



GEOGRAPHY

SY BLABUS

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UPLOADED BY WWW.READNIGERIANETWORK.COM INTERIM JOINT MATRICULATION BOARD EXAMINATION (IJMBE) GEOGRAPHY SYLLARUS (REVISED 2012) GEOGRAPHY SYLLABUS (REVISED 2012)

General Introduction

Geography is a diverse subject, and this is one of its many attractions. The primary objective of IJMBE Geography is to prepare candidates for degree programmes in Geography and cognate (related) disciplines. In terms of content, the focus is on a wide range of topics relating to both natural and human environments as well as the examination of the interaction between physical processes and human activities. Fieldwork forms important component of IJMBE Geography with some days spent outside the students' school areas as well as a number of shorter local trips in both urban and rural environments.

Aim and Objectives

The aim of this syllabus is to prepare post-secondary school students within a minimum period of 12 months for entry into the second year (200 Level) Geography of the four-year degree programme in Universities.

The specific objectives are to:

- help such students understand the characteristics, distribution and (a) interrelationship between physical and human phenomena on the earth's surface.
- explain the processes that fashion these phenomena. (b)
- help students acquire skills and techniques of map reading, map making, (c) analyses and interpretation.

Entry Qualification

Credit in Geography, Mathematics and English at SSCE, GCE or equivalent

Contact Hours

- Three (3) hours per week for Physical
- Three (3) hours per week for Human and Regional
- Three (3) hours per week for Practical Geography

Examination Structure ED BY WWW.READNIGERIANETWORK.COM The IJMB Examination in Geography shall consist of three papers.

- Physical Geography Paper I:
- Human and Regional Geography Paper II:

Practical Geography. Paper III:

The papers will be weighted 100%, 100% and 100% respectively = 300marks scaled down to 80 marks and 20 marks for Continuous Assessment (CA) derived from assessment from all the three (3) papers

PHYSICAL GEOGRAPHY **PAPER I:**

Introduction

Geography Paper I will be divided into three sections as follows:

Section A: Landforms

Weather and Climate Section B:

Soils and Vegetation. Section C:

This will be a 3 – hour written paper consisting of 10 questions, 3 each in sections A and B and 4 in section C. Candidates will be required to answer FOUR questions, ONE each from sections A and B and TWO from section C. Credit will be given for clarity of expression relevant actual examples and illustrations.

PAPER II: HUMAN AND REGIONAL GEOGRAPHY

The aim of the course is to introduce students to the basic principles of human geography and to the spatial out-working of these principles.

The paper will be divided into TWO sections as follows:

Section A: Principles of Human Geography. Section B: Regional Geography of West Africa.

The examination will be a 3-hour written paper consisting of 6 questions in Section A, and 5 questions in Section B. Candidates will be required to answer 2 questions from Section A and 2 from Sections B.

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PAPER III: PRACTICAL GEOGRAPHY DNIGERIANETWORK COM

The paper will be divided into THREE sections as follows:

Map Reading and Interpretation. Section A: Graphic and Map Presentation of Geographic Data. Section B: Field Work. Section C:

Candidates will be taken through a programme of teaching and practical exercises covering the syllabus. These exercises will be assessed internally and submitted together with the marks expressed as percentages to the IJMB for moderation as part of the IJMB Examination.

FEILDWORK

Introduction

b.

It is recommended that a number of field studies and at least one field trip be undertaken. This should equip students with local examples, which they can use in the examinations. It should also generally improve their understanding of geographical ideas in the context of the local environment.

The main objectives of fieldwork in geography are:

to acquire information by, for example, observing, recording, mapping and experiencing at first hand the phenomena which a. constitute the features of the earth.

to acquire standards of reference by means of, for example, daily fieldwork around one's, college, or school or home. This helps one to extract full value from the materials contained in books, maps and diagrams.

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DETAILED SYLLABUS

FIRST SEMESTER SYLLABUS

PAPER I: PHYSICAL GEOGRAPHY

S/NO:	TOPICS AND CONTENTS	ACTIVITIES / PRACTICAL GUIDE	INSTRUCTIONAL MATERIALS	DURATI ON (HOURS)
LANDE	ORMS	00102		
1.	INTRODUCTION		; Diagram of	best met
	i. Internal structure and surface form of the earth	should be able to Identify the	internal structure of the earth	6 hours
	ii. Classification characteristics and formation	explain their		
	of igneous, sedimentary and metamorphic rocks	characteristic chemical compositions	if. The different rock types be brought	d roducti e di fl
ni bio	Audios and Aran one y	ii. Students should be able to Identify	into the class	indernal c in the e
mo dei	p to hill be placed to start a set of the	the different types	a li stiatura e e	midente
e Pur	all of the life to see a second	of rocks Students should be	Diagram/Pictures/m	
2.	MOUNTAINBUILDING PROCESSES	able to explain the causes of different	odels of the landforms	12 hours
gailore	Mountain building processes; Folding, faulting and	processes and	associated with these processes	
which	i. Nature of landforms	landforms and their distribution	epitado anticada do Marcia	
14.3711-3	ii. Distribution	and the second second second	Sector Bootton (California	, C
3.	WEATHERING	Students should be	Rock types,	
25 Ore	i. Types, processes and factors of weathering	able to explain the three types of	hammer, water	6 hours
aqanı İ	ii, Significance of weathering	weathering processes and	and dragowine.	
	to landform development	factors influencing each type		
4.	FLUVIAL PROCESSES i. Mechanism of fluvial	Students should be able to explain	Schematic diagram of erosion and	
	processes	fluvial erosion and deposition	of erosion and depositional features	9 hours
1	fluvial processes	processes and identify erosion	e a foi d'Altre Milloure et la L	
		and depositional andforms		

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	TOULAN DDOODOOD	nuvial processos		
5.	Machania	Students should be	Diam	
1	processes	able to explain	Diagrams of wind erosion	
/	processes	Drogoon		
1	ii. Factors and landforms of	erosion and	depositional features	6 hours
1	aeolian processes	identify landforms		
1	aconan processes	associated with		
1	1	wind erosion and		
	COSTAL PROCESSES	deposition	1	
6.	i. Coastal processes	Students should be	Sketches of coastal	
	I. Coastai processes	able to explain	erosion and	C
	" Landform assemblage of	coastal processes	depositional features	
	ii. Landform assemblage of coastal processes	and identify	a controllar realures	6 hours
	coastal processes	associated		
	L]	landforms		
TI	TED AND CI IMATE			
	HER AND CLIMATE			
7.		i. Students should	Diagram of vertical	
1	i. Atmospheric constituents	be able to list the	structure of the earth	
	(constituents of the	XV	3 hours
1	ii. Vertical temperature and	atmosphere by	wy effects as "vital	JIIOUIS
	pressure structure of the lower	volume and		
]	atmosphere	percentage		-
]	1	ii. be able to		
	1	explain the		
		vertical		
	Lateral procession of the second	temperature and		
61.0	f I solution	pressure of the		
		lower atmosphere		
		entration of		
		The second second second		
8.	WEATHER/CLIMATE	i. Students should	Diagram of World	
	CONTROL AND	be able to define	Pressure zones and	1
	DISTURBANCES	and differentiate	wind pattern	9 hours
		air masses and	· · ·	1 1
	i. World major air masses and	fronts and explain		
	fronts	their causes		
		then the	- /	1 1
1	" Amagebaria disturbances	ii. Students should	-	4
	ii. Atmospheric disturbances:	be able to describe		4 · · · · · · · · · · · · · · · · · · ·
	cyclones, anticyclones,	the characteristics,		1
	hurricanes, tornadoes.	causes and mode		
		of formation of		
	1	each tropical		
	A start of the second second	disturbance	La the the man	
	CLIMATIC REGIONS	i. Students should	World climatic map	
9.			based onKoppens	
9.		be able to outline		0 hours
9.	i. Principles of Koppen	1 derlying	climatic	9 hours

		the classification	scheme.	
1	ii. Characteristics and world			11 73-
	distribution of the twelve main	scheme	N for the second s	
	Koppen climatic types	ii. Students should	1 L Contraction Contraction	50 N 1
	Roppen enimale types	be able to list the		
2 J. 1 - 13		major climatic	Earling and	
		types and sub	and the second	
		types and outline		
		the characteristics		
	1	of each climatic		~
	and a second	4.000	climatic map of	
10	CLINGATE OF AFRICA	type. Students should be	(IIIIau	
10.	CLIMATE OF AFRICA	able to discuss the	West Africa	6 hours
$E_{\rm c}({\bf x}_{\rm A}) = 0$		characteristics,	in the second second second	- 0 nours
	Characteristics, distribution	distribution and	1 Contract 1	신상 사람
	and controlling factors of	enumerate		- Andrews
	climate of Africa	controlling factors		
	· · · ·	of West African		
		Climate	100 CO 100 CO	
		Students should be	All the second sec	
11	CLIMATE CHANGE	able to	1	
Phi uni		differentiate	Nertical temperature	
	Causes, effects and mitigations	between Climatic	stream statements press	
		variability,	1121121	
		climatic	en e	
		fluctuation,		1.00
		climate change,		
		and other related		
		terms. They		6 hours
		should be able to		
		discuss evidence		
		of climate change		
		and explain the	EN AMERICA UNITAR	
		causes, impacts	a musica na anti- atente na completi n	
		and mitigative		
- "BCri"			in periodia da da	
	I	neasures		
			64. A 114 (168) (167) (1979) .	
		Martin P. Sall	at usely anadependity.	
		A DATA SALE AND A DATA SALES		
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FIRST SEMESTER SYLLABUS PAPER 2: PRINCIPLES OF HUMAN GEOGRAPHY

s/NO:	TOPICS AND CONTENTS	ACTIVITIES / PRACTICAL GUIDE	INSTRUCTIONAL MATERIALS	DURATI ON
12.	INTRODUCTION	Teacher explains the		(HOURS)
	The list of relevant variables	relationship between	· · · · · · · · · · · · · · · · · · ·	
	of Human Geography to	human population	Second and a second second	
	include population,	and the	· · · · · · · · · · · · · · · · · · ·	3 hours
	environmental resources,	environment.	· · · · · · · · · · · · · · · · · · ·	17 1 1
	human activities and human	environment.	a da se entre de la compañía de la c	
	settlements	at the second for	1.1	
13.	WORLD POPULATION	The teacher to	Antonia	+
15.	a) Definition, size, growth		A schematic map of	
	and pattern of distribution.	1 1	the world.	
	-	and describe the		
	b) Demographic	growth pattern and		9 hours
	characteristics (vital rates	the distribution of		
	and population structures,	world population.		
	with particular reference to			
	developed and developing	The teacher to		
	countries).	distinguish the		
	c) Theories of population	various		
	growth:	demographic		
	i. the Malthusian Theory	characteristics.	girld to "	· · ·
	ii. the Demographic		Rear The Contract of the Contr	
	Transition Theory	The teacher to	YHE STATE IN STATE	_
	Transition Theory	differentiate	entration of the	· · ·
	d) Types, causes and	Malthusian theory	 A contract from a second s	
	d) Types, causes and		START DATE OF	•
	consequences of population	from the theory of	A Carto and	_
	movements.	demographic		
		transition.	inn i usa M	
	e) Population problems	Teacher to list the		
		causes and		4
		consequences of		17 - R
		population		
		movements.	ar sa sandara sa	
	ENVIRONMENTAL	Teacher to identify	Schematic map of	
	RESOURCES	the relationship	the world.	1
	property in the second s	between human	10 Y 1 1 1 1	9 hours
	a) The concept of resources	culture and the	arangi 10 mentandara T	
	-	environment.	a trace of a	14.2.
	as an interplay between	cuvitonment.		
	environment and human	m to to to to the	to an in the second	
	culture	Teacher to locate the	19 Bar Joseff H.	
	b) World distribution of the	distribution of fertile	Las y card bet a teles	sport)
	world's major resources	lands, minerals on a		
	i) Fertile lands for	world map.	the second second	
1	,	(a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b	CONTRACTOR STOCK	
	agriculture		The sector of th	

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ſ	Iron, Coal etc.		O ALCHIOMAN	
1 - J	c) The relationship betwe			
	the distribution	exploitation.	and a second of the second sec	
	environmental			
1	resources ar		이것으로 100 대도 같아?	
	population.		a service a service of the service o	1 2 1 2
1.	international multi	s de la competencia d	ROUTEROOM	
1	d) Problems associated with		n in the Michael Shares and	
	resource exploitation, e.g	• And the former of the second	and Cost to Real	
	environmental degradation.	The last in the	and the state of the state of the	
Γ.	15. AGRICULTURAL	Teacher to itemize	A map of the world	
	PRODUCTION SYSTEMS	and explain the	and a schematic	
1	a) Background to	in the second second	diagram of the	9 hours
1	agricultural practice	agricultural	world.	i nours
1		production.	Darsen barr (P. A.	
1	b) Factors influencing			
1	agricultural production	Teacher to		
1	(i) Physical	differentiate bush		
1	(ii) Economic	fallowing from		
	(iii) Socio-cultural			
	c) A survey of the	The characteristics	paraka si ang katalang	
	following systems	of peasant,	La bread on par pados	750
	(i) Bush	plantation, livestock,	12536	000
	following and	irrigation and mixed	and the second	(a)
	shifting	farming should be	ninwong	
•	cultivation		group in the subject of	나는 모두 물을
		identified.	he Demeyant in	1.1.1.1.1.1.1.1.1.1.1
	(ii) Peasant		- and C 🗗 damaT 👘	
	agriculture	Teacher to highlight		
	(iii) Plantation	the problems and	AND REALING AND	16 19 69
	agriculture	prospects of	man-que to manhaper	ion i con
	(iv) Livestock	agricultural	.2050	
	farming	development in the		
	(v) Mixed farming	tropics.	mede ac acitates s	
	(vi) Irrigation		a na waana a a na tabiya i	
	farming	1 (00)		
	d) Problems and prospects of	2 1 - 25 M 5. 186 - 1		
	agricultural development in	16 ALV 16		
	the tropics		¹ Key et al., Spectra and an an experiment are polytokicked and	
	e) List of feasible solutions	an tara mulación d	BAT COMPLETE	
6			2.2 (1945)7 2	18
6.			Diagram of	
		numan settlement se	ettlement types.	(£
		and distinguish the	wind victoreant m	9 hours
2	f	unctions of mural		
		nd urban	uni per resonnenti	
		ettlements		
	inter-relationships.	othemento.	to nonnels as dy tel mall	
	•	o da paíse zína."	parronasi mparah ke	-4
		eacher to also	shaul philot 1	
		escribe the social	Strate Barrels	
	urbanization (distribution, an	id economic	-	1 1
	degree and rate).	fects of		

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		urbanization ir			
	d) Social and economic		line in the second		
	effects of rapid urbanization	countries.	 distance 		
	in developing countries		and a state of the second s		
		1	Section 1		
			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
1	7. INDUSTRIAL	1.1	An outline map and		
-	PRODUCTION SYSTEM	Teacher to describe	diagram of the		
		the nature and	-		
- I	a) Organization of modern	organization of	manufacturing	, nours	
	industrial production	industrial production			
	(technology, scale of	system.	C RE DU LO - BRE		
	production, labour		Anno Marshallor		
	specialization, vertical and	Teacher to identify	1		
	horizontal linkages and	and describe the			
	distribution of finished	factors that	a second s		
	products	influence the			
	b) Factors influencing the	location of			
- Pure	location of industries.	industries.	and a start of the		
	location of industries.	mausuries.			
	a) Distribution of the usual Pa	Toppher to distin			
	c) Distribution of the world's				
	major manufacturing	the distribution of			
	regions.	industrial zones of			
		the world.			
	d) Problems and prospects of	Teacher to identify			
	industrialization in the	the problems of	of the model of the second		
	developing countries	industrialization in			
		developing		_	
	e) List of feasible solutions	countries.			
18.	WORLD TRADE	Teacher to define	A map of the world.	··· •	
	a) Definition and basis of	and mention the	provery and densities	ash t	
	world trade	basis of world trade.		6 hours	
		Teacher to list the			
<u>.</u>	b) Major commodities in	major commodities			
		traded.			
		Teacher to discuss		· · · · · · · · · · · · · · · · · · ·	
	c) Patterns of world trade	the pattern of world		_	
		trade between the		· .	
		developing and			
		developed countries.			
		Teacher to discuss			
		the problems			
		associated with			
~					
		world trade and			
		feasible solutions to			
		he problems.			
19.	WORLD TRANSPORT	reacher to identify	A map of the world,		
	AND COMMUNICATION t	he types of	pictures of transport		
	a) Types of communication	communication and	systems, and a	12 hours	
		liscuss the role	diagram of the		

	UPLOADED BY WW economic development c) Problems and prospects of communication in developing countries. d) Definition i) Flow of people	Teacher to define	world illustrating flows with the aid of flow maps/desire lines.	
	 i) Flow of people ii) Flow of goods iii) Flow of energy iv) Flow of ideas e) Role of movements in socio-economic development and spread of innovation f) Problems associated with movements. g) List of solutions 	how it aids flows. Teacher to also discuss the role such movements play in economic development and spread of innovation and ideas.		G
20.	IMPACT OF HUMAN ACTIVITIES ON THE NATURAL ENVIRONMENTAL AT VARYING LEVEL OF TECHNOLOGY AND DENSITIES OF POPULATION	Teacher to explain how man and his technology impacts on the environment. Teacher to describe the impact of population densities on the environment.	Pictures of the effect of mining activities on land degradation, refuse dumps etc.	6 hours
	b) Impact at high level of technology and densities of population		WORLD PRACE a) Definition and Pas wold race	.81
	2 CAN'	an a	 Major commute world ande Paterns of world at 	
N			d) Broinfams and prior world traite	

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FIRST SEMESTER SYLLABUS FAPER: 3 PRACTICAL GEOGRAPHY: MAP READING AND INTERPRETATION

2010	TOPICS AND CONTENTS	ACTIVITIES /	INSTRUCTIONA	DURATI
S/NO		PRACTICAL	L MATERIALS	ON
:	(c.v.2)	GUIDE	a 💻 'a shini ya masheka	(HOURS)
	LOCATION	Exercises on:	i. Topographic	Rate of the second
21.	Feet	i) Identification of	maps	
	a) Direction: Bearing and	features of given	with Gridlines	6 hours
	cardinal points	bearings, grid	3.53	
	calumai pomo	references, latitudes	ii. Topographic	
	b) Grid references	and longitudes	maps with	-
	b) Ghu references		Latitudes and	
	c) Latitudes and Longitudes	ii) Reading	Longitudes	
	c) Latitudes and Longitudes	references of given	iii. Mathematical	
		locations	sets	an han si
	THE SCALES	Exercises on:	i. Mathematical	1.
22	MAP SCALES	(i) Conversion of	sets	
		Scales from		9 hours
	a) Concept of map scales	statement to	ii. Different	
			Topographic maps	1.18 1 1.3 -
	b) Representation of map	representative	which carry the	
	scales:	fraction and vice	three types of	1.1.1.1.1
	ii) Statement scales	versa	theo spen	
1	iii) Representative		scales	1.6
	fraction	(ii) Converting		
	iv) Linear scales	representative	iii. Graph sheets	
	11)	fraction to linear		
	Atlans of Scales:	scale vice versa.		
	c) Uses of Scales:) Measurement of distances	(iii) Measurement		
		of distances on maps		
a	and calculation of areas	(iv) Calculation of	10 CAL 1 - 11	
i	i) Enlargement and Reduction	areas on maps		
	of maps	() Enlargement and	7.5. 11.53	
		(v) Enlargement and	and the second second	
		reduction of maps		

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23	CONVENTIONAL SIGNS	WWW.READNIGERIANET	VORK.COM Topographic map	
_	Key Conventional Signs for:	Exercises on:	of with convention	
	i) Physical Features: Roc	i) Identification	in signs on them	
	outcrops, cliffs, sand dunes	k features shown		6 hours
	crater, quarry, waterhole, well	s, standard		and the second second
	spring etc.	l, conventional signs.	STAT BURGES	in the second
	ii) Streams / Water bodies	: ii) Convention	al	0.45
	Waterfall, rapids, lake, pond	: ii) Convention	on l	101
	dam, bridge, sand etc.	, signs shown of mag	and a second second second second second second second second second	15 57
		logenee		· · · · · ·
			1 . Bucht - marst and	
	savannah, orchard bush, park, scrub, etc.		the strength	
	iv) Boundaries.	이 이 가락 드릴 수 있는 것	Carolog ki	
			a second as b	
	v) Settlement: Built up areas, isolated compounds, towns,			
	towns walls, villages etc.			
	vi) Communication: Roads,			
	paths, railways, etc.			and the following -
6	vii) Institutions: Church,			2. 2. V. CC
	mosque, school, court,			- 22 ·
	hospital, market etc		- to me the same	- 1 - K
24	REPRESENTATION OF	Exercises on:	Topographic map	s
	RELIEF AND	i) Recognition of	with clear contou	
	RECOGNITION OF	relief forms.	lines	18 hours
	LANDFORMS		i contra politica i	
		ii) Presentation of	A CONTRACTOR CONT	
	a) Recognition of landforms:	relief forms in	a the second sec	
	Spot heights, trigonometric	diagrams	i consil doi	
	stations, benchmarks,	X		
	contours, form lines, layer		·	
	colouring		, volucii 16 ko	
	b) Landforms and their		A REAL AND A CONTRACT OF	
	contour Representation:		1988 Revisional Revision	
	Valley, spur, ridge, plateau,		na an an an tha an tha an an tha an an tha an an tha an an th	(a + b) = -
	escarpment, col (saddle), gap,			n to L
	pass, scarps, massif, plains,			
	dissected highlands, slope	(3) A final state of the sta	Assured as a constraint from the first sector of the	
	types (concave, convex,			
	straight, composite)			
5	ANALYSIS OF RELIEF F	Exercises on:	T	in the second second
	FORMS		Topographic	
	a) Calculation of gradient		maps	
	h) Relief ===f'i	radients from		9 hours
	i) Cross profiles	pographic maps.		
-	ii) Drofiles at	D CU		
	streams) Profile drawing		
	INTERPRETATION			
	TOPOGRAPHIC FORMS	xercises on:	Topographic	
1			- Postapilic	
]]	1)	outountion of		
	Relief features gr	Calculation of adients from pographic maps.	maps	6 hours

	lowlands/plains, upland /highlands, mountain plateau, dissected highlands	a source drawing.	1808 m.R.O.	1.1.19.4.4
27	INTERPRETATION OI CULTURAL PHENOMENA ON TOPOGRAPHIC MAPS a) Settlements: Types and spatial distribution b) Communication patterns c) Socio-economic activities	F Exercises on i) Types and distribution of settlements.	Topographic maps	9 hours
a F b P c)	INTER-ELATIONSHIPS BETWEEN CULTURAL AND PHYSICAL FEATURES ON TOPOGRAPHIC MAPS () Settlement and Physical features () Transport routes and hysical Features Agriculture and Physical features Mining and Physical features	Practical exercises on inter-relationships between cultural and physical on topographic maps	Topographic maps	9 hours
Fe				
Fe	Etc.			

UPLOADED BY WWW.READNIGERIANETWORK.COM SECOND SEMESTER SYLLABUS PAPER 1: SOILS: PHYSICAL GEOGRAPHY

	1: SOILS: THIS CONTENTS	ACTIVITIES / PRACTICAL	INSTRUCTIONAL MATERIALS	DURATIO (HOURS)
S/NO:	TOPICS AND CONTENTS	GUIDE Students should	I Soil	PHL 0
l. A barretti d	INTRODUCTION i. Meaning of soil ii. Description of soil constituents	be able to i. define soil ii. outline the		9 hours
	iii. Processes leading to development of soil profile	processes of soil	sources of contractors	
2.	SOIL CHARACTERISTICS	formation	Soils of different texture, colour.	12 hours
2.	Basic soil properties:	Students should		12 nours
e tur di	texture, structure, bulk density, porosity, consistency, moisture,	the soil, characteristics.	care well by cyclick and bare an and Physical	710T
	organic matter and nutrient elements, cation exchange		20	Peata
3.	reaction SOIL FORMATION Soil formation factors:	Students should be able to discuss the factors of soil	al Peatones reculture and Presia	12 hours
	organisms, topography and	formation	counting bour galant	(b
4.	time SOIL DEGRADATION PROBLEM	i. Students should be-able-to define soil degradation,	A visit to farms to see conservation methods used	9 hours
	i. Soil degradation processes and factors	the processes and factors ii. Students		
	ii. Soil and water conservation practices in	should be able to outline and		
2	West Africa	discuss the various soil and water		
		conservations		
VEGET	TATION INTRODUCTION	Students should	Pictures of different	
5.	i. Explanation of terms – tree shrub, herb	be able to differentiate	vegetation types	6 hours
6.	vegetation community. PLANT DISTRIBUTION	between herbs, trees and shrubs	a ²	

BY WWW.READNIGERIANETWORK.COM
BT THE BHOER AND

	UPLOADED	BY WWW.READNIGERIA be able to	Map	
	Factors influencing plant growth and distributions at	enumerate and discuss factors	1.11.11.21.1 V 1.12.1	12 hours
	various scales: climate, topography, soil, plant and animal life	influencing plant growth and distribution	CORPORT AREA	0.00
7.	VEGETATION CHANGE	Students should be able to explain	. 4 5 5 5 6 7 8 5 7 5	
	i. Plant succession ii. Climax vegetation forms	plant succession and vegetation climax		6 hours
8.	VEGETATION OF NIGERIA	i. Students should be able to explain vegetation	Pictures of trucks loaded with logs/firewood or	6 hours
	i. Characteristics, distribution and controlling factors	characteristics of Nigeria ii. and discuss the underlying factors	heaps of firewood	
-	ii. Deforestation and conservation practices.	iii. to define deforestation and discuss the		nd bas
		various causes and conservation practices		

SECOND SEMESTER SYLLABUS PAPER 2: HUMAN AND REGIONAL GEOGRAPHY

		ACTIVITIES	INSTRUCTIONA	DUD
			L MATERIALS	DURATIO
S/NO	TOPICS AND CONTENTS	PRACTICAL		I N
:		GUIDE	Constant and the second	(HOURS)
REGI	ONAL GEOGRAPHY OF WEST AI	Teacher to	Diagram of West	
9.	INTRODUCTION	introduce the	-	
	List of relevant variables applicabl	e nature and		3 hours
	to West Africa	topics	region. HOLLARS	11
		interest in	- AD14	
		regional		•
		geography.		
10.	POPULATION	Teacher to	Map and diagram	
		discuss the	of West Africa.	0.61
	a) Population size density,	population		12 hours
	-,	size and	Deter to refer to	inouts
	b) Population growth - growth role		2 X 10 Mutures	
	and factors and pattern of growth and			
	distribution.	Factors of		
	distribution.	population		
	c) Population Structure (age and sex			
	structure) typical in West Africa.	region to be	The first of granting and an an an	
	structure) typical in west Africa.	identified and		
	d) Population movements Internal and			
	d) Population movement: Internal and			1.
	International Migration, other types of population movements, e.g.			
	Transhumance, Pastoral Nomadism etcetera			
	ciccicia	the age and		
	a) Impose of allow on the later	sex structure	And a state of the	
	e) Impact of slave trade on population	of West		
	growth	Africa.		
		Teacher to		
		describe the		
		types,		
	$\mathbf{O}\mathbf{V}$	characteristic		
1		s and		
		consequences		
		of population		
		movements		
	-	in West		
		Africa		
	SPATIAL PATTERN OF	TT 1		
R	RESOURCE BASE		Map of West	
		F	Africa and	
a) Spatial Distribution of Resources		liagram of the	6 hours
b) Factors of resources distribution.	account for re	egion locating the	
	and a distribution.	the n	nines and HEP	

	c) Power Resources and industrial growth.		projects.
	d) Problems and prospects of HEP	in West Africa.	
	e) Type of minerals	The distribution	
	f) Methods of mining – shaft, open caste etc.	of power resources in	and the second s
	g) Problems and prospects of mineral	West Africa. Teacher to	
	extraction	discuss problems of	
	10 BREAL C. 20200	power generation in	
140	unites the settion and a set and a set and a set and a set a	West Africa.	
	- Pitterster, I	Teacher to distinguish	and the Contract of the second
		the types of mining in west Africa,	
	an a	its importance	(ggas, ander objected at 2 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a
	- (Brú) y	and the problem	 (d) (particular contraction) (d) (particular contraction) (d) (particular contraction) (d) (particular contraction)
	Plane 1	confronting the mining	antine gound, land the
12.	AGRICULTURAL PRODUCTION	sector.	 A test a field a second strategy at the second secon
	a) Basic features of traditional	Teacher to differentiate	Map of West Africa. Diagram of
	agriculture b) Types of agriculture:	the types of traditional agriculture in	West Africa . 15 hours
	- Subsistence Agriculture	West Africa.	
	- Plantation Agriculture	Teacher to also discuss	
r r	c) Farming systems and farming regions:	the farming systems	
2016 (J. 1.)	- Nomadic herding mixed farming, rotational bush	associated with the	
2	market gardening	different ecological	
d d	i) Staple food crops and areas of	zones of West Africa	na felanti i gana di Magaalah ing panangana
a	and fruit	and the crops and animals produced.	

Γ	e) The roles of Rural Developme Projects (RDPs) and River Bas Development Authorities agriculture productions.	in describes in role of Rura	। । १४९ सम्बद्ध देखाः स्वतः द	
		of Projects and River Basin Development	d n	
		Authorities, the problems and prospects of		
	URBAN AND RURAI	agricultural production.	Diagram of	
13	SETTLEMENT	describes the classification of		9 hours
	 a) Types of Urban Centres. b) Types and classification of rural settlement. Classification of settlement by 	settlements- rural/urban in	N	
	morphology, e.g. nucleated, a child. dispersed, etc.	by morphology and by		· ·
	- Classification by function e.g. fishing settlement, mining settlement, farming settlement etc.			
	c) Function and characteristics of rural settlements.	between rural and urban settlements in	COLTON DATE	DA SI
	d) Problems of rural urban development.	West Africa. Teacher to	sizic france of	
	n saidhau Sirian	discuss the problems of urban growth	pes of agriculture: - Subscale: Agricultu	Τ (6
14.	TRANSPORT AND	in West Africa Teacher to	An Outline	
5	COMMUNICATION PATTERM	discuss the types of transportation	An Outline transportation map of West Africa.	12 hours
7	b) Growth and deating	, the decline	nominen "wollat School ganlenity	
	(e.g. head porterage) - Inland waterwaye (D)	transport, and	aling a bool salipa sing a pool salipa sing a pool salipa	(b) moh
	•	the various		NO LA

- Sea transport	modes of	A BREAK AND		and the second
- Railways	transport in	1 m	10	124 26-
. Road transport – internationa				8 10 0 0 X 1
. Rome	diam'r is 'f	1 1 100.1	••••••••••••••••••••••••••••••••••••••	
highways - Air transport	Teacher to	2120	- 41	1.8 2
- Pipeline transport	list and	(a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b		
· · · · · · · · · · · · · · · · · · ·	discuss the			
) Factors affecting transport		111111111		
c) Factors arrecting transport development.	affecting	ALL	3 324 6	
the second se	transport	a water and	AT 1 1	
d) Growth and development of the			1018	
communication sector	and the	analt of	n lash a	CT
Communication	problems.	Industry design	and the state	
INDUSTRIAL DEVELOPMENT		Map of	West	+
AND TRADE	differentiate	Africa		
AND IN INC	the types of	i bernin	S-	t5 hours
a) Types of industries	industries.	nueps portional circi		15 Hours
a) Types of measures		CITC CITC		
b) Distribution of industries			1000 - 100 30	
0) Distribution of materice				
c) Factors influencing the location of	Teacher to		137.2021	
industries	list and	VINON ASK	Bear 1	
	discuss the	STATISTICS NEW YORK	10030	
d) Problems and prospects of	factors that	7.	1	
industrial development.		ded circles (Pile	NAB 1 C	
mousural development.	influence the	·	(2 518) - 1	
Definition and times of trades		and curve grap	out. I to I	
e) Definition and types of trade:	industries in		113 J.	
Internal and international	West Africa.		art it	
- Internal and international		the staries	and to obtain	
trade	Teacher to	brandino	D at 1	
	distinguish			a de la composición de
	internal trade	n) symtom		
	from		CONVE	ł.
	international		1.4	
g) Pattern of international trade.	trade and			
	indicate the	ettam?	. n . 1	
h) Reasons for trade.	types of			
i) Factors that hinder free trade	commodities			
j) The role of ECOWAS in trade i	involved.			
liberalization in the region		CONTINUES (
	Teacher to	n fredanci		
	highlight the		Ary a	
	reasons and			
		이 네 사람이 밝혀 있		1-1-18
	battern of	計畫)が有	1111	81 18
	rade in West			
The second se	Africa. The	dystration to 🖗	31 1	
2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ole ol j	bl a traduction	arres 15	
	COWAS in			
U V	Vest African		- L	
	ade.		- 1 I I I I I I I I I I I I I I I I I I	A DECEMBER OF

SECOND SEMESTER SYLLABUS PAPER 3: PRACTICAL GEOGRAPHY

			The second s	
S/N		ACTIVITIE	S/ INSTRUCTIONA	T
	CONTENTS	PRACTICA	AL MATERIALS	DURATIO
		CUIDE		(HOURS)
GRA	PHICS AND MAP PRE	SENTATION OF G	EOGPAPHIC DATA	
16.		Practical	a Outling	
	OF GEOGRAP	HIC exercises on a	a. Outline map	
1	DATA	of the items li	-	ng
		in the content		of 18 hours
	a) Isoline Maps		stations and a list	
	b) Choropleth (shaded)			th ^a Cooperation
1	maps		temperature records	
1	c) Dot maps	i de la Carlo II.	b. Mean annu	al
19 61 23	d) Flow maps	0.40.921010.5	Rainfall	C.SAL.
			c. State Populations	
	e) Proportional circl	les		Striff in
	and squares			
17.			and the second second second	divid of
17.	GRAPHIC	Practical		
	PRESENTATION OF	Avarcisas	between entre en la serie	and the second second
	GEOGRAPHIC DATA		-6	20 JE 1 (3
				24 hours
	a) Divided circles (Pie	the items listed		
	charts)	the content	enter attal antes	(L) (L)
			directopuneur	in Brubnin .
1	b) Line and curve graphs			
	i. Simple		shou tu requi har nac	a 190 m 1
	ii. Group (or	e a calificação de la composição de la comp		
0	comparative)		in star kun harristel	
	iii. Compound		- Andrews	
	v. Divergence	and the plant is	50-51	
	v. Cumulative (or	interaction of the	Call Cathering 5	
	Orgive)		 (e) and an and an /li>	학생은 전 같은 문서
		late and shall		のたちす
	i. Frequency Polygons			
		u thu th	i of lenoisementi lo s	1.0461 200
(C)	Bar Graphs:	I tall made: 1		
	i. Simple	$c_{2} \in \mathbb{C}$	55400 volt and	a Model St
ii	. Group (or	si filo nome er		
	mparative)	Acres 64	s that winder from 17 and	
	Compound (or		et clavition to sign	
div	iđed)		5 9 Chr. with the Boothy	inisdi!
	ideu)		1	
<u>d)</u> A	Age and Sex Pyramid			. ne nosti
. FIE	LD WORK	i) Data		
			A designed	
- hT	lse of topograph:	collection in and	questionnaire on	
	Jse of topographic	around the	agricultural	18 hours
Imaps	s in the field	college (local	Product	10 110015
	1 de 1	environment)	production or	
ii) Fi	ield recognition of	ii) Ead	environmental	
	endon or	ii) Field course-	problems	

	geographical phenomena.	taking the		
		students outside		
	iii) Methods of collecting	the immediate		
	basic geographical data.	environment.		REASON TRUE
1		iii) Data	and the second second	and the second second
	iv) Techniques of	collection,		
	elementary field mapping	analyses and		
		writing of		A LEAST LA
		reports on		
	constant to a parasi	fieldwork.	- 1979) An Inut	
	ELEMENTARY	i. Surveying	Plane Table, pins	
19.	SURVEYING	using the	Chain, measuring	I.S. Contraction
	SURVEINIG	methods listed in		121
	Di la ef Diana	5 6 cmg	tape, abney level,	12 hours
11 111	i. Principles of Plane	the content.	prism ranging poles	A 10 19000
	Survey	ess PLC. Dada	S VINTENIN L MIL	1. 1610 Mar
	a first is mand a	ii. Drawing of	model to the born of	
Libini -	ii. Chain Survey	plan or maps of		
	iii. Prismatic Compass	areas surveyed.	run dur dur dua nur	
	Survey and another la	than Geography	Of lo ybry?	10.5 if we the
	Dui ()	and have been a		
. <u>1</u> 1.	iv. Use of abney level	isan nonringun	NAMES OF STREET	- 2 The REAL
	IV. Use of abiley level	A hard when we		

Reference Texts

- 1. Hilton, T.E. (1961) Practical Geography in Africa. Longman.
- Monkhouse, F.J. & Wilkinson, H.R. (1972) Maps, and Diagrams. Methuen & Co. Ltd., London.
- 3. Pritchard, J.M. (1984) Practical Geography for Africa, Longman, London.
- 4. Namiako, D.A. Map Reading for West Africa, Longman.
- 5. Ogunseye, A. and Faniran, A. Map Reading and Interpretation for West Africa.
- Birch, T.W. (1978) Maps (Topographical and Statistical). OxfordUniversity Press, London.
- 7. Garnier, B.J. (1971) Practical Work in Geography. Edward Arnold, London.
- 8. Willsner and Okoye. Map Reading and Interpretation, AfricanUniversity Press.
 - Guest, A. (1980) Advanced Practical Geography. Heinemann Education Books,
 - London.
- ^{10.} Goss, W.E. Surveying. Macmillan.

- Bygoth, J. and Money, D.C. An Introduction to Map work and Practical 11. Geography. University Tutorial Press.
- Geography Practical Manual. A Publication of the School of Basic and 12. Remedial Studies, Funtua. Edited by Dr. I. J. Musa (2005).

REFERENCES

- Adejuwon J. O. (1979): An Introduction to the Geography of the topics. Thomas Nelson (Nig.) Ltd Lagos.
- Certificate Physical and Human Adeleke B. O. & Leong G. C. (1980): Geography. (West African Edition) Oxford Press Ltd.
- Areola O, Mamman M, Onweluzo F. A., Omotoso O. (1999): Exam Focus Geography. University Press PLC, Ibadan.
- Bradford, M. G. and W. A. Kent (1977): Human Geography, Theories and their Applications. Oxford University Press.
- Carter H. (1980): The Study of Urban Geography. London, Edward Arnold.
- Eirlich, P. R. (1977): Ecoscience Population Resource, Environment Italia.
- Emily Jones (1980) Human Geography and Resources Abler R. Adams J. S. Gould P. (1977): Spatial Organization. The Geographers view of the world PHI edition.
- Hudson T. S. (1977): A Geography of Settlements. London Mac Donald and Evans.
- Morill L. R. (1974): The Spatial Organization of Society Second Edition. Duxbury Press.
- Onokerhoraye, A. G. (1985): An outline of Human Geography. The Geography and Planning Services of study notes.

References – Physical Geography:

Barry, R.G. and R.J. Chorely (1971): Atmosphere, Weather and Climate. Methuen, London.

Brady, N.C. (1974): The Nature and Properties of Soils. Macmillan, Toronto.

- Daubenmire, R.E.: Plant and Environment, Third Edition. John Wiley and Sons,
- Edward A. and James E. B: Understanding Weather and Climate. Second Edition.

Faniran, A. and Areola, O. (1978): Essentials of Soil Study. Heinemann, London. Faniran, A. and O. Ojo (1980): Man's Physical Environment. Heinemann, Gates, E.S. (1972): Metrology and Climatology. Harrays, London.

Hopkins, B.: Forest and Savanna. Heinemann, Ibadan.

Tiry, J. (1971): Biogeography.

Tiry, J. (1973): Vegetation of the Earth. The English University Press Ltd., Walter, H. (1973): London.

Watts, D. (1971): Principles of Biogeography. McGraw-Hill, England.

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