

**GOVERNMENT P.G. COLLEGE, AMBALA CANTT-133001, HARYANA**

Name of the Assistant/ Associate Professor: **ANJU TANWAR**

Class and Section: **B. Sc. MEDICAL, II<sup>nd</sup> Semester, Subject: BOTANY**

**JANUARY, 2020**

<b>Weeks</b>	<b>Topics</b>
<b>1</b>	Introduction to Bryophytes
<b>2</b>	General Characters and affinities with other groups General characters of Class Hepaticopsida <i>Marchantia</i> Systematic position and Occurrence
<b>3</b>	Gametophytic Plant Body External features of Gametophytic Plant Body Internal features of Gametophytic Plant Body
<b>4</b>	Reproduction in <i>Marchantia</i> Alteration of generation
<b>5</b>	General characters of Anthoceroopsida <i>Anthoceros</i> Systematic position and Occurrence

**FEBRUARY**

<b>Week</b>	<b>Topics</b>
<b>1</b>	-
<b>2</b>	Internal features of Gametophytic Plant Body
<b>3</b>	Reproduction in <i>Anthoceros</i> Sporophyte of <i>Anthoceros</i> Alteration of generation
<b>4</b>	General topics of related to <i>Anthoceros</i> Sporophyte-gametophyte relationship
<b>5</b>	Evolutionary significance of <i>Anthoceros</i> General characters of Bryopsida <i>Funaria</i> : Systematic position and Occurrence

**MARCH**

<b>Week</b>	<b>Topics</b>
<b>1</b>	<i>Funaria</i> : Gametophytic Plant Body
<b>2</b>	Reproduction in <i>Funaria</i> Alteration of generation
<b>3</b>	VACATIONS
<b>4</b>	Introduction to Pteridophyta General characters and affinities with other groups Classification upto classes
<b>5</b>	General characters of class Psilophytopsida <i>Rhynia</i>

**APRIL**

<b>Week</b>	<b>Topics</b>
<b>1</b>	General characters of class Sphenopsida <i>Equisetum</i> Systematic position and Occurrence Sporophytic plant body
<b>2</b>	Reproduction in <i>Equisetum</i>
<b>3</b>	Gametophyte of <i>Equisetum</i> Fertilization

<b>4</b>	Revision of the whole syllabus <ul style="list-style-type: none"><li>• Through audio-visual practice</li><li>• Diagram practice</li><li>• Specimen and slide study</li><li>• Group discussion</li><li>• Seminars and power point presentations</li><li>• Oral and written tests</li></ul>
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