

**Doctor in Society (DIS) Stream**  
**MODULE 2B (THIRD YEAR - SECOND SEMESTER)**

**Credits: 2.5**

<b>Topic</b>	<b>Objectives</b>	<b>Teaching method/s</b>	<b>Time</b>	<b>Responsible Department</b>
<b>Problem of increasing elderly population</b>	<ul style="list-style-type: none"> <li>➤ Explain the services available at a home for the elderly.</li> <li>➤ Explain the criteria for admission to a home for an elderly.</li> <li>➤ Explain the escalation of the problem faced by the elderly due to decline in fertility and reduction in the family size in the future.</li> </ul>	Lecture	1 hour	Community Medicine
<b>Current problems and future problems in management of the elderly in Sri Lanka</b>	<ul style="list-style-type: none"> <li>➤ Explain the current health, psychological and social problems faced by the elderly.</li> <li>➤ Explain the health services available to the elderly population through MOH and his/ her team</li> </ul>	Lecture	1 hour	Community Medicine
<b>Family Planning</b>	<p>Should be able to discuss the role of family planning in health promotion.</p> <ul style="list-style-type: none"> <li>➤ Should be able to describe what is 'family planning'</li> <li>➤ Should be able to discuss the health benefits of FP on women, children, family and the nation.</li> <li>➤ Should be able to define the terms used in FP. Eg- 'eligible couples', couple protection rate, contraceptive prevalence and replacement fertility.</li> <li>➤ Should be able to categorize the contraceptive methods (eg- modern, traditional, natural/ permanent, temporary) and list the available methods under each category.</li> </ul>	Lecture	3 hours	Community Medicine

	<ul style="list-style-type: none"> <li>➤ Should be able to describe the modes of actions, when and how they should be used, their effectiveness, possible side effects and contraindications of each method.</li> <li>➤ Should be able to work out the suitable method/s of F.P. for a couple/ individual according to their needs and other health related conditions.</li> <li>➤ Should be able to list the methods of emergency contraception and discuss their role</li> <li>➤ Should know what 'unmet need in FP' is and the implications of the unmet need (eg- abortions).</li> <li>➤ Should be able to describe and carry out family planning counseling.</li> </ul>			
<b>Early Childhood Care and development</b>	<p>Should be able to describe the importance and the implications of early childhood care and development (ECCD)</p> <ul style="list-style-type: none"> <li>➤ Should be able to explain the WHO definition of early childhood.</li> <li>➤ Should be able to describe the importance of having an ECCD programme in Sri Lanka</li> <li>➤ Should be able to discuss what young children need for proper physical, mental and psycho-social development</li> <li>➤ Should be able to list the factors which can have negative impacts on ECCD</li> <li>➤ Should be able to discuss the strategies to improve the early childhood development</li> </ul>	Lecture	1 hour	Community Medicine

<b>Adolescent Health</b>	Should be able to describe the health problems of adolescents and the ways of improving their health <ul style="list-style-type: none"> <li>➤ Should be able to describe the WHO definition of an adolescent</li> <li>➤ Should be able to describe the physical, psychological and social changes occurring during the adolescence and their impacts on well-being of an adolescent</li> <li>➤ Should be able to list the factors influencing the healthy development of an adolescent</li> <li>➤ Should be able to discuss the health problems among adolescents. Eg- suicides, accidents, drug abuse, child labour etc.</li> <li>➤ Should be able to discuss the prevention and management of problems among adolescents.</li> </ul>	Preparation for SGD	1 hour	Community Medicine
		SGD	1 hour	
<b>Sexual &amp; Reproductive Health (SRH) in Crises</b>	<ul style="list-style-type: none"> <li>➤ Define an emergency and explain why SRH is important in an emergency</li> <li>➤ Describe the components of the Minimum Initial Service Package (MISP) in crises</li> <li>➤ Know the activities carried out in MISP to ensure SRH</li> <li>➤ Know where to access key tools and resources to support implementation of SRH in crises</li> <li>➤ List the important service components of comprehensive SRH during post crisis</li> </ul>	Lecture	1 hour	Community Medicine
<b>Self Generated learning</b>	Reading & Discussion	SGL	1 hour	Community Medicine
<b>Control of Leprosy</b>	<ul style="list-style-type: none"> <li>➤ They should have the skill to understand epidemiological indications and to assess Leprosy situations at local levels</li> </ul>	Lecture	2 hours	Community Medicine

	<ul style="list-style-type: none"> <li>➤ They should be aware of the information flow of the leprosy data</li> <li>➤ They should be familiar with the drug distribution and monitoring</li> <li>➤ The role of various stake holders in the Dept of Health with regard to Leprosy</li> <li>➤ They should be able to educate the community on basic facts of Leprosy with a view of eliminating stigma associated with leprosy</li> <li>➤ The student should have skill and knowledge to diagnose and manage at the local level</li> </ul>			
<b>Control of Tuberculosis</b>	<ul style="list-style-type: none"> <li>➤ To be aware of the trends in Tuberculosis in the world and epidemiology of Tuberculosis in Sri Lanka</li> <li>➤ Current strategies adopted to control TB in Sri Lanka &amp; the rationale behind them</li> </ul>	Lecture	2 hours	Community Medicine
<b>Control of Filaria</b>	<p>Should know</p> <ul style="list-style-type: none"> <li>➤ Epidemiology of Filaria &amp; Filaria as a public health problem in Sri Lanka</li> <li>➤ Functions of the Filaria Control Programme</li> <li>➤ Current strategies control Filaria in Sri Lanka</li> </ul>	Lecture	2 hours	Community Medicine
<b>Control of Rabies</b>	<ul style="list-style-type: none"> <li>➤ Should be familiar with the modern rabies prevention technique</li> <li>➤ Should be familiar with the strategies and activities conducted in Sri Lanka for prevention of rabies</li> </ul>	Lecture	1 hour	Community Medicine
<b>Control of STI</b>	<p>Should be able to</p> <ul style="list-style-type: none"> <li>➤ Describe the epidemiology of Sexually Transmitted Infections in Sri Lanka</li> </ul>	Lecture	2 hours	Community Medicine

	<ul style="list-style-type: none"> <li>➤ List the function of STI/ HIV control programme in Sri Lanka</li> <li>➤ Describe the current strategies in control of STI/ HIV in Sri Lanka</li> </ul>			
<b>Occupational Health Problems in Sri Lanka &amp; functions of occupational hygiene division</b>	<p>To be able to</p> <ul style="list-style-type: none"> <li>➤ Describe common occupational health problems in Sri Lanka.</li> <li>➤ Functions of occupational hygiene division</li> </ul>	Lecture	2 hours	Community Medicine
<b>Occupational Epidemiology I</b>	<p>Should be able to</p> <ul style="list-style-type: none"> <li>➤ To calculate prevalence and incidence of occupational diseases</li> <li>➤ To interpret exposure assessment</li> <li>➤ To calculate mortality by indirect standardization</li> </ul>	Lecture	1 hour	Community Medicine
<b>Occupational Epidemiology II</b>	<p>Should be able to</p> <ul style="list-style-type: none"> <li>➤ To calculate mortality by direct standardization</li> <li>➤ To work out and apply proportional mortality ratios</li> </ul>	Lecture	1 hour	Community Medicine
<b>Legal aspects in Occupational Health</b>	<ul style="list-style-type: none"> <li>➤ To know the components of the factory ordinance</li> <li>➤ To be aware of new legislature about to be enforced</li> </ul>	Lecture	1 hour	Community Medicine
<b>Disability as a public health problem</b>	<ul style="list-style-type: none"> <li>➤ Must be able to define “Disability”</li> <li>➤ Must be aware of the types of disabilities &amp; prevalence in Sri Lanka</li> <li>➤ Must know the prevailing services for disabled &amp; preventive measures for disability</li> </ul>	Lecture	1 hour	Community Medicine
<b>Exhumation and excavation</b>	<ul style="list-style-type: none"> <li>➤ Differentiate between exhumation and excavation</li> <li>➤ List the people involved in and the procedure in conducting an exhumation</li> <li>➤ List the circumstances under which an exhumation/excavation can be ordered</li> </ul>	Lecture	1 hr	Forensic Medicine

<b>Court procedure and expert testimony in courts</b>	➤ State the types of evidence admissible in courts	Lecture	1hr	Forensic Medicine
	➤ Define the term “ Expert Witness”	Discussion	1hr	
	➤ Differentiate an expert witness from an ordinary witness			
	➤ Explain how a medical officer may be examined in a court of law			
	➤ Discuss the statement that a “ Medical Officers Opinion in the capacity of an expert witness is not conclusive in courts”			
<b>Court Procedure</b>	➤ Simulate the court procedure in a criminal trial	Seminar/ Drama	2hrs	Forensic Medicine
<b>Testimonial capacity, testamentary capacity, fitness to plead and dying declaration</b>	➤ Explain following terms <ul style="list-style-type: none"> <li>- Testamentary capacity</li> <li>- Testimonial Capacity</li> <li>- Fitness to plead</li> <li>- Explain how you would estimate testamentary capacity</li> <li>➤ Define “ dying declaration”and describe the procedure in recording a dying declaration</li> <li>- Discuss the value of a dying declaration</li> <li>- Define “ dying deposition</li> </ul>	Lecture	1 hr	Forensic Medicine
<b>Identification for medico legal purposes</b>	➤ Explain the value of Identification for Medico legal Purpose	Lecture	3 hrs	Forensic Medicine
	➤ Explain circumstances where issue of identification arise			
	➤ List and explain the basis for the method/methods for identification in each of the circumstance above			
	➤ Explain the basis of special techniques used in “Specific Identification” <ul style="list-style-type: none"> <li>- DNA applications in forensic medicine</li> </ul>			

<b>Scene of crime</b>	➤ Describe the role of the medical officer at a scene of crime	Lecture	1 hr	Forensic Medicine
<b>The role of a medicolegal officer at a scene of mass disaster</b>	➤ Discuss the role of a medicolegal officer at a scene of mass disaster	Lecture	1hr	
<b>Trace evidence</b>	<ul style="list-style-type: none"> <li>➤ Describe what is meant by trace evidence</li> <li>➤ Discuss the importance of such in medicolegal practice</li> <li>➤ Identify principles of collection and transport of trace material</li> </ul>	Lecture	1 hr	Forensic Medicine
<b>Medical Negligence</b>	<ul style="list-style-type: none"> <li>➤ Define medical negligence</li> <li>➤ Identify and explain the elements to be proved in negligence</li> <li>➤ Differentiate civil and criminal negligence</li> <li>➤ State and discuss defenses against negligence</li> <li>➤ Explain how negligence can be minimized.</li> </ul>	Lecture	1 hr	Forensic Medicine
<b>Medical Malpractice and illegal medical practice</b>	<ul style="list-style-type: none"> <li>➤ Explain terms Mal practice and illegal medical practice</li> <li>➤ Discuss the impact of such practices</li> <li>➤ Compare and contrast negligence with mal Practice</li> <li>➤ State the guidelines to issue medical certificates (including medical certificates to courts.)</li> </ul>	Lecture	1 hr	Forensic Medicine
<b>Sri Lanka medical council</b>	<ul style="list-style-type: none"> <li>➤ State the composition of the medical council (SLMC)</li> <li>➤ State how members are appointed</li> <li>➤ Explain the role and scope of SLMC</li> <li>➤ Explain how discipline of its members is maintained</li> <li>➤ Identify privileges of a medical practitioner</li> </ul>	Lecture	1 hr	Forensic Medicine

<p><b>Debates on controversial Issues (abortion, euthanasia, death penalty, cloning, HIV/AIDS, Organ transplantation)</b>  <b>E.g. Ought abortion be legalized?</b>  ➤ <b>Euthanasia should be allowed.</b>  ➤ <b>Death Penalty should be abolished. / student seminar(PM examination)</b></p>	<p>Facilitate team work.  Develop arguments  To encourage student centered learning</p>	<p>Debate  guided by  staff</p>	<p>4 hrs</p>	<p>Forensic  Medicine</p>
<p><b>Torture &amp; Deaths in custody</b></p>	<ul style="list-style-type: none"> <li>➤ Define torture</li> <li>➤ List the methods of torture</li> <li>➤ List the clinical features of torture</li> <li>➤ State the causes of death in torture</li> <li>➤ State the medicolegal aspect of torture</li> <li>➤ Describe the especial dissecting techniques</li> <li>➤ Explain the term custody</li> </ul>	<p>Lecture</p>	<p>2 hrs</p>	<p>Forensic  Medicine</p>



**Examination Format (Evaluation at the end of Y3S2)**

<b>Module</b>	<b>Credits</b>	<b>Total duration of examination</b>	<b>SAQ</b>
DIS – Module 2B	2.5	2 Hrs.	6