

Competency based Undergraduate Curriculum

Topics & outcomes in Community		Number of topics: 20			Number of outcomes: 107	
Topic: Concept of Health and Disease : Number of competencies: (10)		Domains	Proficiencies	Core	Suggested Teaching Learning method	Suggested Assessment method
CM1.1	Define and describe the concept of Public Health	K	KH	Y	lecture	Written/Viva
1.1a	At the end of the session the phase III students must be able to define public health.	K	KH	Y	lecture Small group discussion	Written/Viva
1.1b	At the end of the session the phase III students must be able to discuss history of public health.	K	KH	Y	lecture Small group discussion	Written/Viva
1.1c	At the end of the session the phase III students must be able to enumerate important public health interventions leading to reduction in mortality in globally.	K	KH	Y	lecture Small group discussion	Written/Viva
1.1d	At the end of the session the phase III students must be able to explain changing concepts of Public health.	K	KH	Y	lecture Small group discussion	Written/Viva
CM1.2	Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	K	KH	Y	lecture Small group discussion	Written/Viva
1.2a	At the end of the session the Phase III student must be able to define health and positive health.	K	KH	Y	lecture Small group discussion	Written/Viva
1.2b	At the end of the session the Phase III student must be able to describe various concepts of health/evolution of concepts of health	K	KH	Y	lecture Small group discussion	Written/Viva
1.2c	At the end of the session the Phase III student must be able to discuss the importance of holistic health in Indian context.	K	KH	Y	lecture Small group discussion	Written/Viva
1.2d	At the end of the session the Phase III student must be able to describe the various dimensions of health and methods to evaluate these dimensions.	K	KH	Y	lecture Small group discussion	Written/Viva
1.2e	At the end of the session the Phase III student must be able to discuss spectrum of health.	K	KH	Y	lecture Small group discussion	Written/Viva
1.2f	At the end of the session the Phase III student must be able to list and discuss various determinants of health	K	KH	Y	lecture Small group discussion	Written/Viva
1.2g	At the end of the session the Phase III student must be able to discuss concept of well being and its components.	K	KH	Y	lecture Small group discussion	Written/Viva

1.2h	At the end of the session the Phase III student must be able to differentiate between HDI and PQLI.	K	KH	Y	lecture Small group discussion	Written/Viva
CM1.3	Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease	K	KH	Y	lecture Small group discussion	Written/Viva
1.3a	At the end of the session the Phase III student must be able to define disease and explain theories of disease causation.	K	KH	Y	lecture Small group discussion	Written/Viva
1.3b	At the end of the session the Phase III student must be able to define risk factors and discuss the theory of multi factorial causation of disease	K	KH	Y	lecture Small group discussion	Written/Viva
1.3c	At the end of the session the Phase III student must be able to describe iceberg phenomenon of disease.	K	KH	Y	lecture Small group discussion	Written/Viva
CM1.4	Describe and discuss the natural history of disease	K	KH	Y	lecture Small group discussion	Written/Viva
1.4a	At the end of the session the Phase III student must be able to Elaborate the disease process in man/natural history of disease.	K	KH	Y	lecture Small group discussion	Written/Viva
1.4b	At the end of the session the Phase III student must be able to discuss Epidemiological triad and advanced model of triangle of epidemiology.	K	KH	Y	lecture Small group discussion	Written/Viva
1.4c	At the end of the session the Phase III student must be able to describe spectrum of disease.	K	KH	Y	lecture Small group discussion	Written/Viva
CM1.5	Describe the application of interventions at various levels of prevention.	K	KH	Y	lecture Small group discussion	Written/Viva
1.5a	At the end of the session the Phase III student must be able to describe various levels of prevention.	K	KH	Y	lecture Small group discussion	Written/Viva
1.5b	At the end of the session the Phase III student must be able to enumerate and discuss modes of interventions.	K	KH	Y	lecture Small group discussion	Written/Viva
1.5c	At the end of the session the Phase III student must be able to design interventions for reducing some common health problems in India.	K	KH	Y	lecture Small group discussion	Written/Viva
CM1.6	Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC)	K	KH	Y	lecture Small group discussion	Written/Viva

1.6a	At the end of the session the Phase III student must be able to define health promotion. Discuss the elements of health promotion	K	KH	Y	lecture Small group discussion	Written/Viva
1.6b	At the end of the session the Phase III student must be able to define IEC and steps in IEC.	K	KH	Y	lecture Small group discussion	Written/Viva
1.6c	At the end of the session the Phase III student must be able to define	K	KH	Y	lecture Small group	Written/Viva
1.6d	At the end of the session the Phase III student must be able to enlist	K	KH	Y	lecture Small group	Written/Viva
1.6e	At the end of the session the Phase III student must be able to differentiate between health education and health propaganda.	K	KH	Y	lecture Small group discussion	Written/Viva
1.6f		K	KH	Y	lecture Small group	Written/Viva
1.6g	At the end of the session the Phase III student must be able to plan BCC	K	KH	Y	lecture Small group	Written/Viva
CM1.7	Enumerate and describe health indicators.	K	KH	Y	lecture Small group	Written/Viva
1.7a	At the end of the session the Phase III student must be able to define	K	KH	Y	lecture Small group	Written/Viva
1.7b	At the end of the session the Phase III student must be able to discuss the	K	KH	Y	lecture Small group	Written/Viva
1.7a	At the end of the session the Phase III student must be able to discuss the	K	KH	Y	lecture Small group	Written/Viva
1.7b	At the end of the session the Phase III student must be able to enumerate	K	KH	Y	lecture Small group	Written/Viva
CM1.8	Describe the Demographic profile of India and discuss its impact on	K	KH	Y	lecture Small group	Written/Viva
1.8a	At the end of the session the Phase III student must be able to define	K	KH	Y	lecture Small group	Written/Viva
1.8b	At the end of the session the Phase III student must be able to define	K	KH	Y	lecture Small group	Written/Viva
1.8c		K	KH	Y	lecture Small group	Written/Viva
1.8d	At the end of the session the Phase III student must be able to explain the	K	KH	Y	lecture Small group	Written/Viva
1.8f	At the end of the session the Phase III student must be able to enlist the	K	KH	Y	lecture Small group	Written/Viva
CM1.9		S	SH	Y	DAOP	AETCOM
1.9a	At the end of the session the Phase III student must be able to define	S	SH	Y	DAOP	AETCOM
1.9b	At the end of the session the Phase III student must be able to demonstrate	S	SH	Y	DAOP	AETCOM
CM1.10	Demonstrate the important aspects of the doctor patient relationship in	S	SH	Y	DAOP	AETCOM
1.10a	At the end of the session the Phase III student must be able to demonstrate	S	SH	Y	DAOP	AETCOM
1.10b	At the end of the session the Phase III student must be able to demonstrate	S	SH	Y	DAOP	AETCOM
1.10c	At the end of the session the Phase III student must be able to demonstrate	S	SH	Y	DAOP	AETCOM

Topic: Relationship of social and behavioural to health and disease:

Number of competencies: (5)

CM2.1	Describe the steps and perform clinico socio-cultural and demographic	S	SH	Y	DAOP	Skill assessment
2.1a	At the end of the session the Phase III student must be able to demonstrate	S	SH	Y	DAOP	Skill assessment
2.1b	At the end of the session the Phase III student must be able to demonstrate	S	SH	Y	DAOP	Skill assessment
2.1c	At the end of the session the Phase III student must be able to demonstrate	S	SH	Y	DAOP	Skill assessment
2.1d	At the end of the session the Phase III student must be able to elicit the	S	SH	Y	DAOP	Skill assessment
CM2.2	Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status					
CM2.2a	At the end of the session the Phase III student must be able to determine type of families and their impact on health status of family members correctly.	S	SH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce/ Skill assessment
CM2.2b	At the end of the session the Phase III student must be able to determine socio economical status of family members correctly.	S	SH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce/ Skill assessment
CM2.2c	At the end of the session the Phase III student must be able to determine socio culture factors affecting of health status of family members correctly.	S	SH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce/ Skill assessment
CM2.3	Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior					
CM2.3a	At the end of the session the Phase III student must be able to demonstrate various techniques to assess health seeking behaviour of family member correctly.	S	SH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce/ Skill assessment
CM2.3b	At the end of the session the Phase III student must be able to determine barriers to good health seeking behaviour using these technique.	S	SH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce/ Skill assessment
CM2.3c	At the end of the session the Phase III student must be able to correlate these barriers to socio-cultural determinant of health correctly .	S	SH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce/ Skill assessment
CM2.4	Describe social psychology, community behaviour and community relationship and their impact on health and disease					

CM2.4a	At the end of the session the Phase III student must be able to define social psychology correctly .	K	KH	Y	Lecture, Small group discussion	Written / Viva voce
CM2.4b	At the end of the session the Phase III student must be able to define community behaviour and relationship correctly .	K	KH	Y	Lecture, Small group discussion	Written / Viva voce
CM2.4c	At the end of the session the Phase III student must be able describe role of social psychology on health and disases correctly .	K	KH	Y	Lecture, Small group discussion	Written / Viva voce
CM2.5	Describe poverty and social security measures and its relationship to health and disease					
CM2.5a	At the end of the session the Phase III student must be define various crieterias used for poverty correctly .	K	KH	Y	Lecture, Small group discussion	Written / Viva voce
CM2.5b	At the end of the session the Phase III student must be describe impact of poverty on health and diseases correctly. various crieterias used for poverty correctly .	K	KH	Y	Lecture, Small group discussion	Written / Viva voce
CM2.5c	At the end of the session the Phase III student must be able to enumerate social security measures correctly .	K	KH	Y	Lecture, Small group discussion	Written / Viva voce

Topic: Environmental Health Problems

CM3.1	Describe the health hazards of air, water, noise, radiation and Pollution	K	KH	Y	lecture Small group	Written/Viva
3.1a	At the end of the session the Phase III student must be able to define air	K	KH	Y	lecture Small group	Written/Viva
3.1b	At the end of the session the Phase III student must be able to write note	K	KH	Y	lecture Small group	Written
3.1c	At the end of the session the Phase III student must be able to explain	K	KH	Y	lecture Small group	viva
3.1d	At the end of the session the Phase III student must be able to explain	K	KH	Y	lecture Small group	viva
CM3.2	Describe concepts of safe and wholesome water, sanitary sources of	K	KH	Y	lecture Small group	viva
3.2a	At the end of the session the Phase III student must be able to describe	K	KH	Y	lecture Small group	viva
3.2b	At the end of the session the Phase III student must be able to describe	K	KH	Y	lecture Small group	viva
3.2c	At the end of the session the Phase III student must be able to describe	K	KH	Y	lecture Small group	viva
3.2d	At the end of the session the Phase III student must be able to list the	K	KH	Y	lecture Small group	viva
3.2e	At the end of the session the Phase III student must be able to Interpret	K	KH	Y	lecture Small group	viva
CM3.3	Describe the aetiology and basis of water borne diseases	K	KH	Y	lecture Small group	viva
3.3a	At the end of the session the Phase III student must be able to classify	K	KH	Y	lecture Small group	viva
3.3b	At the end of the session the Phase III student must be able to enumerate	K	KH	Y	lecture Small group	viva

3.3c	At the end of the session the Phase III student must be able to discuss	K	KH	Y	lecture Small group	viva
CM3.4	Describe the concept of solid waste, human excreta and sewage	K	KH	Y	lecture Small group	viva
3.4a	At the end of the session the Phase III student must be able to define solid	K	KH	Y	lecture Small group	viva
3.4b	At the end of the session the Phase III student must be able to describe	K	KH	Y	lecture Small group	viva
3.4c	At the end of the session the Phase III student must be able to define	K	KH	Y	lecture Small group	viva
CM3.5	Describe the standards of housing and the effect of housing on health	K	KH	Y	lecture Small group	viva
3.5a	At the end of the session the Phase III student must be able to define	K	KH	Y	lecture Small group	viva
3.5b	At the end of the session the Phase III student must be able to describe	K	KH	Y	lecture Small group	viva
CM3.6	Describe the role of vectors in the causation of diseases. Also discuss	K	KH	Y	lecture Small group	viva
3.6a	At the end of the session the Phase III student must be able to enumerate	K	KH	Y	lecture Small group	viva
3.6b	At the end of the session the Phase III student must be able to enumerate	K	KH	Y	lecture Small group	viva
3.6c	At the end of the session the Phase III student must be able to discuss	K	KH	Y	lecture Small group	viva
CM3.7	Identify and describe the identifying features and life cycles of vectors of	S	SH	Y	DAOP	Skill assessment
3.7a	At the end of the session the Phase III student must be able to identify and	S	SH	Y	DAOP	Skill assessment
3.7b	At the end of the session the Phase III student must be able to draw and describe life cycles of vectors of medical importance.	S	SH	Y	DAOP	Skill assessment
3.7c	At the end of the session the Phase III student must be able to describe	S	SH	Y	DAOP	Skill assessment
CM3.8	Describe the mode of action, application cycle of commonly used	S	SH	Y	DAOP	Skill assessment
3.8a	At the end of the session the Phase III student must be able to classify	K	KH	Y	lecture Small group	viva
3.8b	At the end of the session the Phase III student must be able to discuss the	K	KH	Y	lecture Small group	viva
3.8c	At the end of the session the Phase III student must be able to explain	K	KH	Y	lecture Small group	viva

Topic: Principles of health promotion and education

Number of competencies: (3)

CM4.1 Describe various methods of health education with their advantages and limitations

4.1a	At the end of session the phase III part I students must be able to enumerate various methods of health education correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.1b	At the end of session the phase III part I students must be able to enumerate advantages and limitations of various methods of health education correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce

4.1c	At the end of session the phase III part I students must be able to describe various methods of health education with their advantages and limitations correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.1d	At the end of session the phase III part I students must be able to discuss various methods of health education with their advantages and limitations correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM4.2	Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings					
4.2a	At the end of session the phase III part I students must be able to enumerate the methods of organizing health promotion activities at community settings correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.2b	At the end of session the phase III part I students must be able to enumerate the methods of organizing health education activities at family level correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.2c	At the end of session the phase III part I students must be able to describe the methods of organizing health promotion activities at community settings correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.2d	At the end of session the phase III part I students must be able to describe the methods of organizing health education activities at individual level correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.2e	At the end of session the phase III part I students must be able to describe the methods of organizing health education activities at community settings correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.2f	At the end of session the phase III part I students must be able to describe the methods of organizing counselling at community settings correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.2g	At the end of session the phase III part I students must be able to discuss the methods of organizing health promotion activities at family level correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
4.2h	At the end of session the phase III part I students must be able to discuss the methods of organizing health education activities at family level correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce

CM4.3 Demonstrate and describe the steps in evaluation of health promotion and education program

4.3a	At the end of session the phase III part I students must be able to enumerate steps in evaluation of health promotion program correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.3b	At the end of session the phase III part I students must be able to enumerate steps in evaluation of health education program correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
4.3c	At the end of session the phase III part I students must be able to discuss steps in evaluation of health promotion program correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
4.3d	At the end of session the phase III part I students must be able to discuss steps in evaluation of health education program correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
4.3e	At the end of session the phase III part I students must be able to identify steps in evaluation of health promotion program correctly	S	S	Y	Small group session, DOAP sessions	Skill assessment
4.3f	At the end of session the phase III part I students must be able to identify steps in evaluation of health education program correctly	S	S	Y	Small group session, DOAP sessions	Skill assessment
4.3g	At the end of session the phase III part I students must be able to record steps in evaluation of health promotion program correctly	S	SH	Y	Small group session, DOAP sessions	Skill assessment
4.3h	At the end of session the phase III part I students must be able to record steps in evaluation of health education program correctly	S	SH	Y	Small group session, DOAP sessions	Skill assessment

Topic: Nutrition

CM5.1 Describe the common sources of various nutrients and special nutritional

5.1a	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
5.1b	At the end of session the phase III part I students must be able to classify	K	KH	Y	Small group	Written / Viva
5.1c	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
5.1d	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
5.1e	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
5.1f	At the end of session the phase III part I students must be able to calculate	K	KH	Y	Small group	Written / Viva

5.1g	At the end of session the phase III part I students must be able to calculate	K	KH/SH	Y	Small group	Written / Viva
5.1h	At the end of session the phase III part I students must be able to discuss	S	SH	Y	Small group session,	Skill assessment
5.1i	At the end of session the phase III part I students must be able to discuss	S	SH	Y	Small group session,	Skill assessment
CM5.2	Describe and demonstrate the correct method of performing a	S	SH	Y	Small group session,	Skill assessment
5.2a	At the end of session the phase III part I students must be able to do	K	KH	Y	Small group	Written / Viva
5.2b	At the end of session the phase III part I students must be able to do	K	KH	Y	Small group	Written / Viva
5.2c	At the end of session the phase III part I students must be able to assess	K	KH	Y	Small group	Written / Viva
CM5.3	Define and describe common nutrition related health disorders (including	K	KH	Y	Small group	Written / Viva
5.3a	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
5.3b	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
5.3c	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
CM5.4	Plan and recommend a suitable diet for the individuals and families	S	SH	Y	Small group session,	Skill assessment
5.4a	At the end of session the phase III part I students must be able to plan and	S	SH	Y	Small group session,	Skill assessment
5.4b	At the end of session the phase III part I students must be able to plan and	S	SH	Y	Small group session,	Skill assessment
CM5.5	Describe the methods of nutritional surveillance, principles of nutritional	K	KH	Y	Small group	Written / Viva
5.5a	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
5.5b	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
CM5.6	Enumerate and discuss the National Nutrition Policy, important national	K	KH	Y	Small group	Written / Viva
5.6a	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group discussion, Lecture	voice
5.6b	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
CM5.7	Describe food hygiene.	K	KH	Y	Small group	Written / Viva
5.7a	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
5.7b	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
5.7c	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
CM5.8	Describe and discuss the importance and methods of food fortification	K	KH	Y	Small group	Written / Viva
5.8a	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
5.8b	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
5.8c	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva

Topic: Basic statistics and its applications		K	KH	Y	Small group	Written / Viva
CM6.1	Formulate a research question for a study.	K	KH	Y	Small group	Written / Viva
6.1a	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
6.1b	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
6.1c	At the end of session the phase III part I students must be able to describe	K	KH	Y	Small group	Written / Viva
6.1d	At the end of session the phase III part I students must be able to describe	K	KH	Y	Small group	Written / Viva
6.1e	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
CM6.2	Describe and discuss the principles and demonstrate the methods of	S	SH	Y	Small group session,	Skill assessment
6.2a	At the end of session the phase III part I students must be able to describe	S	SH	Y	Small group session,	Skill assessment
6.2b	At the end of session the phase III part I students must be able to classify	S	SH	Y	Small group session,	Skill assessment
6.2c	At the end of session the phase III part I students must be able to analyse	S	SH	Y	Small group session,	Skill assessment
6.2d	At the end of session the phase III part I students must be able to present	S	SH	Y	Small group session,	Skill assessment
6.2e	At the end of session the phase III part I students must be able to	S	SH	Y	Small group session,	Skill assessment
6.2f	At the end of session the phase III part I students must be able to	S	SH	Y	Small group session,	Skill assessment
6.2g	At the end of session the phase III part I students must be able to	S	SH	Y	Small group session,	Skill assessment
6.2h	At the end of session the phase III part I students must be able to	S	SH	Y	Small group session,	Skill assessment
CM6.3	Describe, discuss and demonstrate the application of elementary	S	SH	Y	Small group session,	Skill assessment
6.3a	At the end of session the phase III part I students must be able to discuss	S	SH	Y	Small group session,	Skill assessment
6.3b	At the end of session the phase III part I students must be able to state null	S	SH	Y	Small group session,	Skill assessment
6.3c	At the end of session the phase III part I students must be able to calculate	S	SH	Y	Small group session,	Skill assessment
6.3d	At the end of session the phase III part I students must be able to apply	S	SH	Y	Small group session,	Skill assessment
6.3e	At the end of session the phase III part I students must be able to	K	KH	Y	Lecture	Viva
CM6.4	Enumerate, discuss and demonstrate Common sampling techniques, simple statistical methods, frequency distribution, measures of central	S	SH	Y	Small group session, DOAP sessions	Skill assessment
6.4a	At the end of session the phase III part I students must be able to classify	S	SH	Y	Small group session,	Skill assessment
6.4b	At the end of session the phase III part I students must be able to discuss	S	SH	Y	Small group session,	Skill assessment
6.4c	At the end of session the phase III part I students must be able to select	S	SH	Y	Small group session,	Skill assessment
6.4d	At the end of session the phase III part I students must be able to discuss	S	SH	Y	Small group session,	Skill assessment
6.4e	At the end of session the phase III part I students must be able to describe	S	SH	Y	Small group session,	Skill assessment
6.4f	At the end of session the phase III part I students must be able to discuss	S	SH	Y	Small group session,	Skill assessment

Topic: Epidemiology

CM7.1	Define Epidemiology and describe and enumerate the principles,	K	KH	Y	Small group	Written / Viva
7.1a	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
7.1b	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
7.1c	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
7.1d	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
CM7.2	Enumerate, describe and discuss the modes of transmission and	K	KH	Y	Small group	Written / Viva
7.2a	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
7.2b	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
7.2c	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
7.2d	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
CM7.3	Enumerate, describe and discuss the sources of epidemiological data.	K	KH	Y	Small group	Written / Viva
7.3a	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
CM7.4	Define, calculate and interpret morbidity and mortality indicators based on given set of data	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
7.4a	At the end of session the phase III part I students must be able to define	S	SH	Y	DOAP	Skill assessment
7.4b	At the end of session the phase III part I students must be able to calculate	S	SH	Y	DOAP	Skill assessment
7.4c	At the end of session the phase III part I students must be able to interpret	S	SH	Y	DOAP	Skill assessment
CM7.5	Enumerate, define, describe and discuss epidemiological study designs	K	KH	Y	Small group	Written / Viva
7.5a	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
7.5b	At the end of session the phase III part I students must be able to define	K	KH	Y	Small group	Written / Viva
7.5c	At the end of session the phase III part I students must be able to classify	K	KH	Y	Small group	Written / Viva
7.5d	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
CM7.6	Enumerate and evaluate the need of screening tests					
7.6a	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
7.6b	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
7.6c	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
CM7.7	Describe and demonstrate the steps in the Investigation of an epidemic					
7.7a	At the end of session the phase III part I students must be able to describe	S	SH	Y	DOAP	Skill assessment
7.7b	At the end of session the phase III part I students must be able to	S	SH	Y	DOAP	Skill assessment

7.7c	At the end of session the phase III part I students must be able to describe	S	SH	Y	DOAP	Skill assessment
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Topic: Epidemiology of communicable and

CM8.1	Describe and discuss the epidemiological and control measures including	K	KH	Y	Small group	Written / Viva
8.1a	At the end of session the phase III part I students must be able to describe	K	KH	Y	Small group	Written / Viva
8.1b	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
8.1c	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
CM8.2	Describe and discuss the epidemiological and control measures including					
8.2a	At the end of session the phase III part I students must be able to describe	K	KH	Y	Small group	Written / Viva
8.2b	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
8.2c	At the end of session the phase III part I students must be able to discuss	K	KH	Y	Small group	Written / Viva
CM8.3	Enumerate and describe disease specific National Health Programs					
CM8.3a	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
CM8.3b	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
CM8.3c	At the end of session the phase III part I students must be able to elist	K	KH	Y	Small group	Written / Viva
CM8.4	Describe the principles and enumerate the measures to control a disease					
CM8.4a	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
CM8.4b	At the end of session the phase III part I students must be able to describe	K	KH	Y	Small group	Written / Viva
CM8.4c	At the end of session the phase III part I students must be able to plan	K	KH	Y	Small group	Written / Viva
CM8.5	Describe and discuss the principles of planning, implementing and					
CM8.5a	At the end of session the phase III part I students must be able to	K	KH	Y	Small group	Written / Viva
CM8.5b	At the end of session the phase III part I students must be able to prepare	K	KH	Y	Small group	Written / Viva
CM8.5c	At the end of session the phase III part I students must be able to prepare	K	KH	Y	Small group	Written / Viva
CM8.6	Educate and train health workers in disease surveillance, control & treatment and health education					
CM8.6a	At the end of session the phase III part I students must be able to enumerate various teaching and training techniques correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM8.6b	At the end of session the phase III part I students must be able to use these technique, their advantages and disadvantage, their scope and application correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce

CM8.6c	At the end of session the phase III part I students must be able to evaluate knowledge and skill level of health workers correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM8.7 Describe the principles of management of information systems						
CM8.7a	At the end of session the phase III part I students must be able to enumerate various existing health information system in India correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM8.7b	At the end of session the phase III part I students must be able to describe Principal, need and rational of these health information system correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM8.7c	At the end of session the phase III part I students must be able to describe advantage and disadvantage of these health information system correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM8.7d	At the end of session the phase III part I students must be able to describe scope and role of doctors in these health information system correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce

Topic: Demography and vital statistics

Number of competencies: (07)

CM9.1 Define and describe the principles of Demography, Demographic cycle, Vital statistics						
9.1a	At the end of session the phase III part I students must be able to define and describe the principles of Demography correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
9.1b	At the end of session the phase III part I students must be able to define and describe the principles of Demographic cycle correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
9.1c	At the end of session the phase III part I students must be able to define and describe the principles of Vital statistics correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
9.1d	At the end of session the phase III part I students must be able to discuss the principles of Demography correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
9.1e	At the end of session the phase III part I students must be able to discuss the principles of Demographic cycle correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
9.1f	At the end of session the phase III part I students must be able to discuss the principles of Vital statistics correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM9.2 Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates						

9.2a	At the end of session the phase III part I students must be able to define and describe the demographic indices including birth rate, death rate, fertility rates correctly	S	SH	Y	Small group discussion, Lecture, DOAP sessions	Skill assessment
9.2b	At the end of session the phase III part I students must be able to discuss and analyse the demographic indices including birth rate, death rate, fertility rates correctly	S	SH	Y	Small group discussion, Lecture, DOAP sessions	Skill assessment
9.2c	At the end of session the phase III part I students must be able to calculate the demographic indices including birth rate, death rate, fertility rates correctly	S	SH	Y	Small group discussion, Lecture, DOAP sessions	Skill assessment
9.2d	At the end of session the phase III part I students must be able to interpret the demographic indices including birth rate, death rate, fertility rates correctly	S	SH	Y	Small group discussion, Lecture, DOAP sessions	Skill assessment
CM9.3	Enumerate and describe the causes of declining sex ratio and its social and health implications					
9.3a	At the end of session the phase III part I students must be able to describe the causes of declining sex ratio and its social and health implications correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
9.3b	At the end of session the phase III part I students must be able to discuss the causes of declining sex ratio and its social and health implications correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM9.4	Enumerate and describe the causes and consequences of population explosion and population dynamics of India.					
9.4a	At the end of session the phase III part I students must be able to enumerate the causes of population explosion of India correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
9.4b	At the end of session the phase III part I students must be able to describe the causes of population explosion of India correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
9.4c	At the end of session the phase III part I students must be able to describe the population dynamics of India correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
9.4d	At the end of session the phase III part I students must be able to discuss the causes of population explosion in India correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce

9.4e	At the end of session the phase III part I students must be able to discuss the consequences of population explosion in India correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
9.4f	At the end of session the phase III part I students must be able to analyse the consequences of population explosion in India correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
9.4g	At the end of session the phase III part I students must be able to discuss the population dynamics of India correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM9.5	Describe the methods of population control					
9.5a	At the end of session the phase III part I students must be able to enumerate the methods of population control correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
9.5b	At the end of session the phase III part I students must be able to describe the methods of population control correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
9.5c	At the end of session the phase III part I students must be able to classify the methods of population control correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
9.5d	At the end of session the phase III part I students must be able to choose the methods of population control correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM9.6	Describe the National Population Policy					
9.6a	At the end of session the phase III part I students must be able to describe the National Population Policy correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
9.6b	At the end of session the phase III part I students must be able to discuss the National Population Policy correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM9.7	Enumerate the sources of vital statistics including census, SRS, NFHS, NSSO etc					
9.7a	At the end of session the phase III part I students must be able to enumerate the sources of vital statistics including census, SRS, NFHS, NSSO etc correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
9.7b	At the end of session the phase III part I students must be able to discuss the sources of vital statistics including census, SRS, NFHS, NSSO etc correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce

Topic: Reproductive maternal and child health

Number of competencies:(09)

CM10.1 Describe the current status of Reproductive, maternal, newborn and Child Health

10.1a	At the end of session the phase III part I students must be able to describe the current status of Reproductive health correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.1b	At the end of session the phase III part I students must be able to describe the current status of Maternal Health correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.1c	At the end of session the phase III part I students must be able to describe the current status of Newborn Health correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.1d	At the end of session the phase III part I students must be able to describe the current status of Child Health correctly	K	k	Y	Small group discussion, Lecture	Written / Viva voce
10.1e	At the end of session the phase III part I students must be able to discuss the current status of Reproductive health correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.1f	At the end of session the phase III part I students must be able to discuss the current status of Maternal Health correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.1g	At the end of session the phase III part I students must be able to discuss the current status of Newborn Health correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.1h	At the end of session the phase III part I students must be able to discuss the current status of Child Health correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce

CM10.2 Enumerate and describe the methods of screening high risk groups and common health problems

10.2a	At the end of session the phase III part I students must be able to enumerate the methods of screening high risk groups correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.2b	At the end of session the phase III part I students must be able to enumerate the common health problems correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.2c	At the end of session the phase III part I students must be able to describe the methods of screening high risk groups correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.2d	At the end of session the phase III part I students must be able to describe the common health problems correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.2e	At the end of session the phase III part I students must be able to discuss the methods of screening high risk groups correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.2f	At the end of session the phase III part I students must be able to discuss the common health problems correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce

CM10.3 Describe local customs and practices during pregnancy, childbirth, lactation and child feeding practices

10.3a	At the end of session the phase III part I students must be able to describe local customs and practices during pregnancy correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.3b	At the end of session the phase III part I students must be able to describe local customs and practices during childbirth correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.3c	At the end of session the phase III part I students must be able to describe local customs and practices during lactation correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.3d	At the end of session the phase III part I students must be able to describe local customs and practices during child feeding correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.3e	At the end of session the phase III part I students must be able to discuss local customs and practices during pregnancy correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.3f	At the end of session the phase III part I students must be able to discuss local customs and practices during childbirth correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.3g	At the end of session the phase III part I students must be able to discuss local customs and practices during lactation correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.3h	At the end of session the phase III part I students must be able to discuss local customs and practices during child feeding correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM10.4	Describe the reproductive, maternal, newborn & child health (RMCH); child survival and safe motherhood interventions					
10.4a	At the end of session the phase III part I students must be able to describe the reproductive, maternal, newborn & child health(RMCH) correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.4b	At the end of session the phase III part I students must be able to describe the child survival and safe motherhood interventions correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.4c	At the end of session the phase III part I students must be able to discuss the reproductive, maternal, newborn & child health(RMCH) correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.4d	At the end of session the phase III part I students must be able to discuss the child survival and safe motherhood interventions correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM10.5	Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Programs.					

10.5a	At the end of session the phase III part I students must be able to describe Universal Immunization Program correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.5b	At the end of session the phase III part I students must be able to describe Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Programs correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.5c	At the end of session the phase III part I students must be able to discuss Universal Immunization Program correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.5c	At the end of session the phase III part I students must be able to discuss Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Programs correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM10.6	Enumerate and describe various family planning methods, their advantages and shortcomings					
10.6a	At the end of session the phase III part I students must be able to enumerate various family planning methods correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.6b	At the end of session the phase III part I students must be able to enumerate the advantages and shortcomings of various family planning methods correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.6c	At the end of session the phase III part I students must be able to describe various family planning methods correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.6d	At the end of session the phase III part I students must be able to describe the advantages and shortcomings of various family planning methods correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.6e	At the end of session the phase III part I students must be able to discuss various family planning methods correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.6f	At the end of session the phase III part I students must be able to discuss the advantages and shortcomings of various family planning methods correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM10.7	Enumerate and describe the basis and principles of the Family Welfare Program including the organization, technical and operational aspects					
10.7a	At the end of session the phase III part I students must be able to enumerate the basis and principles of the Family Welfare Program including the organization aspects correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce

10.7b	At the end of session the phase III part I students must be able to enumerate the basis and principles of the FamilyWelfare Program including the technical aspects correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.7c	At the end of session the phase III part I students must be able to enumerate the basis and principles of the FamilyWelfare Program including the operational aspects correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.7d	At the end of session the phase III part I students must be able to describe the basis and principles of the FamilyWelfare Program including the organization aspects correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.7e	At the end of session the phase III part I students must be able to describe the basis and principles of the FamilyWelfare Program including the technical aspects correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.7f	At the end of session the phase III part I students must be able to describe the basis and principles of the FamilyWelfare Program including the operational aspects correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.7g	At the end of session the phase III part I students must be able to discuss the basis and principles of the FamilyWelfare Program including the organization aspects correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.7h	At the end of session the phase III part I students must be able to discuss the basis and principles of the FamilyWelfare Program including the technical aspects correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.7i	At the end of session the phase III part I students must be able to discuss the basis and principles of the FamilyWelfare Program including the operational aspects correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM10.8	Describe the physiology, clinical management and principles of adolescent health including ARSH					
10.8a	At the end of session the phase III part I students must be able to describe the the physiology of adolescent health including ARSH correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.8b	At the end of session the phase III part I students must be able to describe the the clinical of adolescent health including ARSH correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce

10.8c	At the end of session the phase III part I students must be able to describe the principles of adolescent health including ARSH correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.8d	At the end of session the phase III part I students must be able to discuss the the physiology of adolescent health including ARSH correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.8e	At the end of session the phase III part I students must be able to discuss the the clinical of adolescent health including ARSH correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
10.8f	At the end of session the phase III part I students must be able to discuss the principles of adolescent health including ARSH correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
CM10.9 Describe and discuss gender issues and women empowerment						
10.9a	At the end of session the phase III part I students must be able to describe the gender issues and women empowerment correctly	K	K	Y	Small group discussion, Lecture	Written / Viva voce
10.9b	At the end of session the phase III part I students must be able to discuss the gender issues and women empowerment correctly	K	KH	Y	Small group discussion, Lecture	Written / Viva voce
				Y	Small group discussion, Lecture	Written / Viva voce

Topic: Occupational Health

Number of competencies: (05)

CM11.1 Enumerate and describe the presenting features of patients with occupational illness including agriculture.

11.1a	At the end of the session the phase III students must be able to enumerate the presenting features of patients with occupational illness including agriculture correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.1b	At the end of the session the phase III students must be able to describe the presenting features of patients with occupational illness including agriculture correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.1c	At the end of the session the phase III students must be able to discuss the presenting features of patients with occupational illness including agriculture correctly.	K	KH	Y	lecture Small group discussion	Written/Viva

CM11.2 Describe the role, benefits and functioning of the employees state insurance scheme.

11.2a	At the end of the session the phase III students must be able to describe the role of the employees state insurance scheme correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.2b	At the end of the session the phase III students must be able to discuss the role of the employees state insurance scheme correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
11.2c	At the end of the session the phase III students must be able to describe the benefits of the employees state insurance scheme correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.2d	At the end of the session the phase III students must be able to discuss the benefits of the employees state insurance scheme correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
11.2e	At the end of the session the phase III students must be able to describe the functioning of the employees state insurance scheme correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.2f	At the end of the session the phase III students must be able to discuss the functioning of the employees state insurance scheme correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
CM11.3 Enumerate and describe specific occupational health hazards, their risk factors and preventive measures.						
11.3a	At the end of the session the phase III students must be able to enumerate specific occupational health hazards correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.3b	At the end of the session the phase III students must be able to describe specific occupational health hazards correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.3c	At the end of the session the phase III students must be able to enumerate the risk factors for occupational health hazards correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.3d	At the end of the session the phase III students must be able to describe the risk factors for occupational health hazards correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.3e	At the end of the session the phase III students must be able to enumerate the preventive measures for occupational health hazards correctly.	K	K	Y	lecture Small group discussion	Written/Viva

11.3f	At the end of the session the phase III students must be able to describe the preventive measures for occupational health hazards correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.3g	At the end of the session the phase III students must be able to discuss the specific occupational health hazards correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
11.3h	At the end of the session the phase III students must be able to discuss the risk factors for occupational health hazards correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
11.3i	At the end of the session the phase III students must be able to discuss the preventive measures for occupational health hazards correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
CM11.4 Describe the principles of ergonomics in health preservation.						
11.4a	At the end of the session the phase III students must be able to enumerate the principles of ergonomics in health preservation correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.4b	At the end of the session the phase III students must be able to describe the principles of ergonomics in health preservation correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.4c	At the end of the session the phase III students must be able to discuss the principles of ergonomics in health preservation correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
CM11.5 Describe occupational disorders of health professionals and their prevention & management.						
11.5a	At the end of the session the phase III students must be able to enumerate the occupational disorders of health professionals correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.5b	At the end of the session the phase III students must be able to describe the occupational disorders of health professionals correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.5c	At the end of the session the phase III students must be able to describe the preventive measures of occupational disorders of health professionals correctly.	K	K	Y	lecture Small group discussion	Written/Viva
11.5d	At the end of the session the phase III students must be able to describe the management of occupational disorders of health professionals correctly.	K	K	Y	lecture Small group discussion	Written/Viva

11.5e	At the end of the session the phase III students must be able to discuss the occupational disorders of health professionals correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
11.5f	At the end of the session the phase III students must be able to discuss the preventive measures of occupational disorders of health professionals correctly.	K	KH	Y	lecture Small group discussion	Written/Viva
11.5g	At the end of the session the phase III students must be able to discuss management of occupational disorders of health professionals correctly.	K	KH	Y	lecture Small group discussion	Written/Viva

		K		Y	lecture Small group discussion	Written/Viva
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Topic: Geriatric services

Number of competencies: (04)

CM12.1 Define and describe the concept of Geriatric services.

12.1a	At the end of the session the phase III students must be able to define the concept of Geriatric services correctly.	K	K	Y	lecture	Written/Viva
12.1b	At the end of the session the phase III students must be able to describe the concept of Geriatric services correctly.	K	K	Y	lecture	Written/Viva
12.1c	At the end of the session the phase III students must be able to discuss the concept of Geriatric services correctly.	K	KH	Y	Small group discussion	Written/Viva

CM12.2 Describe health problems of aged population.

12.2a	At the end of the session the phase III students must be able to enumerate the health problems of aged population correctly.	K	K	Y	lecture	Written/Viva
12.2b	At the end of the session the phase III students must be able to describe the health problems of aged population correctly.	K	K	Y	lecture	Written/Viva
12.2c	At the end of the session the phase III students must be able to discuss the health problems of aged population correctly.	K	KH	Y	Small group discussion	Written/Viva

CM12.3 Describe the prevention of health problems of aged population.

12.3a	At the end of the session the phase III students must be able to Describe the prevention of health problems of aged population correctly.	K	K	Y	lecture	Written/Viva
12.3b	At the end of the session the phase III students must be able to Discuss the prevention of health problems of aged population correctly.	K	KH	Y	Small group discussion	Written/Viva

CM12.4 Describe National program for elderly.

12.4a	At the end of the session the phase III students must be able to Describe National program for elderly correctly.	K	K	Y	lecture	Written/Viva
12.4b	At the end of the session the phase III students must be able to Discuss National program for elderly correctly.	K	KH	Y	Small group discussion	Written/Viva

Topic: Disaster Management		Number				
of co mpetencies: (04)						

CM13.1 Define and describe the concept of Disaster management.

13.1a	At the end of the session the phase III students must be able to Define the concept of Disaster management correctly.	K	K	Y	lecture	Written/Viva
13.1b	At the end of the session the phase III students must be able to Describe the concept of Disaster management correctly.	K	K	Y	lecture	Written/Viva
13.1c	At the end of the session the phase III students must be able to Discuss the concept of Disaster management correctly.	K	KH	Y	Small group discussion	Written/Viva

CM13.2 Describe disaster management cycle.

13.2a	At the end of the session the phase III students must be able to list the various steps in disaster management cycle correctly.	K	K	Y	lecture	Written/Viva
13.2b	At the end of the session the phase III students must be able to describe disaster management cycle correctly.	K	K	Y	lecture	Written/Viva
13.2c	At the end of the session the phase III students must be able to discuss the disaster management cycle correctly.	K	KH	Y	Small group discussion	Written/Viva

CM13.3 Describe man made disasters in the world and in India.

13.3a	At the end of the session the phase III students must be able to list the man made disasters in the world correctly.	K	K	Y	lecture	Written/Viva
13.3b	At the end of the session the phase III students must be able to list the man made disasters in India correctly.	K	K	Y	lecture	Written/Viva
13.3c	At the end of the session the phase III students must be able to describe the man made disasters in the world correctly.	K	K	Y	lecture	Written/Viva
13.3d	At the end of the session the phase III students must be able to describe the man made disasters in India correctly.	K	K	Y	lecture	Written/Viva
13.3e	At the end of the session the phase III students must be able to discuss the man made disasters in the world correctly.	K	KH	Y	Small group discussion	Written/Viva

13.3f	At the end of the session the phase III students must be able to discuss the man made disasters in India correctly.	K	KH	Y	Small group discussion	Written/Viva
CM13.4 Describe the details of the National Disaster management Authority.						
13.4a	At the end of the session the phase III students must be able to Describe the details of the National Disaster management Authority correctly.	K	K	Y	lecture	Written/Viva
13.4b	At the end of the session the phase III students must be able to Describe the details of the National Disaster management Authority correctly.	K	KH	Y	Small group discussion	Written/Viva

Topic: Hospital waste management

Number of competencies: (03)

CM14.1 Define and classify hospital waste.

14.1a	At the end of the session the phase III students must be able to Define what is hospital waste correctly.	K	K	Y	lecture	Written/Viva
14.1b	At the end of the session the phase III students must be able to classify the hospital waste correctly.	K	K	Y	lecture	Written/Viva
14.1c	At the end of the session the phase III students must be able to the describe the classification of the hospital waste correctly.	K	K	Y	lecture	Written/Viva
14.1d	At the end of the session the phase III students must be able to the discuss the classification of the hospital waste correctly.	K	KH	Y	Small group discussion	Written/Viva

CM14.2 Describe various methods of treatment of hospital waste.

14.2a	At the end of the session the phase III students must be able to enumerate various methods of treatment of hospital waste correctly.	K	K	Y	lecture	Written/Viva
14.2b	At the end of the session the phase III students must be able to describe various methods of treatment of hospital waste correctly.	K	K	Y	lecture	Written/Viva
14.2c	At the end of the session the phase III students must be able to discuss various methods of treatment of hospital waste correctly.	K	KH	Y	Small group discussion	Written/Viva

CM14.3 Describe laws related to hospital waste management.

14.3a	At the end of the session the phase III students must be able to enumerate various laws related to hospital waste management correctly.	K	K	Y	lecture	Written/Viva
14.3b	At the end of the session the phase III students must be able to Describe various laws related to hospital waste management correctly.	K	K	Y	lecture	Written/Viva
14.3c	At the end of the session the phase III students must be able to discuss various laws related to hospital waste management correctly.	K	KH	Y	Small group discussion	Written/Viva

Topic: Mental Health

Number of competencies: (03)

CM15.1 Define and describe the concept of mental Health.

15.1a	At the end of the session the phase III students must be able to Define the concept of mental Health correctly.	K	K	Y	lecture	Written/Viva
15.1b	At the end of the session the phase III students must be able to Describe the concept of mental Health correctly.	K	K	Y	lecture	Written/Viva
15.1c	At the end of the session the phase III students must be able to Discuss the concept of mental Health correctly.	K	KH	Y	Small group discussion	Written/Viva

CM15.2 Describe warning signals of mental health disorder.

15.2a	At the end of the session the phase III students must be able to Describe warning signals of mental health disorder correctly.	K	K	Y	lecture	Written/Viva
15.2b	At the end of the session the phase III students must be able to Discuss warning signals of mental health disorder correctly.	K	KH	Y	Small group discussion	Written/Viva

CM15.3 Describe National Mental Health program.

15.3a	At the end of the session the phase III students must be able to Describe National Mental Health program correctly.	K	K	Y	lecture	Written/Viva
15.3b	At the end of the session the phase III students must be able to Discuss National Mental Health program correctly.	K	KH	Y	Small group discussion	Written/Viva

Topic: Health planning and management: Number of competencies: (04)

CM16.1	Define and describe the concept of Health planning	K	KH	Y	Small group discussion	Written/Viva
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16.1a	At the end of the session the phase III students must be able to define health planning.	K	KH	Y	Small group discussion	Written/Viva
16.1b	At the end of the session the phase III students must be able to discuss the	K	KH	Y	Small group discussion	Written/Viva
CM16.2	Describe planning cycle.	K	KH	Y	Small group discussion	Written/Viva
16.2a	At the end of the session the phase III students must be able to enumerate the steps in planning cycle accurately.	K	KH	Y	Small group discussion	Written/Viva
16.2b	At the end of the session the phase III students must be able to discuss the steps in planning cycle.	K	KH	Y	Small group discussion	Written/Viva
CM16.3	Describe Health management techniques	K	KH	Y	Small group discussion	Written/Viva
16.3a	At the end of the session the phase III students must be able to describe health management correctly.	K	KH	Y	Small group discussion	Written/Viva
16.3b	At the end of the session the phase III students must be able to discuss important health management techniques correctly.	K	KH	Y	Small group discussion	Written/Viva
CM16.4	Describe health planning in India and National policies related to health and health planning.	K	KH	Y	Small group discussion	Written/Viva
16.4a	At the end of the session the phase III students must be able to enumerate health planning committee in India correctly.	K	KH	Y	Small group discussion	Written/Viva
16.4b	At the end of the session the phase III students must be able to describe salient features of National Health Policy 2017.	K	KH	Y	Small group discussion	Written/Viva
16.4c	At the end of the session the phase III students must be able to discuss Niti Ayog in India correctly.	K	KH	Y	Small group discussion	Written/Viva

Topic: Health care of the communtiy
Number of competencies:(05)

CM17.1	Define and describe the concept of health care to community.	K	KH	Y	Small group discussion	Written/Viva
17.1a	At the end of the session the phase III students must be able to define the the concept of health care in India correctly.	K	KH	Y	Small group discussion	Written/Viva
17.1b	At the end of the session the phase III students must be able to discuss the concept of health care in India correctly.	K	KH	Y	Small group discussion	Written/Viva

CM17.2	Describe community diagnosis	K	KH	Y	Small group discussion	Written/Viva
17.2a	At the end of the session the phase III students must be able to describe community diagnosis correctly.	K	KH	Y	Small group discussion	Written/Viva
CM17.3	Describe primary health care, its components and principles	K	KH	Y	Small group discussion	Written/Viva
17.3a	At the end of the session the phase III students must be able to define primary health care correctly.	K	KH	Y	Small group discussion	Written/Viva
17.3b	At the end of the session the phase III students must be able to discuss the components of primary health care in India correctly.	K	KH	Y	Small group discussion	Written/Viva
17.3c	At the end of the session the phase III students must be able to discuss the principles of primary health care in India accurately.	K	KH	Y	Small group discussion	Written/Viva
CM17.4	Describe National policies related to health and health planning and millennium development goals	K	KH	Y	Small group discussion	Written/Viva
17.4a	At the end of the session the phase III students must be able to discuss health for all correctly.	K	KH	Y	Small group discussion	Written/Viva
17.4b	At the end of the session the phase III students must be able to discuss MDGs.	K	KH	Y	Small group discussion	Written/Viva
17.4c	At the end of the session the phase III students must be able to discuss India from MDGs to SDGs.	K	KH	Y	Small group discussion	Written/Viva
CM17.5	Describe health care delivery in India	K	KH	Y	Small group discussion	Written/Viva
17.5a	At the end of the session the phase III students must be able to describe health care delivery system in India correctly.	K	KH	Y	Small group discussion	Written/Viva
17.5b	At the end of the session the phase III students must be able to discuss concept of health team.	K	KH	Y	Small group discussion	Written/Viva

Topic: International Health: Number of competencies: (2)

CM18.1	Define and describe the concept of International health	K	KH	Y	Small group discussion	Written/Viva
18.1a	At the end of the session the phase III students must be able to define International health correctly.	K	KH	Y	Small group discussion	Written/Viva

18.1b	At the end of the session the phase III students must be able to discuss public health emergencies of international concern correctly.	K	KH	Y	Small group discussion	Written/Viva
18.1c	At the end of the session the phase III students must be able to discuss the concept of international health correctly.	K	KH	Y	Small group discussion	Written/Viva
18.1d	At the end of the session the phase III students must be able to discuss IHR 2005.	K	KH	Y	Small group discussion	Written/Viva
CM18.2	Describe roles of various international health agencies	K	KH	Y	Small group discussion	Written/Viva
18.2a	At the end of the session the phase III students must be able to enumerate international health agencies working in India.	K	KH	Y	Small group discussion	Written/Viva
18.2b	At the end of the session the phase III students must be able to discuss role of important international health agencies.	K	KH	Y	Small group discussion	Written/Viva

Topic: Essential Medicine

Number of competencies: (3)

CM19.1	Define and describe the concept of Essential Medicine List (EML)	K	KH	Y	Small group discussion	Written/Viva
19.1a	At the end of the session the phase III students must be able to define essential drug list correctly.	K	KH	Y	Small group discussion	Written/Viva
19.1b	At the end of the session the phase III students must be able to discuss the concept of essential drug list.	K	KH	Y	Small group discussion	Written/Viva
CM19.2	Describe roles of essential medicine in primary health care	K	KH	Y	Small group discussion	Written/Viva
19.2a	At the end of the session the phase III students must be able to discuss the role of essential medicines in delivering primary health care.	K	KH	Y	Small group discussion	Written/Viva
CM19.3	Describe counterfeit medicine and its prevention	K	KH	Y	Small group discussion	Written/Viva
19.3a	At the end of the session the phase III students must be able to define counterfeit medicines in India.	K	KH	Y	Small group discussion	Written/Viva
19.3b	At the end of the session the phase III students must be able to discuss potential candidates for counterfeit medicines.	K	KH	Y	Small group discussion	Written/Viva

19.3c	At the end of the session the phase III students must be able to discuss prevention of counterfeit medicines.	K	KH	Y	Small group discussion	Written/Viva
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**Topic: Recent advances in
Community Medicine
(04)
Number of competencies:**

CM20.1	List important public health events of last five years	K	KH	Y	Small group discussion	Written/Viva
20.1a	At the end of the session the phase III students must be able to list important public health events in last five years correctly.	K	KH	Y	Small group discussion	Written/Viva
CM20.2	Describe various issues during outbreaks and their prevention	K	KH	Y	Small group discussion	Written/Viva
20.2a	At the end of the session the phase III students must be able to define outbreak correctly.	K	KH	Y	Small group discussion	Written/Viva
20.2b	At the end of the session the phase III students must be able to discuss steps in investigating an outbreak.	K	KH	Y	Small group discussion	Written/Viva
20.2c	At the end of the session the phase III students must be able to draw epidemic curve and interpret it correctly.	K	KH	Y	Small group discussion	Written/Viva
20.2d	At the end of the session the phase III students must be able to draw conclusion regarding causes for outbreak.	K	KH	Y	Small group discussion	Written/Viva
20.2e	At the end of the session the phase III students must be able to advise prevention and control measures for an outbreak.	K	KH	Y	Small group discussion	Written/Viva
CM20.3	Describe any event important to Health of the Community	K	KH	Y	Small group discussion	Written/Viva
20.3a	At the end of the session the phase III students must be able to describe any event important to community.	K	KH	Y	Small group discussion	Written/Viva
CM20.4	Demonstrate awareness about laws pertaining to practice of medicine such as Clinical establishment Act and Human Organ Transplantation Act and its implications	K	KH	Y	Small group discussion	Written/Viva
20.4a	At the end of the session the phase III students must be able to enumerate important public health acts correctly.	K	KH	Y	Small group discussion	Written/Viva
20.4b	At the end of the session the phase III students must be able to discuss important health acts in public health correctly.	K	KH	Y	Small group discussion	Written/Viva