

316

Senior Secondary Course

GEOGRAPHY

2



NATIONAL INSTITUTE OF OPEN SCHOOLING

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A-24/25, Institutional Area, Sector -62, NOIDA -201309 (U.P.)

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New Delhi

Dr. Tarun
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Academic Department, NIOS
NOIDA

Mr. Vivek Singh
Consultant (OBE)
Academic Department, NIOS
NOIDA

LESSON WRITER

Dr. Anupama Hasija
Asso. Professor (Geography)
Shaheed Bhagat Singh (Eve)
College, DU, Delhi

Dr. Ushvinder Kaur
Asso. Professor (Geography)
Swami Shradhanand College
DU, New Delhi

Prof. Subhash Anand
Professor (Geography)
Deptt. Of Geography
DU, New Delhi

Mr. Vivek Singh
Consultant (OBE)
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Dr. Nidhi Singh
Academic Consultant
CIET, NCERT
New Delhi

Prof. Subhaktant Mohapatra
Professor, Discipline of Geography
School of Sciences
IGNOU, New Delhi

Dr. Anju Singh
Asst. Professor (Geography)
Aditi College
DU, New Delhi

Dr. Dileep Kumar
Asst. Professor (Geography)
Shaheed Bhagat Singh (Eve)
College, D.U., Delhi

Prof. Aslam Mahmood
Professor (Retd.)
CSR, JNU
New Delhi

CONTENT EDITOR

Prof. Subhaktant Mohapatra
Professor, Discipline of Geography
School of Sciences
IGNOU, New Delhi

Dr. B. L. Gupta
Vice Principal (Retd.)
17, Nethla House
Nayaganj, Kurja, UP

LANGUAGE EDITOR

Ms. Shivani Jain
Freelance Language Editor
New Delhi

COURSE COORDINATOR

Mr. Vivek Singh
Consultant (OBE)
Academic Deptt., NIOS

GRAPHIC DESIGNING and DTP

M/s Multigraphics
Karol Bagh, New Delhi

A Word with You

Dear learner,

You often observe that how the world is changing around yourself. Sometimes these changes happens due to various events related to earthquakes, volcano, floods, drought etc. while sometimes human intervention make relevant changes. These natural phenomena as well as human interventions attracts our attention and encourage our curiosity to be familiar with our environment. Geography is a subject which gives you such information with their societal concern.

The subject matter of Geography is very extensive. At one side, it is related to physical phenomena i.e earth's movements, distribution of ocean and continent, earth's surface, climate etc while at another side it analyses natural resources and human population. Geography provides facts and also analyse the relationship between humans and their environment.

The National Institute of Open Schooling's course of Geography at Senior Secondary level tries to cover various branches of Geography. It provides an opportunity to connect geographical knowledge with of our surrounding. The whole course has been divided into 10 modules and a practical manual. The first book includes 6 modules (Module 1 to 6). Second book includes remaining 4 Modules (Module 7 to 10) and Practical Manual.

In this Self Learning Material, we have covered six modules. First module- The study of geography as a discipline, gives you a synoptic view about nature and scope of geography. The module two, three, four and five deal with four realm of the earth surface - land, water, air and space for living organism. Module six gives an overview of the physical geography of India.

The Self Learning Material has been designed to equip you for self learning. It also includes assessment items i.e. Intext Questions and Terminal Questions. I hope you will enjoy reading the self learning material. In case of any difficulty do not hesitate to write to us.

Happy Learning!

Best of luck.

Course Team - Geography

How to use the Learning Material

Congratulations! You have accepted the challenge to be a self-learner. NIOS is with you at every step and has developed the material in Geography with the help of a team of experts, keeping you at the focal point. A format supporting independent learning has followed. You can take the best out of this material if follow the instructions given. The relevant icons used in the material will guide you.



Title: will give a clear indication of the contents within. Do read it.

Introduction: This will introduce you to the lesson linking it to the previous one.

Objectives: These are statements that explain what you are expected to learn from the lesson. The objectives will also help you to check what you have learnt after you have gone through the lesson. Do read them.

Notes: Each page carries empty space in the side margins, for you to write important points or make notes.



Intext Questions: Very short answer self check questions are asked after every section, the answers to which are given at the end of the lesson. These will help you to check your progress. Do solve them. Successful completion will allow you to decide whether to proceed further or go back and learn again.



What You Have Learnt: This is the summary of the main points of the lesson. It will help in recapitulation and revision. You are welcome to add your own points to it also.



Terminal Exercises: These are long and short questions that provide an opportunity to practice for a clear understanding of the whole topic.



Do You Know: This box provides additional information. The text in boxes is important and must be given attention. It is not meant for evaluation, but only to improve your general knowledge.

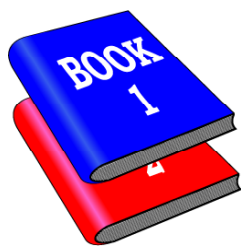


Answers : These will help you to know how correctly you have answered the questions.



Activities: Certain activities have been suggested for better understanding of the concept.

COURSE OVERVIEW

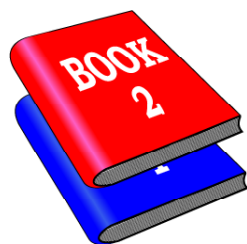


MODULE

1. The study of Geography as a discipline
2. Dynamic and Geomorphic Processes of the Earth
3. The domain of the water on the earth
4. Dynamics of Atmosphere
5. Biogeography and Biodiversity
6. Physical Geography of India

LESSON

1. Nature and subject matter of Geography
2. Endogenic Forces
3. Exogenic Forces and their resultant landforms
4. Running water, moving ice, wind and sea waves
5. Hydrological Cycle and Ocean
6. Structure and composition; Insolation
7. Atmospheric pressure and winds
8. Humidity and precipitation
9. Climate and Climate Change
10. Biosphere, Biomes and Biodiversity
11. Physical Settings
12. Climate
13. Natural Hazards and Disasters



MODULE

7. Natural resources, Utilisation and Management
8. Economic Geography of India
9. Human resource development in India
10. Contemporary Issues and Challenges

LESSON

14. Land and Soil Resources
15. Forests and Biodiversity
16. Water Resources
17. Agriculture and Food Security
18. Mineral and Energy Resources
19. Major Industries and Industrial Complexes
20. 20 Foreign Direct Investment (FDI), Transport, Communication and Trade
21. Population Growth and Distribution
22. Population Composition
23. Human Development
24. Sustainable Development Goals (SDGs)
25. Environment, Health and Sanitation

Question Paper Design and Sample Question Paper

PRACTICAL MANUAL

1. Maps: Types and Elements; Toposheets
2. Geospatial Technologies
3. Data and Statistical Diagrams

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PRACTICAL MANUAL		
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Note: The syllabus has been bifurcated into two sections -

- (i) Lessons for the Tutor Marked Assignment (TMA) 
- (ii) Lessons for public examination question paper 

Lessons in Section (ii) are further divided as-

- A. Lessons for objective type Questions only
- B. Lessons for subjective type of questions.

The details of the different sections are on the next page.

National Institute of Open Schooling

Bifurcation of Syllabus in Geography - 316 at Sr. Secondary Level

Total no. of Lessons=25

MODULE (No. & name)	TMA (40%) (No. of lessons -9)	Public Examination (60%)	
		A. OBJECTIVE 50 % (No. of lessons -8)	B. SUBJECTIVE 50 % (No. of lessons -8)
1. The study of Geography as a discipline			L-1: Nature and subject matter of Geography
2. Dynamic and Geomorphic Processes of the Earth	L-2 : Endogenic Forces L-4: Running water, moving ice, wind and sea waves		L -3: Exogenic Forces and their resultant landforms
3. The domain of the water on the earth		L-5 : Hydrological Cycle and Ocean	
4. Dynamics of Atmosphere	L-6 Structure and composition; Insolation L-8 : Humidity and precipitation		L-7 : Atmospheric pressure and winds L-9: Climate and Climate Change
5. Biogeography and Biodiversity		L-10 : Biosphere, Biomes and Biodiversity	
6. Physical Geography of India	L-13 : Natural Hazards and Disasters	L-12 : Climate	L-11 : Physical Settings
7. Natural resources, Utilisation and Management	L-14 : Land and Soil Resources	L-16 : Water Resources	L-15 : Forests and Biodiversity
8. Economic Geography of India	L-19 : Major Industries and Industrial Complexes	L-18 : Mineral and Energy Resources L-20 : Foreign Direct Investment (FDI), Transport, Communication and Trade	L-17 : Agriculture and Food Security
9. Human resource development in India	L-21 : Population Growth and Distribution	L-23 : Human Development	L-22 : Population Composition
10. Contemporary Issues and Challenges	L-25 : Environment, Health and Sanitation	L-24 : Sustainable Development Goals (SDGs)	

MODULE -7

Natural resources, Utilisation and Management

14. Land and Soil Resources
15. Forests and Biodiversity
16. Water Resources

