

**I.B. (PG) COLLEGE, PANIPAT**

**LESSON PLAN (SESSION 2019-20)**

**LESSON PLAN: 19 WEEK (JULY – NOV)**

WEEK	DATE	CLASS B.A. II Subject : Advanced Calculus
1	16-Jul-19	HAWAN & INAUGURATION SESSION 2019-20
	17-Jul-19	TIME-TABLE DISPLAY & DISCUSSION
	18-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT ( <b>SCIENCE</b> )
	19-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT ( <b>COMMERCE</b> )
	20-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT ( <b>ARTS</b> )
	21-Jul-19	<b>SUNDAY</b>
2	22-Jul-19	Basics of Calculus
	23-Jul-19	Basics of Calculus
	24-Jul-19	Basics of Calculus
	25-Jul-19	Continuous Function
	26-Jul-19	Continuous Function
	27-Jul-19	Continuous Function
	28-Jul-19	<b>SUNDAY</b>
3	29-Jul-19	Discontinuity
	30-Jul-19	Discontinuity
	31-Jul-19	<b>SHAHEED UDHAM SINGH MARTYRDOM DAY</b>
	1-Aug-19	Theorms on Continuity
	2-Aug-19	Theorms on Continuity
	3-Aug-19	<b>HARIYALI TEEJ</b>
	4-Aug-19	<b>SUNDAY</b>
4	5-Aug-19	Examples
	6-Aug-19	More Examples
	7-Aug-19	Uniform Continuity
	8-Aug-19	Uniform Continuity
4	9-Aug-19	Derivatives
	10-Aug-19	Darboux theorem
	11-Aug-19	<b>SUNDAY</b>
5	12-Aug-19	<b>ID-UL-ZUHA (BAKR-ID)</b>
	13-Aug-19	Rolles Theorem
	14-Aug-19	Problems on Rolles Theorem
	15-Aug-19	<b>INDEPENDENCE DAY / RAKSHA BANDHAN</b>
	16-Aug-19	Problems on Rolles Theorem
	17-Aug-19	Lagranges Theorem
	18-Aug-19	<b>SUNDAY</b>
6	19-Aug-19	Lagranges Theorem
	20-Aug-19	Cauchy Mean Value Theorem
	21-Aug-19	Cauchy Mean Value Theorem
	22-Aug-19	Taylors Theorem
	23-Aug-19	Taylors Theorem
	24-Aug-19	<b>JANAMASHTMI</b>
	25-Aug-19	<b>SUNDAY</b>
7	26-Aug-19	Problem Discussion
	27-Aug-19	Indeterminate Form
	28-Aug-19	Indeterminate Form
	29-Aug-19	Indeterminate Form
	30-Aug-19	Limit, Continuity o Func. Of Two variables

	31-Aug-19	Limit,Continuity o Func. Of Two variables
	1-Sep-19	<b>SUNDAY</b>
8	2-Sep-19	Limit,Continuity o Func. Of Two variables
	3-Sep-19	Partial Differentiation
	4-Sep-19	Partial Differentiation
	5-Sep-19	Partial Differentiation
8	6-Sep-19	Total Derivative
	7-Sep-19	Total Derivative
	8-Sep-19	<b>SUNDAY</b>
9	9-Sep-19	Homogenous Functions
	10-Sep-19	Homogenous Functions
	11-Sep-19	Homogenous Functions
	12-Sep-19	Total Derivative
	13-Sep-19	Total Derivative
	14-Sep-19	Total Derivative
	15-Sep-19	<b>SUNDAY</b>
10	16-Sep-19	Taylor's Theorem for two variables
	17-Sep-19	Taylor's Theorem for two variables
	18-Sep-19	Problem Discussion
	19-Sep-19	Differentiation of Func.of Two Variable
	20-Sep-19	Differentiation of Func.of Two Variable
	21-Sep-19	Differentiation of Func.of Two Variable
	22-Sep-19	<b>SUNDAY</b>
11	23-Sep-19	<b>SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>
	24-Sep-19	Differentiation of Func.of Two Variable
	25-Sep-19	Differentiation of Func.of Two Variable
	26-Sep-19	Differentiation of Func.of Two Variable
	27-Sep-19	Differentiation of Func.of Two Variable
	28-Sep-19	Problem Discussion
	29-Sep-19	<b>SUNDAY (MAHARAJA AGRASEN JAYANTI)</b>
12	30-Sep-19	Problem Discussion
	1-Oct-19	Test
	2-Oct-19	<b>MAHATMA GANDHI JAYANTI</b>
12	3-Oct-19	Maxima & Minima of Functions
	4-Oct-19	Maxima & Minima of Functions
	5-Oct-19	Maxima & Minima of Functions
	6-Oct-19	<b>SUNDAY</b>
13	7-Oct-19	Maxima & Minima of Functions
	8-Oct-19	<b>DUSSEHRA</b>
	9-Oct-19	Maxima & Minima of Functions
	10-Oct-19	Maxima & Minima of Functions
	11-Oct-19	Problem Discussion
	12-Oct-19	Test
	13-Oct-19	<b>SUNDAY (MAHARISHI VALMIKI JAYANTI)</b>
14	14-Oct-19	Curves in Space
	15-Oct-19	Curves in Space
	16-Oct-19	Curves in Space
	17-Oct-19	<b>KARVA CHAUGH</b>
	18-Oct-19	Curves in Space
	19-Oct-19	Curves in Space

	20-Oct-19	<b>SUNDAY</b>
<b>15</b>	21-Oct-19	Curves in Space
	22-Oct-19	Curves in Space
	23-Oct-19	Curves in Space
	24-Oct-19	<b>VACATION -I (DIWALI)</b>
	25-Oct-19	<b>VACATION -I (DIWALI)</b>
	26-Oct-19	<b>VACATION -I (DIWALI)</b>
	27-Oct-19	<b>SUNDAY (VACATION - I (DIWALI))</b>
<b>16</b>	28-Oct-19	<b>VACATION -I (DIWALI)</b>
	29-Oct-19	<b>VACATION -I (DIWALI)</b>
	30-Oct-19	<b>VACATION -I (DIWALI)</b>
	31-Oct-19	Eqn. of Tangent Plane of The Surface
<b>16</b>	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	Eqn. of Tangent Plane of The Surface
	3-Nov-19	<b>SUNDAY</b>
<b>17</b>	4-Nov-19	Eqn. of Tangent Plane of The Surface
	5-Nov-19	Eqn. of Tangent Plane of The Surface
	6-Nov-19	Curvature,Torsion
	7-Nov-19	Curvature,Torsion
	8-Nov-19	Curvature,Torsion
	9-Nov-19	Circle of curvature and spherical of curvature
	10-Nov-19	<b>SUNDAY</b>
<b>18</b>	11-Nov-19	Circle of curvature and spherical of curvature
	12-Nov-19	Involutes And Evolutes
	13-Nov-19	Continue
	14-Nov-19	Continue
	15-Nov-19	Concept of a Surface and Envelopes
	16-Nov-19	Concept of a Surface and Envelopes
	17-Nov-19	<b>SUNDAY</b>
<b>19</b>	18-Nov-19	Concept of a Surface and Envelopes

**I.B. (PG) COLLEGE, PANIPAT**

**LESSON PLAN (SESSION 2019-20)**

**LESSON PLAN: 19 WEEKS (JULY – NOV)**

WEEK	DATE	CLASS B.Sc. II Course : Diversity of Seed Plants...
1	16-Jul-19	HAWAN & INAUGURATION SESSION 2019-20
	17-Jul-19	TIME-TABLE DISPLAY & DISCUSSION
	18-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(SCIENCE)</b>
	19-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(COMMERCE)</b>
	20-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(ARTS)</b>
	21-Jul-19	<b>SUNDAY</b>
2	22-Jul-19	<b>Seed Plants-Intro</b>
	23-Jul-19	<b>Seed Plants-Intro</b>
	24-Jul-19	<b>Seed Plants-Diversity</b>
	25-Jul-19	
	26-Jul-19	
	27-Jul-19	
	28-Jul-19	<b>SUNDAY</b>
3	29-Jul-19	<b>General Characters-Gymnosperms</b>
	30-Jul-19	<b>General Characters-Gymnosperms</b>
	31-Jul-19	<b>SHAHEED UDHAM SINGH MARTYRDOM DAY</b>
	1-Aug-19	
	2-Aug-19	
	3-Aug-19	<b>HARIYALI TEEJ</b>
	4-Aug-19	<b>SUNDAY</b>
4	5-Aug-19	<b>Classification of Gymnosperms</b>
	6-Aug-19	<b>Classification of Gymnosperms</b>
	7-Aug-19	<b>Geological Time Table</b>
	8-Aug-19	
4	9-Aug-19	
	10-Aug-19	
	11-Aug-19	<b>SUNDAY</b>
5	12-Aug-19	<b>ID-UL-ZUHA (BAKR-ID)</b>
	13-Aug-19	<b>Geological Time Table</b>
	14-Aug-19	<b>Heterospory to Seed Habit</b>
	15-Aug-19	<b>INDEPENDENCE DAY / RAKSHA BANDHAN</b>
	16-Aug-19	
	17-Aug-19	
	18-Aug-19	<b>SUNDAY</b>
6	19-Aug-19	<b>Evolution of Seed Habit</b>
	20-Aug-19	<b>Evolution of Seed Habit</b>
	21-Aug-19	<b>Introduction to Palaeobotany</b>
	22-Aug-19	
	23-Aug-19	
	24-Aug-19	<b>JANAMASHTMI</b>
	25-Aug-19	<b>SUNDAY</b>
7	26-Aug-19	<b>Fossils and Fossilization</b>
	27-Aug-19	<b>Fossilization Theories, Types of Fossils</b>
	28-Aug-19	<b>Study and Importance of Fossils</b>
	29-Aug-19	
	30-Aug-19	

	31-Aug-19	
	1-Sep-19	<b>SUNDAY</b>
<b>8</b>	2-Sep-19	<i>Lygionopteris</i>
	3-Sep-19	<i>Williamsonia</i>
	4-Sep-19	<i>Cycadaeidea</i>
	5-Sep-19	
<b>8</b>	6-Sep-19	
	7-Sep-19	
	8-Sep-19	<b>SUNDAY</b>
<b>9</b>	9-Sep-19	<b>Living Gymnosperms-Introduction</b>
	10-Sep-19	<i>Cycas</i> - Introduction and Morphology
	11-Sep-19	<i>Cycas</i> - Coralloid Roots, Rachis Anatomy
	12-Sep-19	
	13-Sep-19	
	14-Sep-19	
	15-Sep-19	<b>SUNDAY</b>
<b>10</b>	16-Sep-19	<i>Cycas</i> - Reproductive Morphology
	17-Sep-19	<i>Cycas</i> - Male Cone Details
	18-Sep-19	<i>Cycas</i> - Megasporophylls, Male Gametophyte
	19-Sep-19	
	20-Sep-19	
	21-Sep-19	
	22-Sep-19	<b>SUNDAY</b>
<b>11</b>	23-Sep-19	<b>SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>
	24-Sep-19	<i>Cycas</i> - Ovule, Female Gametophyte
	25-Sep-19	<i>Cycas</i> - Female Gametophyte Dev.
	26-Sep-19	<i>Pinus</i> - Introduction and Morphology
	27-Sep-19	
	28-Sep-19	
	29-Sep-19	<b>SUNDAY (MAHARAJA AGRASEN JAYANTI)</b>
<b>12</b>	30-Sep-19	<i>Pinus</i> - Morphology, Shoot types
	1-Oct-19	<b>Class Test</b>
	2-Oct-19	<b>MAHATMA GANDHI JAYANTI</b>
	3-Oct-19	
<b>12</b>	4-Oct-19	
	5-Oct-19	
	6-Oct-19	<b>SUNDAY</b>
<b>13</b>	7-Oct-19	<b>Assignments</b>
	8-Oct-19	<b>DUSSEHRA</b>
	9-Oct-19	<i>Pinus</i> - Anatomy of Needle, Spur
	10-Oct-19	
	11-Oct-19	
	12-Oct-19	
	13-Oct-19	<b>SUNDAY (MAHARISHI VALMIKI JAYANTI)</b>
<b>14</b>	14-Oct-19	<i>Pinus</i> - Reproductive Morphology
	15-Oct-19	<i>Pinus</i> - Male Cone, Male Gametopyte
	16-Oct-19	<i>Pinus</i> - Dev. Female Gametophyte
	17-Oct-19	<b>KARVA CHAETH</b>
	18-Oct-19	
	19-Oct-19	

	20-Oct-19	<b>SUNDAY</b>
15	21-Oct-19	<b>Ephedra- Morphology</b>
	22-Oct-19	<i>Ephedra - Anatomy</i>
	23-Oct-19	<i>Ephedra - Reproduction</i>
	24-Oct-19	<b>VACATION -I (DIWALI)</b>
	25-Oct-19	<b>VACATION -I (DIWALI)</b>
	26-Oct-19	<b>VACATION -I (DIWALI)</b>
	27-Oct-19	<b>SUNDAY (VACATION - I (DIWALI))</b>
16	28-Oct-19	<b>VACATION -I (DIWALI)</b>
	29-Oct-19	<b>VACATION -I (DIWALI)</b>
	30-Oct-19	<b>VACATION -I (DIWALI)</b>
	31-Oct-19	
16	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	
	3-Nov-19	<b>SUNDAY</b>
17	4-Nov-19	<i>Ephedra - Reproduction</i>
	5-Nov-19	<i>Ephedra - Reproduction</i>
	6-Nov-19	<i>Ephedra - Reproduction</i>
	7-Nov-19	
	8-Nov-19	
	9-Nov-19	
	10-Nov-19	<b>SUNDAY</b>
18	11-Nov-19	<b>Guru Nanak Birthday☐</b>
	12-Nov-19	<b>Primitive Angiosperms</b>
	13-Nov-19	<b>Test</b>
	14-Nov-19	
	15-Nov-19	
	16-Nov-19	
	17-Nov-19	<b>SUNDAY</b>
19	18-Nov-19	<b>Test</b>

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**LESSON PLAN (SESSION 2019-20)**

**LESSON PLAN: 19 WEEKS (JULY – NOV)**

WEEK	DATE	CLASS: B.Sc. II Course: Immunology
1	16-Jul-19	HAWAN & INAUGURATION SESSION 2019-20
	17-Jul-19	TIME-TABLE DISPLAY & DISCUSSION
	18-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(SCIENCE)</b>
	19-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(COMMERCE)</b>
	20-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(ARTS)</b>
	21-Jul-19	<b>SUNDAY</b>
2	22-Jul-19	
	23-Jul-19	
	24-Jul-19	
	25-Jul-19	<b>Introduction of Immune System</b>
	26-Jul-19	<b>Immunity</b>
	27-Jul-19	<b>Immunity</b>
28-Jul-19	<b>SUNDAY</b>	
3	29-Jul-19	
	30-Jul-19	
	31-Jul-19	<b>SHAHEED UDHAM SINGH MARTYRDOM DAY</b>
	1-Aug-19	<b>Immunity</b>
	2-Aug-19	<b>Cell of immune system</b>
	3-Aug-19	<b>HARIYALI TEEJ</b>
4-Aug-19	<b>SUNDAY</b>	
4	5-Aug-19	
	6-Aug-19	
	7-Aug-19	
	8-Aug-19	<b>Cell of immune system</b>
4	9-Aug-19	<b>Cell of immune system</b>
	10-Aug-19	<b>Organ of immune system</b>
	11-Aug-19	<b>SUNDAY</b>
5	12-Aug-19	<b>ID-UL-ZUHA (BAKR-ID)</b>
	13-Aug-19	
	14-Aug-19	
	15-Aug-19	<b>INDEPENDENCE DAY / RAKSHA BANDHAN</b>
	16-Aug-19	<b>Organ of immune system</b>
	17-Aug-19	<b>Organ of immune system</b>
18-Aug-19	<b>SUNDAY</b>	
6	19-Aug-19	
	20-Aug-19	
	21-Aug-19	
	22-Aug-19	
	23-Aug-19	
	24-Aug-19	<b>JANAMASHTMI</b>
	25-Aug-19	<b>SUNDAY</b>
7	26-Aug-19	
	27-Aug-19	
	28-Aug-19	
	29-Aug-19	<b>Antigen</b>
	30-Aug-19	<b>Antigen</b>

	31-Aug-19	Antigen
	1-Sep-19	<b>SUNDAY</b>
8	2-Sep-19	
	3-Sep-19	
	4-Sep-19	
	5-Sep-19	Antibody
	6-Sep-19	Antibody
8	7-Sep-19	Antibody
	8-Sep-19	<b>SUNDAY</b>
	9-Sep-19	
9	10-Sep-19	
	11-Sep-19	
	12-Sep-19	Antigen antibody interaction
	13-Sep-19	Antigen antibody interaction
	14-Sep-19	Immune response
	15-Sep-19	<b>SUNDAY</b>
	16-Sep-19	
10	17-Sep-19	
	18-Sep-19	
	19-Sep-19	Immune response
	20-Sep-19	Immune response
	21-Sep-19	Major Histocompatibility Complex
	22-Sep-19	<b>SUNDAY</b>
11	23-Sep-19	<b>SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>
	24-Sep-19	
	25-Sep-19	
	26-Sep-19	Major Histocompatibility Complex
	27-Sep-19	Role of MHC molecules
	28-Sep-19	Role of MHC molecules
	29-Sep-19	<b>SUNDAY (MAHARAJA AGRASEN JAYANTI)</b>
12	30-Sep-19	
	1-Oct-19	
	2-Oct-19	<b>MAHATMA GANDHI JAYANTI</b>
	3-Oct-19	Role of MHC molecules
12	4-Oct-19	Role of MHC molecules
	5-Oct-19	Assignments
	6-Oct-19	<b>SUNDAY</b>
13	7-Oct-19	
	8-Oct-19	<b>DUSSEHRA</b>
	9-Oct-19	
	10-Oct-19	Complement system
	11-Oct-19	Complement system
	12-Oct-19	Complement system
	13-Oct-19	<b>SUNDAY (MAHARISHI VALMIKI JAYANTI)</b>
14	14-Oct-19	
	15-Oct-19	
	16-Oct-19	
	17-Oct-19	<b>KARVA CHAUTH</b>
	18-Oct-19	Hypersensitivity
	19-Oct-19	Hypersensitivity



	20-Oct-19	<b>SUNDAY</b>
<b>15</b>	21-Oct-19	
	22-Oct-19	
	23-Oct-19	
	24-Oct-19	<b>VACATION -I (DIWALI)</b>
	25-Oct-19	<b>VACATION -I (DIWALI)</b>
	26-Oct-19	<b>VACATION -I (DIWALI)</b>
	27-Oct-19	<b>SUNDAY (VACATION - I (DIWALI))</b>
<b>16</b>	28-Oct-19	<b>VACATION -I (DIWALI)</b>
	29-Oct-19	<b>VACATION -I (DIWALI)</b>
	30-Oct-19	<b>VACATION -I (DIWALI)</b>
	31-Oct-19	<b>Hypersensitivity</b>
<b>16</b>	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	<b>Hypersensitivity</b>
	3-Nov-19	<b>SUNDAY</b>
<b>17</b>	4-Nov-19	
	5-Nov-19	
	6-Nov-19	
	7-Nov-19	<b>Vaccine</b>
	8-Nov-19	<b>Vaccine</b>
	9-Nov-19	<b>Vaccine</b>
	10-Nov-19	<b>SUNDAY</b>
<b>18</b>	11-Nov-19	<b>Guru Nanak Birthday</b>
	12-Nov-19	
	13-Nov-19	
	14-Nov-19	<b>Vaccine</b>
	15-Nov-19	<b>Revision</b>
	16-Nov-19	<b>Test</b>
	17-Nov-19	<b>SUNDAY</b>
<b>19</b>	18-Nov-19	

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**LESSON PLAN (SESSION 2019-20)**

**LESSON PLAN: 19 WEEKS (JULY – NOV)**

WEEK	DATE	CLASS B.Sc. II Course: Life and Diversity of Chordates
1	16-Jul-19	HAWAN & INAUGURATION SESSION 2019-20
	17-Jul-19	TIME-TABLE DISPLAY & DISCUSSION
	18-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(SCIENCE)</b>
	19-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(COMMERCE)</b>
	20-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(ARTS)</b>
	21-Jul-19	<b>SUNDAY</b>
2	22-Jul-19	
	23-Jul-19	
	24-Jul-19	
	25-Jul-19	<b>Phylum Chordata origin, Evolution and Classification</b>
	26-Jul-19	<b>Phylum Chordata origin, Evolution and Classification</b>
	27-Jul-19	<b>Phylum Chordata origin, Evolution and Classification</b>
	28-Jul-19	<b>SUNDAY</b>
3	29-Jul-19	
	30-Jul-19	
	31-Jul-19	<b>SHAHEED UDHAM SINGH MARTYRDOM DAY</b>
	1-Aug-19	<b>Phylum Chordata origin, Evolution and Classification</b>
	2-Aug-19	<b>Subphylum Urochordata</b>
	3-Aug-19	<b>HARIYALI TEEJ</b>
	4-Aug-19	<b>SUNDAY</b>
4	5-Aug-19	
	6-Aug-19	
	7-Aug-19	
	8-Aug-19	<b>Subphylum Urochordata</b>
4	9-Aug-19	<b>Subphylum Urochordata</b>
	10-Aug-19	<b>Subphylum Urochordata</b>
	11-Aug-19	<b>SUNDAY</b>
5	12-Aug-19	<b>ID-UL-ZUHA (BAKR-ID)</b>
	13-Aug-19	
	14-Aug-19	
	15-Aug-19	<b>INDEPENDENCE DAY / RAKSHA BANDHAN</b>
	16-Aug-19	<b>Subphylum Urochordata</b>
	17-Aug-19	<b>Subphylum Urochordata</b>
	18-Aug-19	<b>SUNDAY</b>
6	19-Aug-19	
	20-Aug-19	
	21-Aug-19	
	22-Aug-19	<b>Subphylum Cephalochordata</b>
	23-Aug-19	<b>Subphylum Cephalochordata</b>
	24-Aug-19	<b>JANAMASHTMI</b>
	25-Aug-19	<b>SUNDAY</b>
7	26-Aug-19	
	27-Aug-19	
	28-Aug-19	
	29-Aug-19	<b>Subphylum Cephalochordata</b>
	30-Aug-19	<b>Subphylum Cephalochordata</b>

	31-Aug-19	Subphylum Cephalochordata
	1-Sep-19	SUNDAY
8	2-Sep-19	
	3-Sep-19	
	4-Sep-19	
	5-Sep-19	Subphylum Cephalochordata
	6-Sep-19	Subphylum Cephalochordata
8	7-Sep-19	Subphylum Cephalochordata
	8-Sep-19	SUNDAY
	9-Sep-19	
9	10-Sep-19	
	11-Sep-19	
	12-Sep-19	Subphylum Cephalochordata
	13-Sep-19	Subphylum Cephalochordata
	14-Sep-19	Revision test
	15-Sep-19	SUNDAY
	16-Sep-19	
10	17-Sep-19	
	18-Sep-19	
	19-Sep-19	Revision test
	20-Sep-19	Class Chondrichthyes
	21-Sep-19	Class Chondrichthyes
	22-Sep-19	SUNDAY
11	23-Sep-19	SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY
	24-Sep-19	
	25-Sep-19	
	26-Sep-19	Class Osteichthyes
	27-Sep-19	Type study <i>Labeo rohita</i>
	28-Sep-19	Type study <i>Labeo rohita</i>
	29-Sep-19	SUNDAY (MAHARAJA AGRASEN JAYANTI)
12	30-Sep-19	
	1-Oct-19	
	2-Oct-19	MAHATMA GANDHI JAYANTI
	3-Oct-19	Type study <i>Labeo rohita</i>
12	4-Oct-19	Type study <i>Labeo rohita</i>
	5-Oct-19	Type study <i>Labeo rohita</i>
	6-Oct-19	SUNDAY
13	7-Oct-19	
	8-Oct-19	DUSSEHRA
	9-Oct-19	
	10-Oct-19	Type study <i>Labeo rohita</i>
	11-Oct-19	Type study <i>Labeo rohita</i>
	12-Oct-19	Type study <i>Labeo rohita</i>
	13-Oct-19	SUNDAY (MAHARISHI VALMIKI JAYANTI)
14	14-Oct-19	
	15-Oct-19	
	16-Oct-19	
	17-Oct-19	KARVA CHAETH
	18-Oct-19	Assignment
	19-Oct-19	Pisces in General

	20-Oct-19	<b>SUNDAY</b>
<b>15</b>	21-Oct-19	
	22-Oct-19	
	23-Oct-19	
	24-Oct-19	<b>VACATION -I (DIWALI)</b>
	25-Oct-19	<b>VACATION -I (DIWALI)</b>
	26-Oct-19	<b>VACATION -I (DIWALI)</b>
	27-Oct-19	<b>SUNDAY (VACATION - I (DIWALI))</b>
<b>16</b>	28-Oct-19	<b>VACATION -I (DIWALI)</b>
	29-Oct-19	<b>VACATION -I (DIWALI)</b>
	30-Oct-19	<b>VACATION -I (DIWALI)</b>
	31-Oct-19	<b>Pisces in General</b>
<b>16</b>	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	<b>Class Cyclostomata</b>
	3-Nov-19	<b>SUNDAY</b>
<b>17</b>	4-Nov-19	
	5-Nov-19	
	6-Nov-19	
	7-Nov-19	<b>Type study Petromyzon</b>
	8-Nov-19	<b>Type study Petromyzon</b>
	9-Nov-19	<b>Type study Petromyzon</b>
	10-Nov-19	<b>SUNDAY</b>
<b>18</b>	11-Nov-19	<b>Guru Nanak Birthday</b>
	12-Nov-19	
	13-Nov-19	
	14-Nov-19	<b>Type study Petromyzon</b>
	15-Nov-19	<b>Test</b>
	16-Nov-19	<b>Revision</b>
	17-Nov-19	<b>SUNDAY</b>
<b>19</b>	18-Nov-19	

I.B. (PG) COLLEGE, PANIPAT

LESSON PLAN (SESSION 2019-20)

LESSON PLAN: 19 WEEKS (JULY – NOV)

WEEK	DATE	CLASS B.Sc. II Course: Mammalian Physiology 1
1	16-Jul-19	HAWAN & INAUGURATION SESSION 2019-20
	17-Jul-19	TIME-TABLE DISPLAY & DISCUSSION
	18-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT (SCIENCE)
	19-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT (COMMERCE)
	20-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT (ARTS)
	21-Jul-19	SUNDAY
2	22-Jul-19	Biochemistry: Introduction
	23-Jul-19	Biochemistry: Introduction
	24-Jul-19	Carbohydrates
	25-Jul-19	
	26-Jul-19	
	27-Jul-19	
	28-Jul-19	SUNDAY
3	29-Jul-19	Carbohydrates
	30-Jul-19	Carbohydrates
	31-Jul-19	SHAHEED UDHAM SINGH MARTYRDOM DAY
	1-Aug-19	
	2-Aug-19	
	3-Aug-19	HARIYALI TEEJ
	4-Aug-19	SUNDAY
4	5-Aug-19	Carbohydrates
	6-Aug-19	Carbohydrates
	7-Aug-19	Proteins
	8-Aug-19	
4	9-Aug-19	
	10-Aug-19	
	11-Aug-19	SUNDAY
5	12-Aug-19	ID-UL-ZUHA (BAKR-ID)
	13-Aug-19	Proteins
	14-Aug-19	Proteins
	15-Aug-19	INDEPENDENCE DAY / RAKSHA BANDHAN
	16-Aug-19	
	17-Aug-19	
	18-Aug-19	SUNDAY
6	19-Aug-19	Proteins
	20-Aug-19	Lipids
	21-Aug-19	Lipids
	22-Aug-19	
	23-Aug-19	
	24-Aug-19	JANAMASHTMI
	25-Aug-19	SUNDAY
7	26-Aug-19	Lipids
	27-Aug-19	Lipids
	28-Aug-19	Test
	29-Aug-19	
	30-Aug-19	

	31-Aug-19	
	1-Sep-19	<b>SUNDAY</b>
<b>8</b>	2-Sep-19	<b>Enzymes</b>
	3-Sep-19	<b>Enzymes</b>
	4-Sep-19	<b>Enzymes</b>
	5-Sep-19	
<b>8</b>	6-Sep-19	
	7-Sep-19	
	8-Sep-19	<b>SUNDAY</b>
<b>9</b>	9-Sep-19	<b>Enzymes</b>
	10-Sep-19	<b>Enzymes</b>
	11-Sep-19	<b>Assignments</b>
	12-Sep-19	
	13-Sep-19	
	14-Sep-19	
	15-Sep-19	<b>SUNDAY</b>
<b>10</b>	16-Sep-19	<b>Biophysics</b>
	17-Sep-19	<b>Biophysics</b>
	18-Sep-19	<b>Biophysics</b>
	19-Sep-19	
	20-Sep-19	
	21-Sep-19	
	22-Sep-19	<b>SUNDAY</b>
<b>11</b>	23-Sep-19	<b>SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>
	24-Sep-19	<b>Biophysics</b>
	25-Sep-19	<b>Nutrition</b>
	26-Sep-19	
	27-Sep-19	
	28-Sep-19	
	29-Sep-19	<b>SUNDAY (MAHARAJA AGRASEN JAYANTI)</b>
<b>12</b>	30-Sep-19	<b>Nutrition</b>
	1-Oct-19	<b>Nutrition</b>
	2-Oct-19	<b>MAHATMA GANDHI JAYANTI</b>
	3-Oct-19	
<b>12</b>	4-Oct-19	
	5-Oct-19	
	6-Oct-19	<b>SUNDAY</b>
<b>13</b>	7-Oct-19	<b>Nutrition</b>
	8-Oct-19	<b>DUSSEHRA</b>
	9-Oct-19	<b>Nutrition</b>
	10-Oct-19	
	11-Oct-19	
	12-Oct-19	
	13-Oct-19	<b>SUNDAY (MAHARISHI VALMIKI JAYANTI)</b>
<b>14</b>	14-Oct-19	<b>Nutrition</b>
	15-Oct-19	<b>Muscle physiology</b>
	16-Oct-19	<b>Muscle physiology</b>
	17-Oct-19	<b>KARVA CHAUGH</b>
	18-Oct-19	
	19-Oct-19	

	20-Oct-19	<b>SUNDAY</b>
<b>15</b>	21-Oct-19	<b>Muscle physiology</b>
	22-Oct-19	<b>Muscle physiology</b>
	23-Oct-19	<b>Muscle physiology</b>
	24-Oct-19	<b>VACATION -I (DIWALI)</b>
	25-Oct-19	<b>VACATION -I (DIWALI)</b>
	26-Oct-19	<b>VACATION -I (DIWALI)</b>
	27-Oct-19	<b>SUNDAY (VACATION - I (DIWALI))</b>
<b>16</b>	28-Oct-19	<b>VACATION -I (DIWALI)</b>
	29-Oct-19	<b>VACATION -I (DIWALI)</b>
	30-Oct-19	<b>VACATION -I (DIWALI)</b>
	31-Oct-19	
<b>16</b>	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	
	3-Nov-19	<b>SUNDAY</b>
<b>17</b>	4-Nov-19	<b>Bone and its Disorder</b>
	5-Nov-19	<b>Bone and its Disorder</b>
	6-Nov-19	<b>Bone and its Disorder</b>
	7-Nov-19	
	8-Nov-19	
	9-Nov-19	
	10-Nov-19	<b>SUNDAY</b>
<b>18</b>	11-Nov-19	<b>Guru Nanak Birthday</b>
	12-Nov-19	<b>Revision</b>
	13-Nov-19	<b>Revision</b>
	14-Nov-19	
	15-Nov-19	
	16-Nov-19	
	17-Nov-19	<b>SUNDAY</b>
<b>19</b>	18-Nov-19	<b>Revision</b>

**I.B. (PG) COLLEGE, PANIPAT**

**LESSON PLAN (SESSION 2019-20)**

**LESSON PLAN: 19 WEEKS (JULY – NOV)**

WEEK	DATE	CLASS: B. Sc. II Subject: Molecular Biology
1	16-Jul-19	HAWAN & INAUGURATION SESSION 2019-20
	17-Jul-19	TIME-TABLE DISPLAY & DISCUSSION
	18-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT (SCIENCE)
	19-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT (COMMERCE)
	20-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT (ARTS)
	21-Jul-19	SUNDAY
2	22-Jul-19	Introduction to molecular aspects of life
	23-Jul-19	DNA as the genetic material
	24-Jul-19	Nucleic acids
	25-Jul-19	
	26-Jul-19	
	27-Jul-19	
	28-Jul-19	SUNDAY
3	29-Jul-19	Nucleic acids
	30-Jul-19	Nucleic acids
	31-Jul-19	SHAHEED UDHAM SINGH MARTYRDOM DAY
	1-Aug-19	
	2-Aug-19	
	3-Aug-19	HARIYALI TEEJ
	4-Aug-19	SUNDAY
4	5-Aug-19	Nucleic acids
	6-Aug-19	Organization of Genomes
	7-Aug-19	Organization of Genomes
	8-Aug-19	
4	9-Aug-19	
	10-Aug-19	
	11-Aug-19	SUNDAY
5	12-Aug-19	ID-UL-ZUHA (BAKR-ID)
	13-Aug-19	Eukaryotic genomes
	14-Aug-19	Eukaryotic genomes
	15-Aug-19	INDEPENDENCE DAY / RAKSHA BANDHAN
	16-Aug-19	
	17-Aug-19	
	18-Aug-19	SUNDAY
6	19-Aug-19	Euchromatin, heterochromatin
	20-Aug-19	Euchromatin, heterochromatin
	21-Aug-19	Chromatin structure (nucleosome)
	22-Aug-19	
	23-Aug-19	
	24-Aug-19	JANAMASHTMI
	25-Aug-19	SUNDAY
7	26-Aug-19	Chromatin structure (nucleosome)
	27-Aug-19	Insertion elements & transposons
	28-Aug-19	Insertion elements & transposons
	29-Aug-19	
	30-Aug-19	
	31-Aug-19	
	1-Sep-19	SUNDAY
8	2-Sep-19	Extra chromosomal DNA
	3-Sep-19	DNA Replication



°	4-Sep-19	DNA Replication
	5-Sep-19	
8	6-Sep-19	
	7-Sep-19	
	8-Sep-19	<b>SUNDAY</b>
9	9-Sep-19	Assingment
	10-Sep-19	DNA Replication
	11-Sep-19	DNA damage and repair
	12-Sep-19	
	13-Sep-19	
	14-Sep-19	
	15-Sep-19	<b>SUNDAY</b>
10	16-Sep-19	DNA damage and repair
	17-Sep-19	DNA damage and repair
	18-Sep-19	Genetic Code
	19-Sep-19	
	20-Sep-19	
	21-Sep-19	
	22-Sep-19	<b>SUNDAY</b>
11	23-Sep-19	<b>SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>
	24-Sep-19	Genetic Code
	25-Sep-19	Transcription in prokaryots
	26-Sep-19	Transcription in prokaryots
	27-Sep-19	
	28-Sep-19	
	29-Sep-19	<b>SUNDAY (MAHARAJA AGRASEN JAYANTI)</b>
12	30-Sep-19	Transcription in prokaryots
	1-Oct-19	Transcription in Eukaryots
	2-Oct-19	<b>MAHATMA GANDHI JAYANTI</b>
	3-Oct-19	
12	4-Oct-19	
	5-Oct-19	
	6-Oct-19	<b>SUNDAY</b>
13	7-Oct-19	Transcription in Eukaryots
	8-Oct-19	<b>DUSSEHRA</b>
	9-Oct-19	Translation/Protein synthesis
	10-Oct-19	
	11-Oct-19	
	12-Oct-19	
	13-Oct-19	<b>SUNDAY (MAHARISHI VALMIKI JAYANTI)</b>
14	14-Oct-19	Translation/Protein synthesis
	15-Oct-19	Translation/Protein synthesis
	16-Oct-19	Translation/Protein synthesis
	17-Oct-19	<b>KARVA CHAUGH</b>
	18-Oct-19	
	19-Oct-19	
	20-Oct-19	<b>SUNDAY</b>
15	21-Oct-19	Regulation of Gene Expression
	22-Oct-19	Regulation of Gene Expression
	23-Oct-19	Regulation of Gene Expression
	24-Oct-19	<b>VACATION -I (DIWALI)</b>
	25-Oct-19	<b>VACATION -I (DIWALI)</b>
	26-Oct-19	<b>VACATION -I (DIWALI)</b>
	27-Oct-19	<b>SUNDAY (VACATION - I (DIWALI))</b>

<b>16</b>	28-Oct-19	<b>VACATION -I (DIWALI)</b>
	29-Oct-19	<b>VACATION -I (DIWALI)</b>
	30-Oct-19	<b>VACATION -I (DIWALI)</b>
	31-Oct-19	
<b>16</b>	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	
	3-Nov-19	<b>SUNDAY</b>
<b>17</b>	4-Nov-19	<b>Molecular mechanisms of DNA</b>
	5-Nov-19	<b>Molecular mechanisms of DNA</b>
	6-Nov-19	<b>Molecular mechanisms of DNA</b>
	7-Nov-19	
	8-Nov-19	
	9-Nov-19	
	10-Nov-19	<b>SUNDAY</b>
<b>18</b>	11-Nov-19	<b>Guru Nanak Birthday</b>
	12-Nov-19	<b>Test</b>
	13-Nov-19	<b>Test</b>
	14-Nov-19	
	15-Nov-19	
	16-Nov-19	
	17-Nov-19	<b>SUNDAY</b>
<b>19</b>	18-Nov-19	<b>Test</b>

**I.B. (PG) COLLEGE, PANIPAT**

**LESSON PLAN (SESSION 2019-20)**

**LESSON PLAN: 19 WEEK (JULY – NOV)**

WEEK	DATE	CLASS= B.A. II Subject :- Partial Differential Equations
1	16-Jul-19	HAWAN & INAUGURATION SESSION 2019-20
	17-Jul-19	TIME-TABLE DISPLAY & DISCUSSION
	18-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(SCIENCE)</b>
	19-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(COMMERCE)</b>
	20-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT <b>(ARTS)</b>
	21-Jul-19	<b>SUNDAY</b>
2	22-Jul-19	Partial Diff.Equation and their Formation
	23-Jul-19	Continue
	24-Jul-19	Order and Degree of p.d.e
	25-Jul-19	Some important definition
	26-Jul-19	Elimination of constant to obtain p.d.e
	27-Jul-19	Continue
	28-Jul-19	<b>SUNDAY</b>
3	29-Jul-19	First order linear P.D.E
	30-Jul-19	Continue
	31-Jul-19	<b>SHAHEED UDHAM SINGH MARTYRDOM DAY</b>
	1-Aug-19	Elimination of arbitrary function to obtain p.d.e
	2-Aug-19	Continue
	3-Aug-19	<b>HARIYALI TEEJ</b>
	4-Aug-19	<b>SUNDAY</b>
4	5-Aug-19	Various situation in formation of p.d.e
	6-Aug-19	Problems discussion
	7-Aug-19	Test
	8-Aug-19	Test discussion
4	9-Aug-19	Linear P.D.E Of first order
	10-Aug-19	Solution of differential equation
	11-Aug-19	<b>SUNDAY</b>
5	12-Aug-19	<b>ID-UL-ZUHA (BAKR-ID)</b>
	13-Aug-19	Solution by direct integration
	14-Aug-19	Continue
	15-Aug-19	<b>INDEPENDENCE DAY / RAKSHA BANDHAN</b>
	16-Aug-19	Solution of lagrange equation
	17-Aug-19	Continue
	18-Aug-19	<b>SUNDAY</b>
6	19-Aug-19	Non linear partial differential equation
	20-Aug-19	Charpit method
	21-Aug-19	Jacobis method
	22-Aug-19	Test
	23-Aug-19	Test discussion
	24-Aug-19	<b>JANAMASHTMI</b>
	25-Aug-19	<b>SUNDAY</b>
7	26-Aug-19	Linear P.D.E Of 2nd and higher order
	27-Aug-19	General linear partial differential equation
	28-Aug-19	linear homogenous partial differential equation
	29-Aug-19	Continue
	30-Aug-19	Solution of homogenous p.d.e.with constant coefficient

	31-Aug-19	Method of finding c.f,particular integral
	1-Sep-19	<b>SUNDAY</b>
8	2-Sep-19	Different method for finding p.i
	3-Sep-19	General method for finding P.I
	4-Sep-19	Continue
	5-Sep-19	Problem discussion
8	6-Sep-19	Non.Homogeneous L.P.D.E with const.coff.
	7-Sep-19	continue
	8-Sep-19	<b>SUNDAY</b>
9	9-Sep-19	Non.Homogeneous L.P.D.E with const.coff.
	10-Sep-19	Method of finding c.f,with constant coeff.
	11-Sep-19	Working rule to find c.f.for reducible non homogenous
	12-Sep-19	Working rule to find c.f.for irreducible non homogenous
	13-Sep-19	General solution of non homogenous
	14-Sep-19	Method of finding P.I.
	15-Sep-19	<b>SUNDAY</b>
10	16-Sep-19	Continue
	17-Sep-19	test
	18-Sep-19	test discussion
	19-Sep-19	Classification of Linear P.D.E
	20-Sep-19	Type of equation
	21-Sep-19	Reduction to canonical form
	22-Sep-19	<b>SUNDAY</b>
11	23-Sep-19	<b>SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>
	24-Sep-19	Reducing a hyperbolic equation to canonical form
	25-Sep-19	Continue
	26-Sep-19	Reducing a parabolic equation to canonical form
	27-Sep-19	Continue
	28-Sep-19	Reducing a elliptic equation to canonical form
	29-Sep-19	<b>SUNDAY (MAHARAJA AGRASEN JAYANTI)</b>
12	30-Sep-19	Continue
	1-Oct-19	problem discussion
	2-Oct-19	<b>MAHATMA GANDHI JAYANTI</b>
	3-Oct-19	<b>conditional test 1</b>
12	4-Oct-19	Solution of Linear Hyperbolic Equations
	5-Oct-19	Riemann Method of Solution of General Linear Hyperbolic equation
	6-Oct-19	<b>SUNDAY</b>
13	7-Oct-19	Riemann Method of Solution of General Linear Hyperbolic equation
	8-Oct-19	<b>Riemann Method of Solution of General Linear Hyperbolic equation</b>
	9-Oct-19	Riemann Method of Solution of General Linear Hyperbolic equation
	10-Oct-19	Riemann Method of Solution of General Linear Hyperbolic equation
	11-Oct-19	Problm discussion
	12-Oct-19	Test
	13-Oct-19	<b>SUNDAY (MAHARISHI VALMIKI JAYANTI)</b>
14	14-Oct-19	test discussion
	15-Oct-19	Monge Method
	16-Oct-19	Monge Method
	17-Oct-19	<b>KARVA CHAUGH</b>
	18-Oct-19	Monge Method
	19-Oct-19	Monge Method For Integrating The Equation

	20-Oct-19	<b>SUNDAY</b>
<b>15</b>	21-Oct-19	Monge Method For Integrating The Equation
	22-Oct-19	Monge Method For Integrating The Equation
	23-Oct-19	Test
	24-Oct-19	<b>VACATION -I (DIWALI)</b>
	25-Oct-19	<b>VACATION -I (DIWALI)</b>
	26-Oct-19	<b>VACATION -I (DIWALI)</b>
	27-Oct-19	<b>SUNDAY (VACATION - I (DIWALI))</b>
<b>16</b>	28-Oct-19	<b>VACATION -I (DIWALI)</b>
	29-Oct-19	<b>VACATION -I (DIWALI)</b>
	30-Oct-19	<b>VACATION -I (DIWALI)</b>
	31-Oct-19	Characterstic Eqn.and Cauchy problem
<b>16</b>	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	Characterstic Eqn.and Cauchy problem
	3-Nov-19	<b>SUNDAY</b>
<b>17</b>	4-Nov-19	Cauchy problem For Second Order
	5-Nov-19	Cauchy problem For Second Order
	6-Nov-19	Cauchy problem For Second Order
	7-Nov-19	Test
	8-Nov-19	Method of separation of wave equation
	9-Nov-19	Method of separation of wave equation
	10-Nov-19	<b>SUNDAY</b>
<b>18</b>	11-Nov-19	Method of separation of wave equation
	12-Nov-19	Method of separation of Heat Equation
	13-Nov-19	Method of separation of Heat Equation
	14-Nov-19	Method of separation of Laplace Equation
	15-Nov-19	Method of separation of Laplace Equation
	16-Nov-19	Test
	17-Nov-19	<b>SUNDAY</b>
<b>19</b>	18-Nov-19	Problem discussion

**I.B. (PG) COLLEGE, PANIPAT**

**LESSON PLAN (SESSION 2019-20)**

**LESSON PLAN: 19 WEEKS (JULY – NOV)**

WEEK	DATE	CLASS - B.Sc. II Course: Plant Anatomy
1	22-Jul-19	
	23-Jul-19	
	24-Jul-19	
	25-Jul-19	Diversity in plant forms-annuals, biennials and perennials.
	26-Jul-19	Diversity in plant forms-annuals, biennials and perennials.
	27-Jul-19	Tissues-meristematic and permanent (simple and complex).
	28-Jul-19	<b>SUNDAY</b>
2	29-Jul-19	
	30-Jul-19	
	31-Jul-19	<b>SHAHEED UDHAM SINGH MARTYRDOM DAY</b>
	1-Aug-19	Tissues-meristematic and permanent (simple and complex).
	2-Aug-19	Tissues-meristematic and permanent (simple and complex).
	3-Aug-19	<b>HARIYALI TEEJ</b>
	4-Aug-19	<b>SUNDAY</b>
3	5-Aug-19	
	6-Aug-19	
	7-Aug-19	
	8-Aug-19	Tissues-meristematic and permanent (simple and complex).
	9-Aug-19	The Shoot system-shoot apical meristem and its histological organizations
	10-Aug-19	The Shoot system-shoot apical meristem and its histological organizations
	11-Aug-19	<b>SUNDAY</b>
4	12-Aug-19	<b>ID-UL-ZUHA (BAKR-ID)</b>
	13-Aug-19	
	14-Aug-19	
	15-Aug-19	<b>INDEPENDENCE DAY / RAKSHA BANDHAN</b>
	16-Aug-19	Structure of Dicot Stem
	17-Aug-19	Structure of Dicot Stem
	18-Aug-19	<b>SUNDAY</b>
5	19-Aug-19	
	20-Aug-19	
	21-Aug-19	
	22-Aug-19	Monocot Stem Structure
	23-Aug-19	Cambium-structure and functions.
	24-Aug-19	<b>JANAMASHTMI</b>
	25-Aug-19	<b>SUNDAY</b>
6	26-Aug-19	
	27-Aug-19	
	28-Aug-19	
	29-Aug-19	Cambium-structure and functions.
	30-Aug-19	Class Test
	31-Aug-19	Secondary growth in dicot stem
	1-Sep-19	<b>SUNDAY</b>
7	2-Sep-19	
	3-Sep-19	
	4-Sep-19	
	5-Sep-19	Characteristics of growth rings
	6-Sep-19	Sap wood and heart wood, periderm
	7-Sep-19	Sap wood and heart wood, periderm
	8-Sep-19	<b>SUNDAY</b>
	9-Sep-19	
	10-Sep-19	
	11-Sep-19	

8	12-Sep-19	Sap wood and heart wood, periderm
	13-Sep-19	Anomalous secondary growth- Dracaena
	14-Sep-19	Anomalous secondary growth- Boerhaavia
	15-Sep-19	<b>SUNDAY</b>
9	16-Sep-19	
	17-Sep-19	
	18-Sep-19	
	19-Sep-19	Anomalous secondary growth- Achyranthes
	20-Sep-19	Leaf-Types of leaves (simple and compound); phyllotaxy
	21-Sep-19	Leaf-Types of leaves (simple and compound); phyllotaxy
	22-Sep-19	<b>SUNDAY</b>
10	23-Sep-19	<b>SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>
	24-Sep-19	
	25-Sep-19	
	26-Sep-19	Leaf-Types of leaves (simple and compound); phyllotaxy
	27-Sep-19	Class Test
	28-Sep-19	Epidermis-uniseriate and multiseriate
	29-Sep-19	<b>SUNDAY (MAHARAJA AGRASEN JAYANTI)</b>
11	30-Sep-19	
	1-Oct-19	
	2-Oct-19	<b>MAHATMA GANDHI JAYANTI</b>
	3-Oct-19	Epidermal appendages and their morphological types
	4-Oct-19	Epidermal appendages and their morphological types
	5-Oct-19	Anatomy of typical Monocot Leaf
12	6-Oct-19	<b>SUNDAY</b>
	7-Oct-19	
	8-Oct-19	<b>DUSSEHRA</b>
	9-Oct-19	
	10-Oct-19	Anatomy of typical - Dicot Leaf
	11-Oct-19	Cell inclusions in leaves; leaf abscission
	12-Oct-19	Stomatal- apparatus and their morphological types
13	13-Oct-19	<b>SUNDAY (MAHARISHI VALMIKI JAYANTI)</b>
	14-Oct-19	
	15-Oct-19	
	16-Oct-19	
	17-Oct-19	<b>KARVA CHAUTH</b>
	18-Oct-19	Root system- the root apical meristem
	19-Oct-19	The histological organization of Root
14	20-Oct-19	<b>SUNDAY</b>
	21-Oct-19	
	22-Oct-19	
	23-Oct-19	Structure of Monocot Root
	24-Oct-19	Structure of Dicot root
	25-Oct-19	Secondary growth in dicot root.
	26-Oct-19	
27-Oct-19	<b>SUNDAY (DIWALI)</b>	
15	28-Oct-19	<b>VISHVAKARMA DAY</b>
	29-Oct-19	
	30-Oct-19	
	31-Oct-19	Secondary growth in dicot root.
	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	Secondary growth in dicot root.
	3-Nov-19	<b>SUNDAY</b>
	4-Nov-19	
	5-Nov-19	
	6-Nov-19	

16	7-Nov-19	Structural modifications in roots- storage- <i>Beta</i>
	8-Nov-19	Respiratory ( <i>Rhizophora</i> )
	9-Nov-19	Epiphytic ( <i>Vanda</i> ).
	10-Nov-19	<b>SUNDAY</b>
17	11-Nov-19	<b>GURU NANAK BIRTHDAY</b>
	12-Nov-19	
	13-Nov-19	
	14-Nov-19	Revision and Tutorial Class
	15-Nov-19	Revision and Tutorial Class
	16-Nov-19	Class Test
	17-Nov-19	<b>SUNDAY</b>
18	18-Nov-19	



**I.B. (PG) COLLEGE, PANIPAT**

**LESSON PLAN (SESSION 2019-20)**

**LESSON PLAN: 19 WEEK (JULY – NOV)**

WEEK	DATE	CLASS: B.A. II      Subject: Statics
1	16-Jul-19	HAWAN & INAUGURATION SESSION 2019-20
	17-Jul-19	TIME-TABLE DISPLAY & DISCUSSION
	18-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT ( <b>SCIENCE</b> )
	19-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT ( <b>COMMERCE</b> )
	20-Jul-19	ORIENTATION PROGRAMME & LIBRARY VISIT ( <b>ARTS</b> )
	21-Jul-19	<b>SUNDAY</b>
2	22-Jul-19	Mechanics and its Branches, Definitions related to Statics
	23-Jul-19	Forces Acting at a Point
	24-Jul-19	Resultant and Components
	25-Jul-19	Parallelogram Law of Forces
	26-Jul-19	Questions based on Parallelogram Law of Forces
	27-Jul-19	Questions based on Parallelogram Law of Forces
	28-Jul-19	<b>SUNDAY</b>
3	29-Jul-19	Resolved parts of a force
	30-Jul-19	Resolved parts of a force
	31-Jul-19	<b>SHAHEED UDHAM SINGH MARTYRDOM DAY</b>
	1-Aug-19	Triangle Law of Forces
	2-Aug-19	Triangle Law of Forces
	3-Aug-19	<b>HARIYALI TEEJ</b>
	4-Aug-19	<b>SUNDAY</b>
4	5-Aug-19	Lami's Theorem
	6-Aug-19	Questions based on Lami's Theorem
	7-Aug-19	Questions based on Lami's Theorem
	8-Aug-19	Theorem of Resolved Parts
4	9-Aug-19	Theorem of Resolved Parts
	10-Aug-19	Conditions of Equilibrium of Concurrent Forces
	11-Aug-19	<b>SUNDAY</b>
5	12-Aug-19	<b>ID-UL-ZUHA (BAKR-ID)</b>
	13-Aug-19	Conditions of Equilibrium of Concurrent Forces
	14-Aug-19	Equilibrium of Bodies on Inclined Plane
	15-Aug-19	<b>INDEPENDENCE DAY / RAKSHA BANDHAN</b>
	16-Aug-19	Equilibrium of Bodies on Inclined Plane
	17-Aug-19	Problem Discussion
	18-Aug-19	<b>SUNDAY</b>
6	19-Aug-19	Parallel Forces
	20-Aug-19	Resultant of Parallel Forces
	21-Aug-19	Resultant of Parallel Forces
	22-Aug-19	Centre of Parallel Forces
	23-Aug-19	Theorem of Resolved Parts and related questions
	24-Aug-19	<b>JANAMASHTMI</b>
	25-Aug-19	<b>SUNDAY</b>
7	26-Aug-19	Theorem of Resolved Parts and related questions
	27-Aug-19	Theorem of Resolved Parts and related questions
	28-Aug-19	Theorem of Resolved Parts and related questions
	29-Aug-19	Problem Discussion

	30-Aug-19	Moment of a Force
	31-Aug-19	Moment of a Force
	1-Sep-19	<b>SUNDAY</b>
8	2-Sep-19	Varignon's Theorem and related articles
	3-Sep-19	Varignon's Theorem and related articles
	4-Sep-19	Questions based on Varignon's Theorem
	5-Sep-19	Questions based on Varignon's Theorem
8	6-Sep-19	Centre of a number of Parallel Forces
	7-Sep-19	Centre of a number of Parallel Forces
	8-Sep-19	<b>SUNDAY</b>
9	9-Sep-19	Couples
	10-Sep-19	Couples
	11-Sep-19	Problem Discussion
	12-Sep-19	Friction(Introduction)
	13-Sep-19	Stages and Kinds of Friction
	14-Sep-19	Laws of Friction
	15-Sep-19	<b>SUNDAY</b>
10	16-Sep-19	Articles based on Friction
	17-Sep-19	Articles based on Friction
	18-Sep-19	Articles based on Friction
	19-Sep-19	Questions based on Friction
	20-Sep-19	Questions based on Friction
	21-Sep-19	Equilibrium of Rods and Ladders
	22-Sep-19	<b>SUNDAY</b>
11	23-Sep-19	<b>SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>
	24-Sep-19	Equilibrium of Rods and Ladders
	25-Sep-19	Equilibrium of Rods and Ladders
	26-Sep-19	Problem Discussion
	27-Sep-19	Centre of Gravity
	28-Sep-19	Articles based on Centre of Gravity
	29-Sep-19	<b>SUNDAY (MAHARAJA AGRASEN JAYANTI)</b>
12	30-Sep-19	Articles based on Centre of Gravity
	1-Oct-19	Articles based on Centre of Gravity
	2-Oct-19	<b>MAHATMA GANDHI JAYANTI</b>
	3-Oct-19	Conditional Test
12	4-Oct-19	Questions based on Centre of Gravity
	5-Oct-19	Questions based on Centre of Gravity
	6-Oct-19	<b>SUNDAY</b>
13	7-Oct-19	Centre of Gravity by Integration
	8-Oct-19	<b>DUSSEHRA</b>
	9-Oct-19	Centre of Gravity by Integration
	10-Oct-19	Centre of Gravity by Integration
	11-Oct-19	Centre of Gravity by Integration
	12-Oct-19	Questions based on Centre of Gravity by Integration
	13-Oct-19	<b>SUNDAY (MAHARISHI VALMIKI JAYANTI)</b>
14	14-Oct-19	Questions based on Centre of Gravity by Integration
	15-Oct-19	Questions based on Centre of Gravity by Integration
	16-Oct-19	Problem Discussion
	17-Oct-19	<b>KARVA CHAUGH</b>
	18-Oct-19	Forces in Three Dimensions

	19-Oct-19	Axis of Couple
	20-Oct-19	<b>SUNDAY</b>
<b>15</b>	21-Oct-19	Theorem based on Forces in Three Dimensions
	22-Oct-19	Theorem based on Forces in Three Dimensions
	23-Oct-19	Questions based on Forces in Three Dimensions
	24-Oct-19	<b>VACATION -I (DIWALI)</b>
	25-Oct-19	<b>VACATION -I (DIWALI)</b>
	26-Oct-19	<b>VACATION -I (DIWALI)</b>
	27-Oct-19	<b>SUNDAY (VACATION - I (DIWALI))</b>
<b>16</b>	28-Oct-19	<b>VACATION -I (DIWALI)</b>
	29-Oct-19	<b>VACATION -I (DIWALI)</b>
	30-Oct-19	<b>VACATION -I (DIWALI)</b>
	31-Oct-19	Questions based on Forces in Three Dimensions
<b>16</b>	1-Nov-19	<b>HARYANA DAY</b>
	2-Nov-19	Questions based on Forces in Three Dimensions
	3-Nov-19	<b>SUNDAY</b>
<b>17</b>	4-Nov-19	Wrenches and related theorems
	5-Nov-19	Wrenches and related theorems
	6-Nov-19	Questions based on Wrenches
	7-Nov-19	Questions based on Wrenches
	8-Nov-19	Null Lines and Null Planes
	9-Nov-19	Null Lines and Null Planes
	10-Nov-19	<b>SUNDAY</b>
<b>18</b>	11-Nov-19	Analytical Conditions of Equilibrium of Coplanar Forces
	12-Nov-19	Analytical Conditions of Equilibrium of Coplanar Forces
	13-Nov-19	Virtual Work
	14-Nov-19	Virtual Work
	15-Nov-19	Stable, Unstable and Neutral Equilibrium
	16-Nov-19	Stable, Unstable and Neutral Equilibrium
	17-Nov-19	<b>SUNDAY</b>
<b>19</b>	18-Nov-19	Problem Discussion