

PANJAB UNIVERSITY, CHANDIGARH

Outlines of tests, syllabi and courses of reading in the subject of Geography for M.Phil course Semester system for the session

on

FIRST SEMESTER

A. Co-mpu sory Courses

n n o p h o h C
h h o o o n o p n C

B. III. p^tona Courses

h n h o o on o h o n op on o C
An A n Co n A o p n
An A n Co n o o p o o
An A n Co n o o p n
An A n Co n op on o p n
An A n Co n o p o n
An A n Co n n o p n
An A n Co n n h h o
An A n Co n o p n o

C. Dissertation

C

SECOND SEMESTER

D. Co-mpu sory Courses

o p o on D op n C
D C o p p D n n o n n C

E. D^ssertat^on continued from First Semester

FIRST SEMESTER

Course II Research Methodology in Geography

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Objective o n n o o p o h h o y

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Books Recommended

Essential Readings

C. D. Hall *Research Methodology in Geography* (1967)

W. D. B. Lewis *Research Methodology in Geography* (1967)

A. N. S. Wilson *Locational Analysis in Human Geography* (1967)

W. D. B. Lewis *Research Methodology in Geography* (1967)

Further Readings

A. N. S. Wilson *Explorations in Geography* (1967)

B. H. S. Wilson *Explorations in Geography* (1967)

K. P. O. Wilson *The Structure of Scientific Revolutions* (1967)

C. D. Hall *Research Methodology in Geography* (1967)

B. III. Optional Courses

Opt. i. An Advanced Course in Agricultural Geography

A. N. S. Wilson *Explorations in Geography* (1967)

Objective The student should be able to understand the concept of agricultural geography and its importance in the development of a country. He should also be able to identify the major agricultural regions of the world and explain the reasons for their development.

UNIT I

Definition of Agricultural Geography
Importance of Agricultural Geography

UNIT II

Agriculture in India
Agriculture in the World

UNIT III

^ A h h o o o n . . o p y
on o n

UNIT IV

o o n p o . y

Note

A o p o on on n n h o n p on h .. o n
h h o h n h .. p n p n o h o h
h p h .. o ..
A o o t on .. o o h h o on two o h
n h n h .. p our on n on o h n h h ..
n on on h o p o on n n on ..
n n on n h n n n p p p on n
on n h p p n n n n

Pedagogy

h o h p p n n n n o o o p o n p o
n h h o h o o o p o p o o
.. on n p n n pon ..

Boo s eco ended

Essential Readings

D .. *Geographical Essays* h Yo Do
o o n .. n D *Drainage Basin Form and Process* h Yo ..
po B *Fluvial Processes in Geomorpholgy* n n o n
h
o h *Fluvial Geomorpholog* B n h on o Y

Further Readings

o h *Streams* h Yo h ..
.. *River Plains and Sea Coasts* B h C h
h h A .. h on on h ..

Opt. iii An Advanced Course in Political Geography

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n n

Objectives

h o n o n h n h h on p o o
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h o n o n on

Unit I

n A n n o o p
B n o pp o h

Unit II

A n o o on n
A n o o on o on p n
o h po o h p o o o on

Unit III

o n n on
h o o p p on
o o o n
o n
n n o o n on n on n h o
o B n o

Unit IV

o n h n on n
p n on n h n on n
o p n o p
n on pon
n on

Note

A o p . o on on n n h o n p on h .. o n
h h o h n h .. p n p n o o h
h p h .. o .

A o o t on .. o o h h o on o h two o h
n h n on p our on n on o h n h h
n on on o p . o on n n on ..

n n . n n n p p on n
on n h . p p n n

Boo s eco ended

Essential Readings

C . on .. *Geography and World Politics* n ..

C n B *Geography and Politics in a Divided World* h n Co on on h

" D B . o . o p n . on n W Yo

h h A *Essays in Political Geography*

UNIT IV

on *A Population Geography* p 8 on on

Geography of Population on

Opt v An Advanced Course in Geography of Rural Settlements

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n n A n
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Objectives

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- o n n n o n n n o on y o p o o n n on
- o n n n o n p o n n n n n n

UNIT I

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C y o o
C C n C

Note

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p h o o
A o o t on o o h h o two o h n
h n p our on n on o h n h n
on o h o p o on n n h on
h
n n n n n n p

Opt. vi An Advanced Course in Urban Geography

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n n A n
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Objectives

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Note

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h p h .. o .
A o o t on .. o o h h o two o h
n h n n p our on n n on o h n h ..
n on o h o p o on n n on ..
n n on n h n n n p p p on n

Book ended

Essential Readings

B B n o on Geographic Perspectives on Urban Systems n .. n oo C

C The Study of Urban Geography A no on on

A Geography of Towns h n on n on on

Further Readings

B Centrality and Cities o n on on

n on Urban Geography: An Introductory Analysis on
Yo

Pedagogy

h o h o p h n o p o n n n p

Opt vii An Advanced Course in Urban Research Methods

n n A n on

Objectives n o po n n o on p n
p o n n o o o n n n on n n
n n n pp o p o n on n n op n o

Unit I

n p o o n on pp o n on n on

D n n n n n

Unit II

C y o y n p n o o n y
C n on o y n p n o o o y n
non o

Unit III

n n on n n o o n n
n n

Unit IV

An y o n p y n p n o

B K REC MMENDED

Essential Readings

B B o p o C n n D on n W oo C
n y
B n on n W y D op n Co n n W D p
n
n h h o A W D p

Further Readings

o on An n n o p A no on on
W n h n on n C n A o on
h n Co p n on on

Opt. viii An Advanced Course in Geography and Ecosystems

n n A n on
n n
o

Objectives

o pp h n W h h n on h p W n h n n h
n on n n h n W h o n on
o n W n o o on on n po n n
n n n o o n
p o h n n o o h n W n n o on

UNIT I

Con p n n W n o o n n on n o y y y

UNIT II

n o op n n h n n
o o n h h o n n o o n n n C

UNIT III

o p p on o o po n o n
n n n p n n o n

UNIT IV

n on n n op n p o on n on n on
n n op n

C on o o p o n on n p n o
o on oo n n n on n n

Note

A o p o on on n n h o n p on h o n h
h o h n n h p n p n o o h h
p h o o

A o o t on o o h h o two o h n
h n p our on n on h n h n
on o h o p o on n n on

n n on n n n n p p p on n
on n p n n

Pedagogy

n on n n n on n p o o h h h p o
o h n p on n on n p o n n n
h n p on n

Books recorded

Essential Readings

A n o n An W C n on **Vegetation Mapping From Patch to Planet**
h n n on

B o h C n **Climate Change A Multidisciplinary Approach**
C C n

n **Earth Systems Processes and Issues** C C
n

n h **Currents of change El Ninons impact on Climate and Society**
C C n

n on **Geographies of Global Change Remapping the World** o B n

^ Sustainable Development on on The Earthscan Reader in on

W h mn Sustainable Development Understanding the Green Debates o B W n

.. n on An W C p n h n on GIS and Remote Sensing Applications in Biogeography and Ecology Bo on W

A v h Tropical Ecosystems and Ecological Concepts o n

C v C v n v y

D Sustainable Development An Introductory Guide on on h n v on

C n

UNIT IV

on, op, n p, nn n n n h o h o on
 n n h n h n h n on, C p on, n
 n n h C n, Co, n A n
 ono, o n on, op, n n n on, p n n

Note

A o, p, o on on n n h o n p on h o n
 h h o h n h p n p n o o h
 h p h o o
 A o, o t on o o h h o two o h
 n h n W p our on n on o h n h W
 n on oh o, p, o on n n h

Course V Digital Cartography Map Design and Remote Sensing

n n n A n on

Objectives

o p o n n o n n o n p n
 o p n n n n n n n o n n p o p
 n n n n n n o n n Co p
 o p n

Unit I

o p n Con p n D C o p C o p
 n n n n n n n p n n n p

Unit II

p D n D o n n n o n
 n o D
 D n n o p D n n n D n B p
 o p n o n p n n n o p n
 n n

Unit III

p p o on p o on o p n n n
 non p n n p o

Unit IV

n o on o n on n n n D n on n o
 p op n p o n n n n n o n n
 n o p n p on o n

Note

A o p o on on n n n p p on n n
 p h n n p n p n o n n
 A o o t on n o o h n o two o n n
 h n p our on n n n n n
 on o p o n n n n

Books ended

Essential Readings

Bennett, A. J. *Open Do...* on n. W. Yo
on n. o. n. n. on. p. n. D. n. n. on. on.
o. n. on. A. n. D. n. o. C. o. p. n. n. n. on. W.
Yo. on.
Co. p. n. W. Yo. n. n. n. p. n. n. p. on. n. n.

Further Readings

B. *History of Cartography* C. A. n. Co. on. on.
B. n. C. n. C. *Introduction to Environmental Remote Sensing* p. n.
n. on. on.
C. D. n. on. p. n. W. Yo.
D. B. n. n. Y. o. n. n. n. n. A. o. n.
B. n. o. n. n. n. p. on. n. on. on.
C. o. D. n. n. o. on. on. n. on. on.

