

## UG CURRICULUM COMPETENCIES

DEPT OF DERMATOLOGY, VENERIOLOGY & LEPROSY

TEERTHANKAER MAHAVEER MEDICAL COLLEGE & RESEARCH CENTER

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
							P		
DR1.1	Enumerate the causative and risk factors of Acne	K	K	Y	Lecture, Small group discussion	Written/ Viva voce			
<b>LEARNING OBJECTIVES</b>									
OBJECTIVE 1	At the end of the session the Phase II student must be able to describe the structure and function of sebaceous glands	K	K	Y	Interactive lecture	MCQ/ Short note			
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss etiopathogenesis of acne	K	K	Y	Interactive lecture	MCQ/ Short note			
OBJECTIVE 3	At the end of the session the Phase II student must be able to enumerate various common predisposing and contributing factors of acne	K	K	Y	Small group discussion	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR1.2	Identify and grade the various common types of acne	S	SH	Y	Beside Clinic	Skill assessment			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to describe clinical features of acne	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to describe various common types of acne	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to describe common grading system used for acne	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to differentiate from similar lesions	K	K	Y	Beside Clinic	MCQ/ Short note			
<b>OBJECTIVE 5</b>	At the end of the session the Phase II student must be able to identify common types of acne	s	SH	Y	Beside Clinic	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/ P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
							P		
DR1.3	Describe the treatment and preventive measures for various kinds of acne	K	K	Y	Lecture, Small group discussion	Written/ Viva voce			
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate the common topical modalities for treatment of acne	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to enumerate the common systemic modalities for treatment of acne	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to enumerate the common physical modalities for treatment of acne and its complications	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to counsel about general preventive measures of acne	A/C	P	Y	Small group discussion	Essay			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
							P		
DR2.1	Identify and differentiate Vitiligo from other causes of hypopigmented lesions	S	S	Y	Bedside clinic	Skill assessment			
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate the common causes of hypopigmented and depigmented lesions of skin	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to describe the clinical features of vitiligo correctly	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to identify vitiligo and should be able to differentiate it from other hypopigmented lesions with the help of bedside tests	S	S	Y	Bedside clinic	MCQ/ Short note			

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DR2.2	Describe the treatment of Vitiligo	K	K	Y	Lecture, Small group discussion	Written/ Viva voce	P		
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to describe various topical treatment modalities of vitiligo	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to discuss various systemic treatment modalities of vitiligo	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to enumerate various surgical treatment modalities of vitiligo	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to counsel about prognostic factors	A/C	P	Y	Small group discussion	Essay			

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DR3.1	Identify and distinguish psoriatic lesions from other causes	K	SH	Y	Bedside Clinic	Skill assessment/ Written/ Viva voice			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate various common papulosquamous disorders of skin	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to describe clinical features of psoriasis correctly	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to identify psoriasis and should be able to differentiate it from other papulosquamous disorders	S	SH	Y	Bedside Clinic	MCQ/ Short note			

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DR3.2	Demonstrate the grattage test	S	SH	Y	Bedside Clinic	Skill assessment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to demonstrate grattage test	S	SH	Y	Bedside Clinic	Case Presentation			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to demonstrate the auspitz sign	S	SH	Y	Bedside Clinic	Case Presentation			

DR3.3		K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			
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### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate the indications for topical treatment in Psoriasis	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to enumerate the indications for systemic treatment in Psoriasis	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to enumerate the indications for phototherapy treatment in Psoriasis	K	K	Y	Interactive lecture	MCQ/ Short note			

<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to describe topical treatment modalities in Psoriasis	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 5</b>	At the end of the session the Phase II student must be able to describe systemic treatment modalities in Psoriasis	K	K	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 6</b>	At the end of the session the Phase II student must be able to describe phototherapy in psoriasis	K	KH	Y	Interactive lecture	MCQ/ Short note			
<b>OBJECTIVE 7</b>	At the end of the session the Phase II student must be able to counsel about prognosis of treatment of Psoriasis	A/C	P	Y	Interactive lecture	Essay			



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DR4.1	Identify and distinguish lichen planus lesions from other causes	S	SH	Y	Bedside clinic	Skill assessment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss the clinical features of lichen planus correctly	K	K	Y	Interactive Lecture	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify lichen planus & should be able to differentiate it from other papulosquamous disorders	S	SH	Y	Bedside clinic	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR4.2	Enumerate and describe the treatment modalities for lichen planus	K	KH	Y	Lecture, Small group  discussion	Written/ Viva voce	P		
<b>LEARNING OBJECTIVES</b>									
OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss topical treatment modalities	K	K	Y	Interactive Lecture	MCQ/ Short note			
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss systemic treatment modalities	K	K	Y	Interactive Lecture	MCQ/ Short note			
OBJECTIVE 3	At the end of the session the Phase II student must be able to counsel about prognosis of treatment in lichen planus	A/C	KH	Y	Small group	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTRGRATION	HORIZONTAL INTEGRATION
DR5.1	Describe the etiology, microbiology, pathogenesis, natural history, clinical features, presentations and complications of scabies in adults and children.	K	KH	Y	Lecture, Small group  discussion	Written/ Viva voce	P		
<b>LEARNING OBJECTIVES</b>									
OBJECTIVE 1	At the end of the session the Phase II student must be able to describe the etiopathogenesis including natural history of scabies	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	
OBJECTIVE 2	At the end of the session the Phase II student must be able to describe the clinical features of scabies in adults & children	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	
OBJECTIVE 3	At the end of the session the Phase II student must be able to enumerate the complications of scabies in adult & children	K	KH	Y	Small group Discussion	MCQ/ Short note		Pediatrics	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR5.2	Identify and differentiate scabies from other lesions in adults and children	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to enumerate the common differential diagnosis of scabies	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	
OBJECTIVE 2	At the end of the session the Phase II student must be able to identify scabies & differentiate it from other similar lesions	S	SH	Y	Bedside clinic	MCQ/ Short note		Pediatrics	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTERGRATION
DR5.3	Enumerate and describe the pharmacology, administration and adverse reaction of pharmacotherapies for scabies	K	KH	Y	Lecture, Small group  discussion	Written/ Viva voce	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss the treatment modalities of scabies	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	Pharmacology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to choose appropriate pharmacotherapies for different age groups	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	Pharmacology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to counsel patient about the correct method of administration of pharmacotherapies of scabies	A/C	KH	Y	Small group	Essay		Pediatrics	Pharmacology
<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to list the adverse reactions of pharmacotherapies of scabies	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	Pharmacology

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DR6.1	Describe the etiology pathogenesis and diagnostic features of pediculosis in adults and children	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	P		
<b>LEARNING OBJECTIVES</b>									
OBJECTIVE 1	At the end of the session the Phase II student must be able to describe the etiopathogenesis of scabies	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	Microbiology
OBJECTIVE 2	At the end of the session the Phase II student must be able to describe clinical features of pediculosis in adults & children	K	KH	Y	Small group discussion	MCQ/ Short note		Pediatrics	Microbiology

**LEARNING OBJECTIVES**

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to list the common differential diagnosis of pediculosis	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & differentiate pediculosis from similar lesions	S	SH	Y	Beside clinic	MCQ/ Short note		Pediatrics	
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to enumerate the common treatment modalities of pediculosis	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/ P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZ ONTAL INTEG RATIO N
DR7.1	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of dermatophytes in adults & children	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss the etiopathogenesis of dermatophyte infection	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	Microbiology
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss various clinical features & types of dermatophyte infection in adults & children	K	K	Y	Interactive Lecture	MCQ/ Short note		Pediatrics	Microbiology
OBJECTIVE 3	At the end of the session the Phase II student must be able to demonstrate fungal hyphae in scrapings & KOH mount	S	KH	Y	Small group discussion	MCQ/ Short note		Pediatrics	Microbiology



NO.	COMPETENCIES	DOMAIN	K/KH/SH/ P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
7.2	Identify Candida species in fungal scrapings and KOH mount	S	SH	Y	DOAP Session	Skill assesment	P		
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to identify fungal hyphae in scrapings & KOH mount	S	SH	Y	Simulations/ OSCE	MCQ/ Short note			Microbiology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to differentiate candida from other dermatophyte infection	K	K	Y	Interactive Lectures	MCQ/ Short note			Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR7.3	Describe the pharmacology and action of antifungal (systemic and topical) agents. Enumerate side effects of antifungal therapy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	P		
<b>LEARNING OBJECTIVES</b>									
OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss in topical treatment modalities	K	K	Y	Interactive Lectures	MCQ/ Short note			Microbiology
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss the systemic treatment modalities	K	K	Y	Interactive Lectures	MCQ/ Short note			Microbiology
OBJECTIVE 3	At the end of the session the Phase II student must be able to enumerate the common side-effects of anti-fungal treatment	K	KH	Y	Small group discussion	MCQ/ Short note			Pharmacology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR8.1	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of common viral infections of the skin in adults and children	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss the etiopathogenesis of common viral infections	K	K	Y	Interactive Lectures	MCQ/ Short note		Pediatrics	Microbiology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to discuss various clinical features of common viral infection of skin of adults & children	K	K	Y	Interactive Lectures	MCQ/ Short note		Pediatrics	Microbiology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to discuss the common investigations for differentiating viral infections from other skin lesions	K	KH	Y	Small group discussion	MCQ/ Short note		Pediatrics	Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR8.2	Identify and distinguish herpes simplex and herpes labialis from other skin lesions	S	SH	Y	DOAP session	Skill assessment	P		
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enlist the common differential diagnosis of Herpes labialis & Herpes simplex	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & distinguish Herpes labialis & Herpes simplex from other skin lesions	S	SH	Y	Observation	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR8.3	Identify and distinguish herpes zoster and varicella from other skin lesions	S	SH	Y	DOAP session	Skill assessment	P		
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enlist the common differential diagnosis of Herpes zoster & Varicella	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & distinguish Herpes zoster & Varicella from other skin lesions	S	SH	Y	Observation	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR8.4	Identify and distinguish viral warts from other skin lesions	S	SH	Y	DOAP session	Skill assessment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enlist the common differential diagnosis of viral warts	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & distinguish viral warts from other skin lesions	S	SH	Y	Observation	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR8.5	Identify and distinguish molluscum contagiosum from other skin lesions	S	SH	Y	DOAP session	Skill assessment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enlist the common differential diagnosis of Molluscum Contagiosum	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & distinguish Molluscum Contagiosum from other skin lesions	S	SH	Y	Observation	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR8.6	Enumerate the indications, describe the procedure and perform a Tzanck smear	S	SH	Y	DOAP session	Skill assessment			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate indications for doing a tzanck smear	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to describe the procedure of tzanck smear	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to perform a tzanck smear	S	SH	Y	Perform	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR8.7	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for common viral illnesses of the skin	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enlist the common anti-viral agents	K	K	Y	Interactive Lectures	MCQ/ Short note			Pharmacology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to describe the pharmacology & administration of common antiviral agents used in viral diseases of skin	K	K	Y	Interactive Lectures	MCQ/ Short note			Pharmacology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to discuss the adverse reactions of common antiviral agents used in viral diseases of skin	K	KH	Y	Small group discussion	MCQ/ Short note			Pharmacology



NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR9.1	Classify, describe the epidemiology, etiology, microbiology, pathogenesis, clinical presentations and diagnostic features of leprosy	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to describe the epidemiology & etiopathogenesis of leprosy	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology community medicine
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to classify leprosy on the basis of WHO & Ridley Jopling classification	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology community medicine
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to discuss the clinical features of different types of leprosy	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology community medicine

<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to differentiate leprosy from other skin disorders	K	KH	Y	Small group discussion	MCO/ Short note		General Medicine	Microbiology community medicine
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DR9.2	Demonstrate (and classify based on) the clinical features of leprosy including an appropriate neurologic examination	S	SH	Y	Bedside Clinic	Bedside Clinic/ Skill assessment			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to identify & classify leprosy	S	K	Y	Bedside Clinic	Bedside Clinic		General Medicine	
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to demonstrate the neurological examination in a patient of leprosy	S	SH	Y	Bedside Clinic	Bedside Clinic		General Medicine	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR9.3	Enumerate the indications and observe the performance of a slit skin smear in patients with leprosy	S	KH	Y	Bedside clinic, DOAP session	Written/ Viva voce			
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate the indications of SSS examination	K	K	Y	Bedside clinic	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to observe the performance of SSS in patients with leprosy	S	KH	Y	Observe	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR9.4	Enumerate, describe and identify lepra reactions and supportive measures and therapy of lepra reactions	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss the different types of lepra reaction	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify lepra reaction in a patient of leprosy	S	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	Pharmacology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to describe the different treatment modalities of lepra reaction	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR9.5	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for various classes of leprosy based on national guidelines	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to list the anti-leprosy drugs & discuss the pharmacology of anti-leprosy drugs	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology community medicine
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to enumerate the common adverse reactions of anti-leprosy drugs	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology community medicine
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to choose appropriate anti-leprosy regime on the basis of National guidelines	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	Pharmacology community medicine

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR9.6	Describe the treatment of Leprosy based on the WHO guidelines	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to describe the treatment of leprosy on the basis of WHO guidelines	K	KH	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology community medicine
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR9.7	Enumerate and describe the complications of leprosy and its management, including understanding disability and stigma	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate & discuss the complications of leprosy	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology psychiatry
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<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to describe the management of common complications of leprosy	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology psychiatry
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to able to define & discuss the various grades of disability	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	Pharmacology psychiatry
<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to counsel & address the stigma associated with leprosy	A/C	KH	Y	Small group discussion	Essay		General Medicine	Pharmacology psychiatry

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.1	Identify and classify syphilis based on the presentation and clinical manifestations	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to define & enumerate the common STI's	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to describe the natural history of scabies	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to classify syphilis on the basis of guidelines given by NACO	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology

<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to identify and classify syphilis .	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology
<b>OBJECTIVE 5</b>	At the end of the session the Phase II student must be able to identify and classify syphilis based on the presentation and clinical manifestations.	S	SH	Y	Bedside clinic	MCQ/ Short note		General Medicine	Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.2	Identify spirochete in a dark ground microscopy	S	SH	Y	DOAP	Skill assessment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss the different serological tests for diagnosis of syphilis	K	K	Y	Interactive Lectures	MCQ/ Short note			Microbiology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify spirochete in a dark ground microscopy	S	SH	Y	Observe	Demonstrate			Microbiology



NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.3	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for syphilis	K	KH	Y	Lecture, Small group discussion	Written /Viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to enumerate the common treatment options for different stages of syphilis	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology Microbiology
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss the pharmacology of pharmacotherapeutics according to NACO guidelines for syphilis	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology Microbiology
OBJECTIVE 3	At the end of the session the Phase II student must be able to discuss the adverse reactions of pharmacotherapeutics for syphilis	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	Pharmacology Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/ P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
10.4	Describe the prevention of congenital syphilis	K	KH	Y	Lecture, Small group discussion	Written/ viva voce	P		
<b>LEARNING OBJECTIVES</b>									
OBJECTIVE 1	At the end of the session the Phase II student must be able to describe the common clinical manifestations of congenital syphilis	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	
OBJECTIVE 2	At the end of the session the Phase II student must be able to describe the different preventive measures of congenital syphilis	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.5	Counsel in a non-judgemental and empathetic manner patients on prevention of sexually transmitted diseases	C	SH	Y	Lecture, Small group discussion	Skill assessment	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss the various preventive measures of STI's	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	
OBJECTIVE 2	At the end of the session the Phase II student must be able to counsel the patients in a non-judgemental & empathetic manner in STI's	C	SH	Y	Small group discussion	MCQ/ Short note		General Medicine	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.6	Describe the etiology, diagnostic and clinical features of nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	K	KH	Y	Lecture, Small group discussion	Written/ viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to describe the etiopathogenesis of other common STI's	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology
OBJECTIVE 2	At the end of the session the Phase II student must be able to describe the clinical features of other common STI's	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology

<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to describe the common diagnostic tests for other STI's	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	Microbiology
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.7	Identify and differentiate based on the clinical features non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	S	SH	Y	Lecture, Small group discussion	Skill assesment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to differentiate between common causes of genital ulcer diseases	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify non-syphilitic STI's	S	SH	Y	Small group discussion	MCQ/ Short note		General Medicine	Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.8	Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	K	KH	Y	Lecture, Small group discussion	Written/ viva voce	P		
<b>LEARNING OBJECTIVES</b>									
OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss the various treatment options for non-syphilitic STI's according to NACO guidelines	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology Microbiology
OBJECTIVE 2	At the end of the session the Phase II student must be able to describe the pharmacology of various drugs used in non-syphilitic STI's	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology Microbiology
OBJECTIVE 3	At the end of the session the Phase II student must be able to describe the adverse reactions of various drugs used in non-syphilitic STI's	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	Pharmacology Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.9	Describe the syndromic approach to ulcerative sexually transmitted diseases	K	KH	Y	Lecture, Small group discussion	Written/ viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to enumerate the various syndromes as per NACO guidelines	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	
OBJECTIVE 2	At the end of the session the Phase II student must be able to describe the syndromic approach for genital ulcers disease	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.10	Describe the etiology, diagnostic and clinical features and management of gonococcal and non gonococcal urethritis	K	KH	Y	Lecture, Small group discussion	Written/ viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss the etiopathogenesis of gonococcal and non gonococcal urethritis	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss the clinical features of gonococcal and non gonococcal urethritis	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	
OBJECTIVE 3	At the end of the session the Phase II student must be able to describe the diagnostic test for gonococcal and non gonococcal urethritis	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	
OBJECTIVE 4	At the end of the session the Phase II student must be able to discuss the management of gonococcal and non gonococcal urethritis	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR10.11	Describe the etiology, diagnostic & clinical features & management of vaginal discharge	K	KH	Y	Lecture, Small group discussion	Written/ viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss the etiopathogenesis of vaginal discharges	K	K	Y	Interactive Lectures	MCQ/ Short note		Obstetrics & Gynecology	
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss the clinical features of vaginal discharge	K	K	Y	Interactive Lectures	MCQ/ Short note		Obstetrics & Gynecology	
OBJECTIVE 3	At the end of the session the Phase II student must be able to describe the diagnostic test for vaginal discharge	K	K	Y	Interactive Lectures	MCQ/ Short note		Obstetrics & Gynecology	
OBJECTIVE 4	At the end of the session the Phase II student must be able to discuss the management of vaginal discharge	K	KH	Y	Small group discussion	MCQ/ Short note		Obstetrics & Gynecology	



NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR11.1	Describe the etiology, pathogenesis and clinical features of the dermatologic manifestations of HIV and its complications including opportunistic infections	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to describe the etiopathogenesis of HIV	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to describe the clinical features & dermatological manifestations of HIV including CDC staging	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Microbiology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to discuss the complications & opportunistic infections associated with HIV	K	KH	Y	Small group discussion	MCQ/ Short note		General Medicine	Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR11.2	Identify and distinguish the dermatologic manifestations of HIV, its complications, opportunistic infections and adverse reactions	S	SH	Y	Bedside Clinic	Skill assessment			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to identify & distinguish HIV from similar lesions	S	SH	Y	Bedside Clinic	MCQ/ Short note		General Medicine	Microbiology
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<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify opportunistic infections of HIV	S	SH	Y	Bedside Clinic	MCQ/ Short note		General Medicine	Microbiology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to identify complications of HIV	S	SH	Y	Bedside Clinic	MCQ/ Short note		General Medicine	Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR11.3	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for dermatologic lesions in HIV	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss indications of initiation of Anti-retroviral therapy on the basis of stage of HIV	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology microbiology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to discuss the pharmacology of common Anti-retroviral drugs including their classification	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology microbiology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to list the common adverse drug reactions of Anti-retroviral drugs including IRIS	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pharmacology microbiology

<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to counsel the patient to be initiated on Anti-retroviral therapy	A/C	KH	Y	Small group discussion	Essay		General Medicine	Pharmacology microbiology
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR12.1	Describe the aetiopathogenesis of eczema	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to describe the etiopathogenesis of eczema	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to discuss the clinical features of eczema	K	KH	Y	Small group discussion	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
VDR12.2	Identify eczema and differentiate it from lichenification and changes of aging	S	SH	Y	Bedside clinic	Skill assessment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to identify & differentiate eczema from other similar skin lesions	S	SH	Y	Bedside clinic	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to define lichenification	K	K	Y	Interactive Lectures	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR12.3	Classify and grade eczema	K	KH	Y	Lecture, Small group discussion	Written/ Viva voice	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to classify eczema	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to grade eczema on the basis of duration	K	KH	Y	Small group discussion	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR12.4	Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the treatment of eczema	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce			
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate pharmacology & indications of common topical drugs used in treatment of eczema	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to discuss pharmacology & indications of common systemic drugs used in treatment of eczema	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to enumerate the common adverse drug reactions associated with the use of common drugs used in treatment of eczema	K	KH	Y	Small group discussion	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR12.5	Define erythroderma. Enumerate and identify the causes of erythroderma. Discuss the treatment	S	KH	Y	Bedside clinic	Written/ Skill assessment			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to define & identify erythroderma	S	KH	Y	Bedside clinic	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to enumerate the causes of erythroderma	K	K	Y	Interactive Lectures	MCQ/ Short note			
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to discuss the treatment of erythroderma	K	K	Y	Interactive Lectures	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY P	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR12.6	Identify and distinguish exfoliative dermatitis from other skin lesions	S	SH	Y	Bedside clinic	Skill assessment			

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to identify & distinguish exfoliative dermatitis from other skin lesions	S	SH	Y	Bedside clinic	MCQ/ Short note			
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR12.7	Identify and distinguish fixed drug eruptions and Steven Johnson syndrome from other skin lesions	S	SH	Y	Bedside clinic	Skill assessment	P		
<b>LEARNING OBJECTIVES</b>									
<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to enumerate the common cutaneous adverse drug reactions	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pathology Microbiology
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to discuss the clinical features of Fixed drug eruptions	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pathology Microbiology
<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to discuss the clinical features of SJS & TEN	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pathology Microbiology
<b>OBJECTIVE 4</b>	At the end of the session the Phase II student must be able to identify & distinguish FDE from other skin lesions	S	SH	Y	Bedside clinic	MCQ/ Short note		General Medicine	Pathology Microbiology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR13.1	Distinguish bulla from vesicles	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to define the primary cutaneous lesions including vesicle & bulla	K	K	Y	Interactive Lectures	MCQ/ Short note			
OBJECTIVE 2	At the end of the session the Phase II student must be able to identify vesicle & bulla	S	SH	Y	Bedside clinic	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR13.2	Demonstrate the Tzanck test, nikolsky sign and bulla spread sign	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to demonstrate tzanck test	S	SH	Y	Bedside clinic	Demonstrate			
OBJECTIVE 2	At the end of the session the Phase II student must be able to demonstrate nikolsky's sign	S	SH	Y	Bedside clinic	Demonstrate			
OBJECTIVE 3	At the end of the session the Phase II student must be able to demonstrate bulla spread sign	S	SH	Y	Bedside clinic	Demonstrate			



NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR13.3	Calculate the body surface area of involvement of vesiculobullous lesions	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to record body surface area with Palm's rule & Rule of 9	S	SH	Y	Bedside clinic	Short note			
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR14.1	Describe the etiology, pathogenesis and clinical precipitating features and classification of Urticaria and angioedema	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to describe etiopathogenesis of urticarial & angioedema	K	K	Y	Interactive Lectures	MCQ/ Short note			Microbiology pathology
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss clinical features of urticarial & angioedema	K	K	Y	Interactive Lectures	MCQ/ Short note			Microbiology pathology

<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to enumerate classification of urticarial & angioedema	K	KH	Y	Small group discussion	MCQ/ Short note			Microbiology pathology
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR14.2	Identify and distinguish urticarial from other skin lesions	S	SH	Y	Bedside clinic	Skill assesment	P		

**LEARNING OBJECTIVES**

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to identify urticarial & differentiate it from other skin lesions	S	SH	Y	Bedside clinic	MCQ/ Short note			
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR14.3	Demonstrate dermatographism	S	SH	Y	Bedside clinic	Skill assessment	P		

**LEARNING OBJECTIVES**

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to demonstare dermatographism	S	SH	Y	Bedside clinic	MCQ/ Short note			
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR14.4	Identify and distinguish angioedema from other skin lesions	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to identify angioedema & differentiate it from other similar skin lesions	S	SH	Y	Bedside clinic	MCQ/ Short note			
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR14.5	Enumerate the indications and describe the pharmacology indications and adverse reactions of drugs used in the urticaria and angioedema	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to enumerate the indications for treatment of urticarial & angioedema	K	K	Y	Interactive Lectures	MCQ/ Short note			Pharmacology
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss the pharmacology of common drugs used in treatment of urticarial & angioedema	K	K	Y	Interactive Lectures	MCQ/ Short note			Pharmacology

<b>OBJECTIVE 3</b>	At the end of the session the Phase II student must be able to discuss the common adverse drug reaction of common drugs used in treatment of urticarial & angioedema	K	KH	Y	Small group discussion	MCQ/ Short note			Pharmacology
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR15.1	Identify and distinguish folliculitis impetigo and carbuncle from other skin lesions	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to identify bacterial skin infections	S	SH	Y	Bedside clinic	MCQ/ Short note			
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & differentiate folliculitis, impetigo & carbuncle from other skin lesions	S	SH	Y	Bedside clinic	MCQ/ Short note			

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR15.2	Identify staphylococcus on a gram stain	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to demonstrate staphylococcus on grams stain	S	SH	Y	Bedside clinic	MCQ/ Short note			Microbiology
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR15.3	Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	P		
<b>LEARNING OBJECTIVES</b>									
OBJECTIVE 1	At the end of the session the Phase II student must be able to enumerate the indications of topical & systemic treatment of pyoderma	K	K	Y	Interactive Lectures	MCQ/ Short note		General Surgery	Microbiology pharmacology
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss the pharmacology of common drugs used in treatment of pyoderma	K	K	Y	Interactive Lectures	MCQ/ Short note		General Surgery	Microbiology pharmacology
OBJECTIVE 3	At the end of the session the Phase II student must be able to discuss the common adverse reactions of common drugs used for treatment of pyoderma	K	KH	Y	Small group Discussion	MCQ/ Short note		General Surgery	Microbiology pharmacology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR15.4	Enumerate the indications for surgical referral	S	KH	Y	DOAP session	Written/ Viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to enumerate the indications for surgical referral	S	KH	Y	Observe	MCQ/ Short note		General Surgery	
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR16.1	Identify and distinguish skin lesions of SLE	S	SH	Y	Bedside clinic	Skill assesment	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to enlist the common collagen vascular disease	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pathology
OBJECTIVE 2	At the end of the session the Phase II student must be able to enumerate the ARA criteria for diagnosis of SLE	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pathology
OBJECTIVE 3	At the end of the session the Phase II student must be able to describe the common cutaneous manifestations of SLE	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pathology
OBJECTIVE 4	At the end of the session the Phase II student must be able to identify & differentiate SLE from other skin lesions	S	SH	Y	Bedside clinic	MCQ/ Short note		General Medicine	Pathology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR16.2	Identify and distinguish Raynaud's phenomenon	S	SH	Y	Bedside clinic	Skill assessment	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to define Raynaud's phenomenon	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pathology
OBJECTIVE 2	At the end of the session the Phase II student must be able to discuss the causes of raynaud's phenomenon	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	Pathology
OBJECTIVE 3	At the end of the session the Phase II student must be able to identify & distinguish raynaud's from other causes	S	SH	Y	Bedside clinic	MCQ/ Short note		General Medicine	Pathology

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR17.1	Enumerate and identify the cutaneous findings in vitamin A deficiency	K/S	SH	Y	Lecture, Small group discussion, Bedside clinic	Skill assessment/ Viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to describe the common clinical features of Vitamin A deficiency	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine Pediatrics Biochemistry	
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<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & differentiate vitamin A deficiency from other skin lesions	S	SH	Y	Bedside clinic	MCQ/ Short note		General Medicine pediatrics Biochemistry	
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/ P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR17.2	Enumerate and describe the various skin changes in Vitamin B complex deficiency	K	KH	Y	lecture	Written/ Viva voce	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss the common clinical features of Vitamin B deficiency	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine pediatrics Biochemistry	
<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & differentiate Vitamin B deficiency from other skin lesions	S	KH	Y	Interactive Lectures	MCQ/ Short note		General Medicine pediatrics Bio chemistry	



NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR17.3	Enumerate and describe the various changes in Vitamin C deficiency	K	KH	Y	lecture	Written/ Viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss the common clinical features of Vitamin C deficiency	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine pediatrics Biochemistry	
OBJECTIVE 2	At the end of the session the Phase II student must be able to identify & differentiate Vitamin C deficiency from other skin lesions	S	KH	Y	Interactive Lectures	MCQ/ Short note		General Medicine pediatrics Biochemistry	

NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR17.4	Enumerate and describe the various changes in Zinc deficiency	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	P		

### LEARNING OBJECTIVES

OBJECTIVE 1	At the end of the session the Phase II student must be able to discuss the common clinical features of Zinc deficiency	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine pediatrics Biochemistry	
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<b>OBJECTIVE 2</b>	At the end of the session the Phase II student must be able to identify & differentiate Zinc deficiency from other skin lesions	S	KH	Y	Small group Discussion	MCQ/ Short note		General Medicine pediatrics Biochemistry	
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR18.1	Enumerate the cutaneous features of Type 2 diabetes	K	K	Y	Lecture, Small group discussion	Written/ Viva voce	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss common cutaneous findings of Type II diabetes	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	
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NO.	COMPETENCIES	DOMAIN	K/KH/SH/P	CORE	TEACHING & LEARNING METHOD	ASSESSMENT METHOD	NUMBER REQUIRED TO CERTIFY	VERTICAL INTEGRATION	HORIZONTAL INTEGRATION
DR18.2	Enumerate the cutaneous features of hypo/hyper-thyroidism	K	K	Y	Lecture/small group discussion	Written/viva voce	P		

### LEARNING OBJECTIVES

<b>OBJECTIVE 1</b>	At the end of the session the Phase II student must be able to discuss common cutaneous findings of hypo/hyper thyroidism	K	K	Y	Interactive Lectures	MCQ/ Short note		General Medicine	
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