## LESSON PLAN FOR EVEN SEM SESSION 2017-18

## NAME OF ASSISTANT /ASSOCIATE PROFESSOR: DR. NEETU GARG

CLASS/SECTION : B.SC I

**SUBJECT: ZOOLOGY (THEORY + PRACTICAL)** 

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	Introduction to phylum Annelida and characteristics of phylum Annelida	Group A: <i>Peripatus</i> , <i>Palaemon</i> (Prawn), <i>Lobster</i> , <i>Cancer</i> (crab), <i>Sacculina</i> , <i>Eupagurus</i> (hermit crab), <i>Lepas</i>
DAY2 DATE 2-1-18	Peculiar features of phylum Annelida and some examples of phylum Annelida	Group A: Balanus, Cyclops, Daphnia, Lepisma, Periplaneta (cockroach), Schistocerca (locust), Poecilocerus (ak-hopper), Gryllus (cricket), Mantis (praying mantis), Cicada, Forficula (earwig), Dragon fly
DAY3 DATE 3-1-18	Biodiversity in Annelids	Group B: Peripatus, Palaemon (Prawn), Lobster, Cancer (crab), Sacculina, Eupagurus (hermit crab), Lepas
DAY4 DATE 4-1-18	-	Group B: Balanus, Cyclops, Daphnia, Lepisma, Periplaneta (cockroach), Schistocerca (locust), Poecilocerus (ak-hopper), Gryllus (cricket), Mantis (praying mantis), Cicada, Forficula (earwig), Dragon fly
DAY5 DATE 5-1-18	-	Group C: Peripatus, Palaemon (Prawn), Lobster, Cancer (crab), Sacculina, Eupagurus (hermit crab), Lepas
DAY6 DATE 6-1-18	-	Group C: Balanus, Cyclops, Daphnia, Lepisma, Periplaneta (cockroach), Schistocerca (locust), Poecilocerus (ak-hopper), Gryllus (cricket), Mantis (praying mantis), Cicada, Forficula (earwig), Dragon fly
DAY7 DATE 8-1-18	General characteristics of Earthworm and circulatory system of Earthworms	Group A: Termite queen, bug, moth, beetle, <i>Polistes</i> (wasp), <i>Apis</i> (honey bee), <i>Bombyx</i> (silk moth),

		Cimex (beg bug)
DAY8	Respiratory and excretory system of	Group A: Pediculus (body louse),
DATE 9-1-18	Earthworms	Millipedes, Scolopendra
		(centipedes), Palamnaeus
		(scorpion), Aranea (spider),
		Limulus (king crab)
DAY9	Nervous system and sense Organs of	Group B: Termite queen, bug,
DATE 10-1-18	Earthworms	moth, beetle, Polistes (wasp), Apis
		(honey bee), <i>Bombyx</i> (silk moth),
		Cimex (beg bug)
DAY10	-	Group B: Pediculus (body louse),
DATE 11-1-18		Millipedes, Scolopendra
		(centipedes), Palamnaeus
		(scorpion), Aranea (spider),
		Limulus (king crab)
DAY11	-	Group C: Termite queen, bug,
DATE 12-1-18		moth, beetle, Polistes (wasp), Apis
		(honey bee), <i>Bombyx</i> (silk moth),
		Cimex (beg bug)
DAY12	-	Group C: Pediculus (body louse),
DATE 13-1-18		Millipedes, Scolopendra
		(centipedes), Palamnaeus
		(scorpion), Aranea (spider),
		Limulus (king crab)
DAY13	Male reproductive system of	Group A: Study of the following
DATE 15-1-18	Earthworms	permanent stained preparation of
		trachea and mouthparts of
		cockroach
DAY 14	Female reproductive system of	Group A: Mytilus, Ostrea,
DATE 16-1-18	Earthworms	Cardium, Pholas, Solen (razor fish)
DAY15	Economic importance of earthworms	Group B: Study of the following
DATE 17-1-18		permanent stained preparation of
		trachea and mouthparts of
		cockroach
DAY16	-	Group B: Mytilus, Ostrea,
DATE 18-1-18		Cardium, Pholas, Solen (razor fish)
DAY17	-	Group C: Study of the following
DATE 19-1-18		permanent stained preparation of
		trachea and mouthparts of
DAVIO		cockroach
DAY18	-	Group C: Mytilus, Ostrea,
DATE 20-1-18	HOLIDAY	Cardium, Pholas, Solen (razor fish)
DAY19	HOLIDAY	HOLIDAY
DATE 22-1-18	CDODTC DAY	CDODTC DAY
DAY20	SPORTS DAY	SPORTS DAY
DATE 23-1-18		

DAY21	HOLIDAY	HOLIDAY
DATE 24-1-18		
DAY22	Metamerism in Annelida	Group B: File completion
DATE 25-1-18	HOLIDAY	TIOLIDAY.
DAY23	HOLIDAY	HOLIDAY
DATE 26-1-18		Crown C. Eile completion
DAY 24 DATE 27-1-18	-	Group C: File completion
UNIT/PART II	TOF	) PIC
	THEORY	PRACTICAL
DAY1	Introduction and definition of phylum	Group A: File completion
DATE 29-1-18	Arthropoda	The state of the s
DAY2	Classification of phylum Arthropoda	Group A: Pecten, Holiotis, Patella,
DATE 30-1-18		Aplysia, Doris, Limax, Loligo,
		Sepia, Octopus, Nautilus (complete
		and T.S.), Chiton and Dentalium
DAY3	HOLIDAY	HOLIDAY
DATE 31-1-18		
DAY4	-	Group B: Pecten, Holiotis, Patella,
DATE 1-2-18		Aplysia, Doris, Limax, Loligo,
		Sepia, Octopus, Nautilus (complete
		and T.S.), Chiton and Dentalium
DAY5	-	Group C: Pecten, Holiotis, Patella,
DATE 2-2-18		Aplysia, Doris, Limax, Loligo,
		Sepia, Octopus, Nautilus (complete
		and T.S.), Chiton and Dentalium
DAY6	-	Group C: File completion
DATE 3-2-18	D' 1' ' A (1 1	
DAY7	Biodiversity in Arthropoda	Group A: Study of the following
DATE 5-2-18		permanent stained preparation of
		Statocyst of Palaemon, Glochidium larva of Anodonta: radula and
		osphradium of Pila
DAY8	Economic importance of Arthropoda	Group A: File completion
DATE 6-2-18	Leonomic importance of Artinopoda	Group A. The completion
DAY9	Type study of Grasshopper	Group B: Study of the following
DATE 7-2-18	Type study of Glusshopper	permanent stained preparation of
DITTE / 2 10		Statocyst of Palaemon, Glochidium
		larva of Anodonta; radula and
		osphradium of Pila
DAY10	-	Group B: File completion
DATE 8-2-18		r
DAY11	<b>ASSIGNMENT 1-</b> Metamerism in	Group C: Study of the following
DATE 9-2-18	Annelida	permanent stained preparation of
		Statocyst of Palaemon, Glochidium
		larva of Anodonta; radula and

	osphradium of Pila	
DAY12 HOL	LIDAY HOLIDAY	
DATE 10-2-18		
DAY13 Respiratory	and Circulatory system of Group A: Asterias, Echinus,	
DATE 12-2-18 grasshopper	Cucumara, Ophiothrix, Antedon	
	and Asterophyton, Balanoglossus	
	The state of the s	
DAY14 HOI	LIDAY HOLIDAY	
DATE 13-2-18		
DAY15 Excretory as	d Nervous system of Group B: Asterias, Echinus,	
DATE 14-2-18 grasshopper	Cucumara, Ophiothrix, Antedon	
	and Asterophyton, Balanoglossus	
DAY16 -	Group B: File completion	
DATE 15-2-18		
DAY17 -	Group C: Asterias, Echinus,	
DATE 16-2-18	Cucumara, Ophiothrix, Antedon	
	and Asterophyton, Balanoglossus	
DAY18 -	Group C: File completion	
DATE 17-2-18		
DAY19 Sense organ	s of grasshopper Group A: Study of the following	
DATE 19-2-18	permanent stained preparations	
	T.S. Star fish (arm), T.S.	
	Balanoglossus (through various	
	regions)	
DAY20 Reproductive	e system of grasshopper Group A: File completion	
DATE 20-2-18		
DAY21 Economic in	nportance of grasshopper Group B: Study of the following	
DATE 21-2-18	permanent stained preparations	
	T.S. Star fish (arm), T.S.	
	Balanoglossus (through various	
	regions)	
DAY22 -	Group B: File completion	
DATE 22-2-18		
DAY23	Group C: Study of the following	
DATE 23-2-18	permanent stained preparations	
	T.S. Star fish (arm), T.S.	
	Balanoglossus (through various	
	regions)	
UNIT/PART III	TOPIC	
	ORY PRACTICAL	
DAY1 -	Group C: File completion	
DATE 24-2-18		
	Heredity and variation Group A: Temporary preparation	
DATE 26-2-18	of Volvox	
DAV2		
DAY3 Principles o DATE 27-2-18	Fheredity and variation Group A: Temporary preparation of Volvox	

DAY4	HOLIDAY	HOLIDAY
DATE 28-2-18		
DAY5	HOLIDAY	HOLIDAY
DATE 1-3-18		
DAY6	HOLIDAY	HOLIDAY
DATE 2-3-18		
DAY7	HOLIDAY	HOLIDAY
DATE 3-3-18		
DAY8	Practice questions for principles of	Group A: Temporary preparation
DATE 5-3-18	heredity and variation	of Paramecium
DAY9	Varieties of gene interactions	Group A: Temporary preparation
DATE 6-3-18		of Paramecium
DAY10	Practice questions for varieties of gene	Group B: Temporary preparation of
DATE 7-3-18	interactions	Volvox
DAY11	-	Group B: Temporary preparation of
DATE 8-3-18		Paramecium
DAY12	-	Group C: Temporary preparation of
DATE 9-3-18		Volvox
DAY13	ASSIGNMENT 2- Economic	Group C: Temporary preparation of
DATE 10-3-18	importance of Insects	Paramecium
DAY 14	Linkage	Group A: Temporary preparation of
DATE 12-3-18		Gemmules of Sycon
DAY15	Crossing over	Group A: Temporary preparation
DATE 13-3-18		of spicules of Sycon
DAY16	Frequency of crossing over	Group B: Temporary preparation of
DATE 14-3-18		Gemmules of Sycon
DAY17	-	Group B: Temporary preparation of
DATE 15-3-18		spicules of Sycon
DAY18	-	Group C: Temporary preparation of
DATE 16-3-18		Gemmules of Sycon
DAY19	-	Group C: Temporary preparation of
DATE 17-3-18		spicules of Sycon
DAY20	Chromosomal mapping	Group A: Temporary preparation
DATE 19-3-18		of mouth parts and trachea of
		Periplanata
DAY21	Practice questions for linkage and	Group A: Preparation of permanent
DATE 20-3-18	crossing over	stained whole mounts of <i>Hydra</i>
DAY22	CONDITIONAL TEST	Group B: Temporary preparation of
DATE 21-3-18		mouth parts and trachea of
		Periplanata
DAY23	CONDITIONAL TEST	Group B: Preparation of permanent
DATE 22-3-18		stained whole mounts of <i>Hydra</i>
DAY 24	HOLIDAY	HOLIDAY
DATE 23-3-18		
DAY 25	-	Group C: Temporary preparation of
DATE 24-3-18		mouth parts and trachea of
DATE 24-3-18		mouth parts and trachea of

		Periplanata
UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 26-3-18	Sex determination and its mechanism	Group A: Preparation of permanent stained whole mounts of <i>Obelia</i>
DAY2 DATE 27-3-18	Heterogametic males	Group A: Preparation of permanent stained whole mounts of Sertularia
DAY3 DATE 28-3-18	Practice questions for Heterogametic males	Group B: Preparation of permanent stained whole mounts of <i>Obelia</i> , <i>Sertularia</i>
DAY4 DATE 29-3-18	HOLIDAY	HOLIDAY
DAY5 DATE 30-3-18	-	Group C: Preparation of permanent stained whole mounts of <i>Hydra</i>
DAY6 DATE 31-3-18	-	Group C: Preparation of permanent stained whole mounts of <i>Obelia</i> , <i>Sertularia</i>
DAY7 DATE 2-4-18	Heterogametic females	Group A: Preparation of permanent stained whole mounts of <i>Plumularia</i>
DAY8 DATE 3-4-18	Practice questions for Heterogametic females	Group A: Preparation of permanent stained whole mounts of <i>Bougainvillea</i>
DAY9 DATE 4-4-18	Genic balance mechanism	Group B: Preparation of permanent stained whole mounts of <i>Plumularia</i>
DAY10 DATE 5-4-18	-	Group B: Preparation of permanent stained whole mounts of <i>Bougainvillea</i>
DAY11 DATE 6-4-18	-	Group C: Preparation of permanent stained whole mounts of <i>Plumularia</i>
DAY12 DATE 7-4-18	-	Group C: Preparation of permanent stained whole mounts of <i>Bougainvillea</i>
DAY13 DATE 9-4-18	Environmental determination of sex	Group A: Preparation of mouth parts of Mosquito, House fly and cockroach
DAY14 DATE 10-4-18	Sex linked inheritance	Group A: Preparation of mouth parts of Mosquito, House fly and cockroach
DAY15 DATE 11-4-18	Examples of x-linked inheritance	Group B: Preparation of mouth parts of Mosquito, House fly and cockroach
DAY16	-	Group B: Preparation of mouth

DATE 12-4-18		parts of Mosquito, House fly and
		cockroach
DAY17	-	Group C: Preparation of mouth
DATE 13-4-18		parts of Mosquito, House fly and
		cockroach
DAY18	HOLIDAY	HOLIDAY
DATE 14-4-18		
DAY19	Sex influenced genes	Group A: Computer, simulated
DATE 16-4-18		study/ model of Earthworm:
		Digestive, reproductive and
		nervous systems
DAY20	Extra-chromosomal and cytoplasmic	Group A:
D11120	Extra emoniosomar ana cytopiasime	010 WP 12.
DATE 17-4-18	inheritance	
	• •	HOLIDAY
DATE 17-4-18	inheritance	•
DATE 17-4-18 DAY21	inheritance	•
DATE 17-4-18  DAY21  DATE 18-4-18	inheritance	HOLIDAY
DATE 17-4-18  DAY21  DATE 18-4-18  DAY22	inheritance	HOLIDAY  Group B: Computer, simulated
DATE 17-4-18  DAY21  DATE 18-4-18  DAY22	inheritance	HOLIDAY  Group B: Computer, simulated study/ model of Earthworm:
DATE 17-4-18  DAY21  DATE 18-4-18  DAY22	inheritance	HOLIDAY  Group B: Computer, simulated study/ model of Earthworm: Digestive, reproductive and
DATE 17-4-18  DAY21  DATE 18-4-18  DAY22  DATE 19-4-18	inheritance	HOLIDAY  Group B: Computer, simulated study/ model of Earthworm: Digestive, reproductive and nervous systems
DATE 17-4-18  DAY21  DATE 18-4-18  DAY22  DATE 19-4-18  DAY23	inheritance	HOLIDAY  Group B: Computer, simulated study/ model of Earthworm: Digestive, reproductive and nervous systems Group C: Computer, simulated
DATE 17-4-18  DAY21  DATE 18-4-18  DAY22  DATE 19-4-18  DAY23	inheritance	HOLIDAY  Group B: Computer, simulated study/ model of Earthworm: Digestive, reproductive and nervous systems  Group C: Computer, simulated study/ model of Earthworm:

NAME OF ASSISTANT PROFESSOR: DR. NEETU GARG

CLASS/SECTION: B.SC III

SUBJECT: ZOOLOGY PRACTICAL A study of the different

types of nets, e.g., cast net, gill net, drift net and drag net

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY4	-	Group B: Chemical analysis of
DATE 4-1-18		pond water and soil for pH,
		dissolved oxygen, free CO <sub>2</sub> ,
		nitrates, phosphates and
		chlorides
DAY5	-	Group C: Chemical analysis of
DATE 5-1-18		pond water and soil for pH,
		dissolved oxygen, free CO <sub>2</sub> ,
		nitrates, phosphates and
		chlorides
DAY6	-	Group C: Chemical analysis of
DATE 6-1-18		pond water and soil for pH,
		dissolved oxygen, free CO <sub>2</sub> ,
		nitrates, phosphates and
		chlorides

DAY10	_	Group B: A study of the
DATE 11-1-18		different types of nets, e.g., cast
		net, gill net, drift net and drag
		net net, and net and arag
DAY11	_	Group C: A study of the
DATE 12-1-18		different types of nets, e.g., cast
		net, gill net, drift net and drag
		net net, difft net and drag
DAY12		Group C: A study of the
DATE 13-1-18	-	different types of nets, e.g., cast
DATE 13-1-10		net, gill net, drift net and drag
		net net, difft het and drag
DAY16		Group B: Adaptative
DATE 18-1-18	-	modifications in feet and breaks
DATE 10-1-10		of birds
DAY17		Group C: Adaptative
DATE 19-1-18	-	modifications in feet and breaks
DATE 17-1-10		of birds
DAY18		Group C: Adaptative
DATE 20-1-18	-	modifications in feet and breaks
DATE 20-1-10		of birds
DAY19	HOLIDAY	HOLIDAY
DATE 22-1-18	HOLIDAT	HOLIDAT
DAY20	SPORTS DAY	SPORTS DAY
DATE 23-1-18	SI OKIS DAI	SI OKIS DAT
DAY21	HOLIDAY	HOLIDAY
DATE 24-1-18		
DAY22	-	Group B: Study of permanent
DATE 25-1-18		slides of WM of chick embryo
		(13-18h, 24-36h, 36-48h, 48-
		72h)
DAY23	HOLIDAY	HOLIDAY
DATE 26-1-18		
DAY 24	-	Group C: Study of permanent
DATE 27-1-18		slides of WM of chick embryo
		(13-18h, 24-36h, 36-48h, 48-
		72h)
UNIT/PART II		TOPIC
	THEORY	PRACTICAL
DAY3	HOLIDAY	HOLIDAY
DATE 31-1-18		
		Group B: Preparation of
DAY4	-	
DAY4 DATE 1-2-18	-	permanent/temporary slides of
	-	
	-	permanent/temporary slides of

DATE 2-2-18		permanent/temporary slides of
		developmental stages of
DAY6		frog/mosquito Group C: Preparation of
DATE 3-2-18	-	Group C: Preparation of permanent/temporary slides of
DATE 3-2-16		developmental stages of
		frog/mosquito
DAY10		Group B: Window preparation
DATE 8-2-18		and identification of stages of
		development in chick egg
DAY11	-	Group C: Window preparation
DATE 9-2-18		and identification of stages of
		development in chick egg
DAY12	HOLIDAY	HOLIDAY
DATE 10-2-18		
DAY14	HOLIDAY	HOLIDAY
DATE 13-2-18		
DAY16	-	Group B: Preparation of
DATE 15-2-18		permanent histological slides of
		testis
DAY17	-	Group C: Preparation of
DATE 16-2-18		permanent histological slides of
		testis
DAY18	-	Group C: Preparation of
DATE 17-2-18		permanent histological slides of
		ovaries
DAY22	-	Group B: Preparation of
DATE 22-2-18		permanent histological slides of
DAYOO		ovaries
DAY23	-	Group C: Preparation of
DATE 23-2-18		permanent histological slides of
UNIT/PART III	Tr	Kidney OPIC
	THEORY	PRACTICAL
DAY1	-	Group C: Preparation of
DATE 24-2-18	-	permanent histological slides of
DITTE 24 2 10		Intestine
DAY4	HOLIDAY	HOLIDAY
DATE 28-2-18		HOELD/11
DAY5	HOLIDAY	HOLIDAY
DATE 1-3-18		
DAY6	HOLIDAY	HOLIDAY
DATE 2-3-18	<b>5</b> _ <b>-</b>	
DAY7	HOLIDAY	HOLIDAY
DATE 3-3-18		- ·-
DAY11	-	Group B: Preparation of

DATE 8-3-18		permanent histological slides of Kidney
DAY12	-	Group C: Group C: Preparation
DATE 9-3-18		of permanent histological slides of liver
DAY13	-	Group C: Group C: Preparation
DATE 10-3-18		of permanent histological slides of liver
DAY17	-	Group B: Group C: Preparation
DATE 15-3-18		of permanent histological slides of Intestine
DAY18	-	Group C: file completion
DATE 16-3-18		
DAY19	-	Group C: File completion
DATE 17-3-18		
DAY23	<del>-</del>	Group B: Preparation of
DATE 22-3-18		permanent histological slides of Liver
DAY 24	HOLIDAY	HOLIDAY
DATE 23-3-18		
DAY 25	-	Group C: Staining
DATE 24-3-18		
UNIT/PART IV		TOPIC
	THEORY	PRACTICAL
DAY4	HOLIDAY	HOLIDAY
DATE 29-3-18		
	_	
DAY5		Group C: Staining
DATE 30-3-18		
DATE 30-3-18 DAY6	-	Group C: Staining  Group C: Staining
DATE 30-3-18 DAY6 DATE 31-3-18	-	Group C: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10	- -	
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18	-	Group C: Staining  Group B: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11	- - -	Group C: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18	- - -	Group C: Staining  Group B: Staining  Group C: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12	- - -	Group C: Staining  Group B: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12  DATE 7-4-18	- - -	Group C: Staining  Group B: Staining  Group C: Staining  Group C: Staining
DATE 30-3-18  DAY6 DATE 31-3-18  DAY10 DATE 5-4-18  DAY11 DATE 6-4-18  DAY12 DATE 7-4-18  DAY16	- - - -	Group C: Staining  Group B: Staining  Group C: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12  DATE 7-4-18  DAY16  DATE 12-4-18	- - - -	Group C: Staining  Group B: Staining  Group C: Staining  Group C: Staining  Group B: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12  DATE 7-4-18  DAY16  DATE 12-4-18  DAY17	- - - -	Group C: Staining  Group B: Staining  Group C: Staining  Group C: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12  DATE 7-4-18  DAY16  DATE 12-4-18  DAY17  DATE 13-4-18	HOLIDAY	Group C: Staining  Group B: Staining  Group C: Staining  Group C: Staining  Group B: Staining  Group C: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12  DATE 7-4-18  DAY16  DATE 12-4-18  DAY17  DATE 13-4-18  DAY18	HOLIDAY	Group C: Staining  Group B: Staining  Group C: Staining  Group C: Staining  Group B: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12  DATE 7-4-18  DAY16  DATE 12-4-18  DAY17  DATE 13-4-18  DAY18  DAY18  DAY18  DATE 14-4-18		Group C: Staining  Group B: Staining  Group C: Staining  Group C: Staining  Group B: Staining  HOLIDAY
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12  DATE 7-4-18  DAY16  DATE 12-4-18  DAY17  DATE 13-4-18  DAY18	HOLIDAY HOLIDAY	Group C: Staining  Group B: Staining  Group C: Staining  Group C: Staining  Group B: Staining  Group C: Staining
DATE 30-3-18  DAY6  DATE 31-3-18  DAY10  DATE 5-4-18  DAY11  DATE 6-4-18  DAY12  DATE 7-4-18  DAY16  DATE 12-4-18  DAY17  DATE 13-4-18  DAY18  DAY18  DAY21		Group C: Staining  Group B: Staining  Group C: Staining  Group C: Staining  Group B: Staining  HOLIDAY

DAY23 DATE 20-4-18	-	Group C: Staining