FACULTY OF LIFE SCIENCES

Syllabus

For

Interdisciplinary Course in
Botanical & Environmental Sciences (PG)

Examinations: 2019–20

Guru Nanak Dev University
Amritsar

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Please visit the University website time to time.
ESL061 – Environmental Challenges

Credits 4-0-0
Max. Marks : 100
Mid Semester Marks : 20
End Semester Marks : 80

Time: 3 Hrs.
Mid Semester Examination: 20% weightage
End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

SECTION-A

SECTION-B
3. Acid Rain: Introduction to acid rain, Causes of acid rain, Gases involved in acid rain production, Consequences of acid rain, Effect of acid rain on forests and other ecosystems, Effect of acid rain on historical monuments, Abatement of acid rain production.

SECTION-C

SECTION-D
7. Global Climate Change: Introduction to climate change, Causes of climate change, Unpredictable and extreme climate change, Effect of climate change, Melting Ice and Rising sea level, Effect of climate change on Agriculture, Human beings and other organisms, Mitigation of climate change, International efforts deals with climate change.
References: