



North Maharashtra University,
Jalgaon

Syllabus for

F.Y.B.A

Geography

(With effect from June 2018)

Choice Based Credit System (CBCS)

North Maharashtra University,
Jalgaon

Choice Based Credit System (CBSC)

Under Graduate Programme UG
F.Y.B.A Geography

Curriculum Structure and Scheme of Evaluation for B.A First Year With effective
from June 2018

Semester	Paper No.	Title of the Paper	Credit
I	Gg. 101	PHYSICAL GEOGRAPHY: PART- I (Lithosphere)	03
II	Gg. 201	PHYSICAL GEOGRAPHY: PART- II (Atmosphere & Hydrosphere)	03

प्रश्न पत्रिकेचे स्वरूप
(CBSC Pattern)
वर्ग - एफ. वाय. बी. ए.

वेळ - २ तास

गुण - ६०

सुचना -

१. सर्व प्रश्नांना समान गुण आहेत.

२. सर्व प्रश्न बंधनकारक आहेत.

प्र. १. ला. एका वाक्यात उत्तरे लिहा. (कोणतेही सहा)

गुण - १२

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प्र. २. रा. तीन ते चार वाक्यात उत्तरे लिहा (कोणतेही चार)

गुण - १२

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प्र. ३. रा. थोडक्यात उत्तरे लिहा. (कोणतेही तीन)

गुण - १२

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प्र. ४. था. टिपा लिहा. (कोणतेही दोन)

गुण - १२

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प्र. ५. वा. सविस्तर उत्तरे लिहा. (कोणतेही एक)

गुण - १२

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NORTH MAHARASHTRA UNIVERSITY, JALGAON
F.Y.B.A. (SEMESTER – I) GEOGRAPHY SYLLABUS
W.E.F. JUNE- 2018

Total Credits – 03

External Marks – 60

Internal Marks - 40

Gg. 101 PHYSICAL GEOGRAPHY: PART– I (Lithosphere)

Sr. No.	Topic	Sub Topic	Unit	Periods	Marks
1	Imaginary Lines and Movement of The Earth	A. Imaginary Lines	i. Parallels of Latitudes – Equator, Tropic of Cancer & Capricorn, Arctic, Antarctica Circles and Poles. ii. Meridians of Longitudes – Prime Meridian	20	10
		B. Movement of The Earth	i. The Earth Axis ii. Rotation of the earth and It's effects iii. Revolution of the earth and Its effects.		10
2	Origin of Oceans and Continents	A. Wagener's Continental Drift Theory and Interior of the Earth	i. Salient feature of distribution of Continent and Oceans. Continental Drift Theory a) Basic Concept b) Evidences c) Criticism ii. Interior of the earth Crust, Mantle, Core and their minor details	20	10
		B. Rocks and Earthquake and Volcanoes	i. Definition, Classification and Characteristics of Rocks a) Igneous Rocks b) Sedimentary Rocks c) Metamorphic Rocks ii. Causes and effects of Earthquake with examples. iii. Volcanoes - Types, Causes, effects		10

3	Weathering and Work of Geomorphical Agents	A. Weathering	<ul style="list-style-type: none"> i. Definition ii. Types of weathering <ul style="list-style-type: none"> i. Mechanical ii. Chemical iii. Biological 	20	10
		B. Work of Geomorphical Agents	<ul style="list-style-type: none"> iii. River, Erosional landforms of river: <ul style="list-style-type: none"> i. V shaped Valley ii. Pot holes iii. Gorge iv. Rapids v. Waterfall iv. Depositional Landforms of river <ul style="list-style-type: none"> i. Meanders ii. Ox-Bow lakes iii. Flood Plains iv. Levees v. Deltas v. Winds, Erosional landforms of wind <ul style="list-style-type: none"> i. Blow- out or Deflation ii. hollows, iii. Mushroom Rock, iv. Yardangs, v. Zeugen, vi. Inselburgs. vi. Depositional landforms of wind – Sand Dunes, Barkhans and Loess 		

References:-

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- Chaudhari S.R., V.J. Patil & Arvind Badgujar (2014) : Physical Geography Prashant Publication Jalgaon
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- Monkhouse, F.J., 1996. Principles of Physical Geography, Hodder and Stoughton, London.
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- Singh, Savindra : Physical Geography (Eng./Hindi)
- Suryawanshi D.S., & Others, 2011. Geography (Lithosphere & Hydrosphere), Vrinda publication, Jalgaon
- Trewartha, G.T: Elements of Physical Geography) McGraw Hill, New York.
- Alan H. Strahler & Mark Potosnak: Physical Geography (II Edt. 2011) John Wiley & son Inc. 978-0-476-13486-3
- Alan Strahler (2011) : Introducing Physical Geography John Wiley & son Inc. 978-0-476-13486-3
- S.P.Date & Sanjivani Date : Prakruti Buvidnyan, Anirudha Publishing H.K.Doifode(2008)House Pune Suvarna, Shilpa, 444/1 Shanivarpeth, Near Maruti Temple.
- H.J. deBlij & Peter O Mullar (2004) : Physical Geography IIIed Edit. Oxford University Press. 0-19-516022-3

NORTH MAHARASHTRA UNIVERSITY, JALGAON

F.Y.B.A. (SEMESTER – II) GEOGRAPHY SYLLABUS

W.E.F. JUNE- 2018

Total Credits – 03

External Marks – 60

Internal Marks - 40

Gg. 201 PHYSICAL GEOGRAPHY: PART- II (Atmosphere&Hydrosphere)

Sr. No.	Topic	Sub Topic	Unit	Periods	Marks
1	Atmosphere And Insolation	A. Origin Composition and Structure of Atmosphere	i. Introduction, Meaning of Atmosphere ii. Structure of Atmosphere a) Troposphere b) Stratosphere c) Ionosphere	20	10
		B. Insolation	i. Definition ii. Factors affecting the insolation a. Angle of the Sun rays b. Distance between earth and sun c. Distance between earth and sun d. Effects of atmosphere iii. Temperature – Horizontal and Vertical Distribution		10
2	Atmospheric Pressure, Winds and Atmospheric Moisture	A. Pressure Belt and Winds	i. Measurement of Atmospheric Pressure a) Definition of Isobars b) Formation of Pressure Belts c) Shifting of Pressure Belts and Their effects ii. Types of Winds a) Planetary Winds b) Monsoon winds c) Land and Sea Breezes	20	10
		B. Humidity and Precipitation	i. Definition and Types of Humidity a) Absolute Humidity		10

			b) Relative Humidity ii. Forms of Precipitation- Fog, Dew, Frost, Hail, Rain, Snowfall iii. Types of Rainfall a. Convectonal b. Orographic /Relief c. Cyclonic		
3	Hydrosphere	A. Submarine Relief	i. General Structure of ocean Floor ii. Submarine Relief of Indian Ocean	20	10
		B. Ocean Currents	i. Definition ii. Causes of Ocean Currents iii. Ocean Currents in Atlantic Ocean iv. Ocean Currents in Indian ocean		10

References:

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4) Trewartha Robinsin Hammond (1967)	Physical Elements of Geography, McGraw Hill Books company, New York.
5) Frederich K Lutgens & Edward J ; Trabuck (11th Edition)	The Atmosphere PHI Learning Private Ltd New Delhi
6) K. Sidharth	Atmosphere, Weather & Climate Kisalaya Publications, Pvt Ltd. B-5/4, Poorvi Marg, NEA, Opp shri Gangaram Hospital New Delhi
7) Roger G Barry & Richard J Chorley (2003)	Atmosphere, Weather & Climate, Routledge Publications
8) Subhah Mehtani & Amarjit Sinha;	Oceanography, Common Wealth Publishing (1st edition 2010) Pvt Ltd, 4831/24 Pralhad street, Ansari Road Dariya Ganj, New Delhi
9) Alan P Trujillo & Harold Thurman	Elements of Oceanography, 10th edition, (2012) PHI Learning Private Ltd New Delhi
10) K. Siddhartha	Oceanography, Kisalaya Publications, Pvt Ltd. B-5/4, Poorvi Marg, NEA, Opp shri Gangaram New Delhi