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Competency Table

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/ KH/SH/P	Core Y/N	Suggested teaching learning method	Suggested assessment method	Chapter number
CM1.1	Define and describe the concept of public health	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	1
CM1.2	Define health; describe the concept of holistic health including concept of spiritual health and the relativeness and determinants of health	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	2
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 voce	2
CM1.4	Describe and discuss the natural history of disease	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	2
CM1.5	Describe the application of interventions at various levels of prevention	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	2
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 voce	2, 16
CM1.7	Enumerate and describe health indicators	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	2
CM1.8	Describe the demographic profile of India and discuss its impact on health	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	10
CM1.9	Demonstrate the role of effective communication skills in health in a simulated environment	S	SH	Y	DOAP sessions	Skill Assessment	16
CM1.10	Demonstrate the important aspects of the doctor patient relationship in a simulated environment	S	SH	Y	DOAP sessions	Skill Assessment	16
CM2.1	Describe the steps and perform clinico-socio-cultural and demographic assessment of the individual, family and community	S	SH	Y	Lecture, Small group discussion, DOAP session	Written/Viva voce/Skill assessment	15
CM2.2	Describe the socio-cultural factors, family (types), its role in health and disease and demonstrate in a simulated environment the correct assessment of socio-economic status	S	SH	Y	Lecture, Small group discussion, DOAP session	Written/Viva voce/Skill assessment	15
CM2.3	Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior	S	SH	Y	Lecture, Small group discussion, DOAP session	Written/Viva voce/Skill assessment	15
CM2.4	Describe social psychology, community behavior and community relationship and their impact on health and disease	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	15
CM2.5	Describe poverty and social security measures and its relationship to health and disease	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	15

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/ KH/SH/P	Core Y/N	Suggested teaching learning method	Suggested assessment method	Chapter number
CM3.1	Describe the health hazards of air, water, noise, radiation and pollution	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	14
CM3.2	Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting	K	KH	Y	Lecture, Small group discussion, DOAP session	Written/Viva voce	14
CM3.3	Describe the etiology and basis of water borne diseases/jaundice/hepatitis/diarrheal diseases	K	KH	Y	Lecture, Small group discussion, DOAP session	Written/Viva voce	14
CM3.4	Describe the concept of solid waste, human excreta and sewage disposal	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	14
CM3.5	Describe the standards of housing and the effect of housing on health	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	14
CM3.6	Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne Disease Control Programme	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	14
CM3.7	Identify and describe the identifying features and life cycles of vectors of public health importance and their control measures	S	SH	Y	Lecture, Small group discussion, DOAP session	Written/Viva voce/Skill assessment	14
CM3.8	Describe the mode of action, application cycle of commonly used insecticides and rodenticides	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	14
CM4.1	Describe various methods of health education with their advantages and limitations	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	16
CM4.2	Describe the methods of organizing health promotion and education and counseling activities at individual family and community settings	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	16
CM4.3	Demonstrate and describe the steps in evaluation of health promotion and education program	S	SH	Y	Small group session, DOAP session	Written/Viva voce/Skill assessment	16
CM5.1	Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	13
CM5.2	Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method	S	SH	Y	DOAP sessions	Skill Assessment	13
CM5.3	Define and describe common nutrition related health disorders (including Macro-PEM, Micro-iron, Zn, iodine, Vit. A), their control and management	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	13
CM5.4	Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc., in a simulated environment	S	SH	Y	DOAP sessions	Skill Assessment	13
CM5.5	Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio-cultural factors	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	13

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/ KH/SH/P	Core Y/N	Suggested teaching learning method	Suggested assessment method	Chapter number
CM5.6	Enumerate and discuss the National Nutrition Policy, important National Nutritional Programmes including the Integrated Child Development Services Scheme (ICDS), etc.	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	13
CM5.7	Describe food hygiene	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	13
CM5.8	Describe and discuss the importance and methods of food fortification and effects of additives and adulteration	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	13
CM6.1	Formulate a research question for a study	K	KH	Y	Small group discussion, Lecture, DOAP sessions	Written/Viva voce/Skill assessment	5
CM6.2	Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	S	SH	Y	Small group, Lecture, DOAP sessions	Written/Viva voce/Skill assessment	10
CM6.3	Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	S	SH	Y	Small group discussion, Lecture, DOAP sessions	Written/Viva voce/Skill assessment	20
CM6.4	Enumerate, discuss and demonstrate common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	S	SH	Y	Small group discussion, Lecture, DOAP sessions	Written/Viva voce/Skill assessment	20
CM7.1	Define epidemiology and describe and enumerate the principles, concepts and uses	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	5
CM7.2	Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable and non-communicable diseases	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	5
CM7.3	Enumerate, describe and discuss the sources of epidemiological data	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	5
CM7.4	Define, calculate and interpret morbidity and mortality indicators based on given set of data	S	SH	Y	Small group, DOAP sessions	Written/Skill assessment	2, 5
CM7.5	Enumerate, define, describe and discuss epidemiological study designs	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	5
CM7.6	Enumerate and evaluate the need of screening tests	S	SH	Y	Small group discussion, DOAP sessions	Written/Skill assessment	4
CM7.7	Describe and demonstrate the steps in the investigation of an epidemic of communicable disease and describe the principles of control measures	S	SH	Y	Small group discussion, DOAP sessions	Written/Skill assessment	6
CM7.8	Describe the principles of association, causation and biases in epidemiological studies	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	5
CM8.1	Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	7

Number	COMPETENCY <i>The student should be able to</i>	Domain <i>K/S/A/C</i>	Level K/ <i>KH/SH/P</i>	Core <i>Y/N</i>	Suggested teaching <i>learning method</i>	Suggested <i>assessment</i> <i>method</i>	Chapter <i>number</i>
CM8.2	Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for non-communicable diseases (diabetes, hypertension, stroke, obesity and cancer, etc.)	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	8
CM8.3	Enumerate and describe disease specific National Health Programmes including their prevention and treatment of a case	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	9
CM8.6	Educate and train health workers in disease surveillance, control and treatment and health education	S	SH	Y	DOAP sessions	Skill assessment	2
CM8.7	Describe the principles of management of information systems	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	17
CM9.1	Define and describe the principles of Demography, Demographic cycle, Vital statistics	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	10
CM9.2	Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates	S	SH	Y	Lecture, Small group discussion, DOAP sessions	Skill assessment	10
CM9.3	Enumerate and describe the causes of declining sex ratio and its social and health implications	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	10
CM9.4	Enumerate and describe the causes and consequences of population explosion and population dynamics of India	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	10
CM9.5	Describe the methods of population control	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	11
CM9.6	Describe the National Population Policy	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	11
CM9.7	Enumerate the sources of vital statistics including census, SRS, NFHS, NSSO, etc.	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	10
CM10.1	Describe the current status of reproductive, maternal, newborn and child health	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	9
CM10.2	Enumerate and describe the methods of screening high-risk groups and common health problems	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	4
CM10.3	Describe local customs and practices during pregnancy, childbirth, lactation and child feeding practices	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	9
CM10.4	Describe the reproductive, maternal, newborn and child health (RMCH); child survival and safe motherhood interventions	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	9
CM10.5	Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing programs	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	9
CM10.6	Enumerate and describe various family planning methods, their advantages and shortcomings	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	11

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/ KH/SH/P	Core Y/N	Suggested teaching learning method	Suggested assessment method	Chapter number
CM10.7	Enumerate and describe the basis and principles of the Family Welfare Program including the organization, technical and operational aspects	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	11
CM10.8	Describe the physiology, clinical management and principles of adolescent health including ARSH	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	12
CM10.9	Describe and discuss gender issues and women empowerment	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	15
CM11.1	Enumerate and describe the presenting features of patients with occupational illness including agriculture	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	18
CM11.2	Describe the role, benefits and functioning of the employees state insurance scheme	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	18
CM11.3	Enumerate and describe specific occupational health hazards, their risk factors and preventive measures	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	18
CM11.4	Describe the principles of ergonomics in health preservation	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	18
CM11.5	Describe occupational disorders of health professionals and their prevention and management	K	KH	Y	Small group discussion, Lecture	Written/Viva voce	18
CM12.1	Define and describe the concept of Geriatric services	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	22
CM12.2	Describe health problems of aged population	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	22
CM12.3	Describe the prevention of health problems of aged population	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	22
CM12.4	Describe national program for elderly	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	22
CM13.1	Define and describe the concept of disaster management	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	18
CM13.2	Describe disaster management cycle	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	18
CM13.3	Describe man made disasters in the world and in India	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	18
CM13.4	Describe the details of the National Disaster Management Authority	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	18
CM14.1	Define and classify hospital waste	K	KH	Y	Lecture, Small group discussion, visit to hospital	Written/Viva voce	18
CM14.2	Describe various methods of treatment of hospital waste	K	KH	Y	Lecture, Small group discussion, visit to hospital	Written/Viva voce	18
CM14.3	Describe laws related to hospital waste management	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	18
CM15.1	Define and describe the concept of mental health	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	18
CM15.2	Describe warning signals of mental health disorder	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	18

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/ KH/SH/P	Core Y/N	Suggested teaching learning method	Suggested assessment method	Chapter number
CM15.3	Describe National Mental Health Programme	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	18
CM16.1	Define and describe the concept of health planning	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM16.2	Describe planning cycle	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM16.3	Describe health management techniques	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM16.4	Describe health planning in India and national policies related to health and health planning	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM17.1	Define and describe the concept of health care to community	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM17.2	Describe community diagnosis	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM17.3	Describe primary health care, its components and principles	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM17.4	Describe national policies related to health and health planning and millennium development goals	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM17.5	Describe health care delivery in India	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	17
CM18.1	Define and describe the concept of International health	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	19
CM18.2	Describe roles of various International health agencies	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	19
CM19.1	Define and describe the concept of Essential Medicine List (EML)	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	23
CM19.2	Describe roles of essential medicine in primary health care	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	23
CM19.3	Describe counterfeit medicine and its prevention	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	23
CM20.1	List important public health events of last five years	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	23
CM20.2	Describe various issues during outbreaks and their prevention	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	23
CM 20.3	Describe any event important to health of the community	K	KH	Y	Lecture, Small group discussion	Written/Viva voce	23
CM 20.4	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	Lecture, Small group discussion	Written/Viva voce	23