect control.	5 hrs
6	Occupational health	5 hrs
7	Preventive medicine in pediatrics and geriatrics	5 hrs

The practical timings should be utilized for group discussion, seminars and demonstration of the above theory portion.

## Topic distribution (2015)

**IVth year BHMS**

**THEORY =100 HOURS**

**PRACTICALS= 100 HOURS**

\*NOTE- the topic wise distribution of minimum numbers of hours for lectures, demonstration, clinical and seminar in the subject shall be followed.

<b>SR NO</b>	<b>TOPIC</b>	<b>HOURS</b>
1	Epidemiology a)Principles and methods of epidemiology b)Epidemiology of communicable diseases -general principles of prevention and control of communicable diseases c) Communicable diseases, their description, mode of spread and method of prevention. d)Protozoan and helminthes infections-life cycle of protozoa and helminthes, their prevention e) Epidemiology of non communicable diseases, general principles of prevention and control of communicable diseases. f)Screening	35
2	Bio-statistics a)need of biostatistics in medicine b)elementary statistical methods c)sample size calculation d)sampling methods e)test of significance f)presentation of data g)vital statistics	7
3	Demography and family planning, population control, contraceptive practices, national family planning programme.	8
4	Health education and health communication	5
5	Health care of community	5
6	International health	3
7	Mental health	5
8	Maternal and child health	12
9	School health services	6
10	National health programs of India including Rashtriya Bal Chikitas Karyakram	5
11	Hospital waste management	2
12	Disaster management	2
13	Study of aphorisms of Organon of medicine and other homoeopathic literature, revelant to above topic including prophylaxis	5

## IIRD & IVTH year BHMS

### Syllabus for Practical (2015)

IIRD BHMS	IV BHMS
Balanced diet	Demography
	Nutritive profile of substances
Food additives	Nutritional disorders
	Food fortification Food adulteration Food toxicants
Family planning and contraception	Medical entomology
	Disinfection
Group discussion	Insecticides
Seminars	Rodenticides
Demonstrations	Biostatistics
	Instruments
	Survey of nutritional status of school children, pollution and water purification, family case study
	Immunization and vaccines

Visits

IIRD BHMS	IV BHMS (mandatory)
	Water purification plant
	Milk dairy
	Sewage treatment plant
	Primary health centre
	Infectious disease hospital
	Industrial unit /Factory
	Public health laboratory
	Rehabilitation centre (optional)
	Mental hospital(optional)

# Community Medicine

## IVth year BHMS

### Question paper pattern (2015)

<b>Q NO</b>	<b>Question description</b>	<b>Division of marks</b>	<b>Total marks</b>
1	<p>Write appropriate answers (any ten out of fifteen)</p> <p>a)      b)      c)      d)      e) f)      g)      h)      i)      j) k)      l)      m)      n)      o)</p> <p>Topics:- One question from each topic</p> <p>1-concept of health and disease 2-epidemiology and epidemiologic methods 3-screening 4-communicable diseases 5-non communicable diseases 6-health programmes or international health 7-demography and family planning 8-preventive medicine in obs, paed and geriatrics 9-nutrition 10-environment health 11-occupational health 12-genetics or disaster management 13-mental health 14-health information and basic medical statistics 15-communication</p>	10×2	20
2	<p>Write short answer (any four out of six)</p> <p>a) b) c) d) e) f)</p> <p>1 question from each topic</p> <p>Topics:- -from concept of health and disease - from non communicable diseases</p>	4×5	20

	<ul style="list-style-type: none"> <li>- environmental health</li> <li>-from genetics and health or health care of community</li> <li>-from mental health</li> <li>- from screening</li> </ul>		
3	<p>Write short answer (any four out of six)</p> <p>a) b) c) d) e) f)</p> <p>1 question from each topic</p> <p>Topics:-</p> <ul style="list-style-type: none"> <li>- from epidemiology</li> <li>- from communicable diseases</li> <li>- nutrition</li> <li>-from communication</li> <li>-from international health or health programmes</li> <li>-from health information and statistics</li> </ul>	4×5	20
	LAQ- 40 MARKS		
4	<p>Long answer question (any two out of four)</p> <p>a) b) c) d)</p> <p>1 question from each topic</p> <p>Topics:-</p> <ul style="list-style-type: none"> <li>- from occupational health</li> <li>- from non communicable diseases</li> <li>- from demography and family planning</li> <li>- from role of homoeopathy in community medicine</li> </ul>	2×10	20
	<p>Long answer question (any one from Q5, 6 and 7).</p> <p>This question should be set from topics given below</p> <p>Topics:-</p> <ul style="list-style-type: none"> <li>-from Concept of health and disease</li> <li>-from epidemiology</li> <li>-from Communicable diseases</li> <li>-from preventive medicine in obstetrics,paediatrics and geriatrics</li> <li>-from Nutrition</li> <li>-from environment and health</li> </ul>	1×20	20

## **Community medicine**

### **IVTH year BHMS**

#### **Examination details (2015)**

Examination at the end of IV Th BHMS

1. Theory  
Number of papers- 01  
Marks -100 marks
2. Practical including viva oral-100 marks

Skeleton for Practical/ Viva Marksheet (2015)

Distribution of marks:-

<b>Spotting</b>	<b>Journal</b>	<b>Communication Skill</b>	<b>Viva I</b>	<b>Viva II</b>	<b>Grand total</b>
30 marks	15 marks	5 Marks	25 marks	25 marks	100 marks



## Community medicine (2015)

### Spotting:-

Total marks = 30

10 spots of 3 mark each.

Time limit:- 3 mints for each spot.

Topics from which spots have to be taken:-

1. Nutrition (e.g. nutritive value, diet charts etc).
2. Contraceptives/family planning devices
3. Instruments
4. Vaccines and immunization (vaccines, cold chain, hazards etc).
5. Insecticides
6. Pesticides
7. Rodenticides
8. Environmental science (water, noise etc).
9. Biostatistics (census, calculations, sources of data etc).
10. Infectious diseases
11. Non communicable diseases
12. Entomology
13. Occupational health (hazards, diseases, acts ,protective devices etc).

## **Community medicine (2015)**

### **JOURNAL**

One standard journal should be maintained

This journal should have 3 sections

1) Practical and demonstrations

Balanced diet

Food additives

Food fortification

Food adulteration

Food toxicants

Nutritional disorders

Nutritive profile of substances

Disinfectants

Insecticides

Rodenticides

Immunization

Vaccines

Biostatistics

Instruments

Demography

Family planning and contraceptive methods and devices

Medical entomology

2) Field visits (7 visits compulsory as already discussed in visit section)

3) 10 cases of infectious diseases

Case record followed by epidemiology and prevention of the same.