10. Geography I Paper (Geo.311)

Exam 2066

Time	: 3 hrs
	not All the questions
	Group 'A' (Geography)
1.	What do you understand by isostasy? Discuss the views of Airy and Pratt in this
	connection: OR or analysis and analysis analysis and analysis and analysis and analysis and analysis and analysis and anal
	Discuss the theory of plate tectonics. Explain different types of Plate margins.
2	Give short account on any FOUR of the followings. 4×6=24
2.	
	- to the state of
	- 120 CM - 121 MARCH SAND AND SAND AND AND AND AND AND AND AND AND AND
	d) Exeirogenetic movements
	e) Meaning and scope of Geomorphology
_	f) Superimposed drainage 4×4=16
3.	White short notes on any root of the following.
	a) Nesequent stream
	c) Block mountain
	e) Talus f) Attrition 50
	Group B (Cililatology)
4.	Explain the necessary condition and forms of condensation.
	Represent diagrammatically and explain the global distribution patterns of pressure system.
	4×5=20
5.	Give short answers on any FOUR of the followings. a) Differentiate between radiations and isolation.
	78
	c) 'Green house effect' of atmosphere.
	d) Scope of climatology. e) Why does the sky usually appear blue?
	e) Why does the sky usually appear blue? Basic pre-requisites of air mass source region.

Write short notes on any FUR of the followings. $4 \times 5 = 20$ b) Evapo-transpiration Difference between Af and Am climates. C) (h e) Coriolis effect Dew point Exam 2067 Full Marks: 100 Time: 3 hrs Attempt ALL the questions. Group 'A' (Geomorphology) Explain clearly with the help of diagrams the concept of the cycle of erosion of Davis. What are the main criticism of this concept? What is diastrophism? Give a brief account of the different types of foldings. Give short notes on any FOUR of the followings. 4×6=24 b) Primarrumpf and endrumpf a) Sea-floor spreading c) lostatic adjustment d) Formation of deltas e) 'Root hypothesis' of G. Airy f) Types of moraines Write short notes on any FOUR of the following. 4×4=16 3. a) Polycyclic landscape b) Saltation d) Roches mountonees c) Plucking e) Subductin zone f) Solidluction Group 'B' (Climatology) 50 Describe the factors that determine the distribution and controls of solar radiation. 4. What climate data are needed to classify a climate using Keoppen's scheme? Explain his approach. 4×5=20 Give short answers on any FOUR of the following. a) Distinguish between windward and leeward sides. Volcanic dust theory regarding climate change. b) Seasonal march of temperature c) d) Distinguish between cloud and fog e) Climate change impacts Condensation nuclei 6. Write short notes on any FOUR of the following. $4 \times 5 = 20$ a) Sublimation b) Acid rain c) Isotherms d) Savanna f) Horse latitude e) Climatology Exam 2068 Time: 3 hrs Full Marks: 100 Attempt ALL the questions. Group 'A' (Geomorphology) 50 Explain Penck's concept the erosion cycle with the help of a diagram. 50 OR The same Physical process and laws that operate today, operated throughout geological times, not necessarily always with the same intensity as now. Explain. Give short answer on any FOUR of the following. 4×6=24 2. King's concept of parallel retreat of the slopes a) b) Level of compensation . Diastrophic movements C) Asthenosphere d)

nature levees and flood plains

Formation and characteristics of Eskers

e)

3.	Write short notes on any FOUR of the following. 4×4=16
	a) Monadnock b) Normal fault
- 1.	c) Constructive plate margin d) Exfoliation
	e) Antecedent drainage f) Alluvial fan
	Group 'B' (Climatology) 50
4.	Describe the basic elements and controls of weather and climate.
	OR '
	Sow diagrammatically and explain the 'global heat budget'.
5.	Give short answers to any FOUR of the followings. 4×5=20
	a) Difference between convection and advection.
	b) Composition and character found in the troposphere.
	c) Importance of hygroscopic nuclei.
	d) Distinguish between windward and leeward sides.
	e) Distinguish between cold and warm types of occluded front.
	f) Distinguish between steppe and desert.
6.	Write short notes on any FOUR of the following. 4×5=20
٥.	a) Sea level rise b) Tropical region
	c) Anticyclone d) Katabatic winds
	e) Wet adiabatic rate f) Ozone
	e) wet adiabatic rate
	Exam 2069
Ti	me: 3 hrs Full Marks: 100
(5),5	tempt ALL the questions.
	Group 'A' (Geomorphology) 50
1.	
	associated with plate boundaries.
	OR
	Discuss major landforms resulting from glaciated erosion with the help of illustration.
2.	Give short answer on any FOUR. 4×6=24
	 a) Distinguish between antecedent drainage and superimposed drainage.
	b) Distinguish between normal and reverse faults.
	c) Distinguish between nature levees and flood plains.
	d) Why all rivers do not form deltas?
	e) Causes and consequences of interruption of a normal cycle of erosion.
	f) Factors influencing weathering.
3.	
٥.	a) Talus b) Barchans b) Barchans
	c) Peneplain Brown Seld d) Polje
	e) Solifluction
	Group 'B' (Climatology) 50
4.	Show diagrammatically and explain the global heat balance.
4.	OR
	Why climatic data are needed to classify a climate using the Koeppen's scheme?
	Explain his approach.
20	
5.	Cité dinitirality in the same and the same a
	b) Distinguish between cloud and fog
	c) Distinguish between windward and leeward sides
	d) Distinguish between cold and warm types of occluded front
	e) Shifting of wind belts
_	f) Basic pre-requisite of air mass sources regions 4×6=24
6.	Give short answers to any roots.
	a) Seasonal march of temperature b) Sublimation
	c) Condensation nuclei d) Cariolis effect
	e) Isotherm f) Sea level rise

Exam 2070

	Fi	II Marks: 100
Geo		Time: 3 hrs.
	separate answer book for each group	
	1) Attempt all the questions.	
	Group "A" (Geomorphology)	[50]
1.	Describe with diagrams the topological features resulting from compr	ession.
	OR management of the control of the	
	Describe the process of wind erosion under arid conditions and disc	uss the chief
	topographical features produced by them.	
.2.	Give short answer on any four:	The second second second
	a. Chemical weathering	
	b. Polycyclic landscape	
	c. Drainage basin	
	d. Glaciofluvial deposit	
5 97 6	e. Nature levees and flood plains	
	f. Permafrost and the active layer	
3.	Write short notes on any four :	
-	a. Piedmont glaciers	
	b. subduction zone	
	c. Karst region	
	d. Suspension	100
	e. Lithospheric plate	
	f. Dendritic drainage pattern	
	Group "B" (climatology)	
4.	Represent digrammatically and explain the global distribution pa	
	pressure system.	
	OR Sharly bar	ert a
	What do you mean by evapo-transpiration? Describe briefly the fac	tors affecting
	the rate of evaporation.	vič 14.
5.	Give short answers to any four:	[4×5=20]
	Impact of continental drift on climatic change.	i i i en
-	b. composition and character found in troposphere.	
	c. Accelerated soil erosion.	-5 FF
3.37	d. Origin of valley and mountain breezes.	Section 19 1 Element
	e. Distinguish between short wave I and 'long wave' radiant energy.	hall filler
The same of the	f. Reason of red appearance of the sky during sunrise and sunset.	
6.	Write short notes on any four:	[4×5=20]
201	a Adiabatic temperature change	570 E 16 HE
	b. Dew point.	
	c. Air mass source region.	
1	d. Meso-thermal	
	e Frost free season	
	f. Global warming	Substitute . E.
[301	1] Attempt all the questions:	
To be a	Group "A" (Geomorphology)	[50]
1.	Critically explain the continental drift theory of Wegener.	[10]
	magazi i recomenda e la OR de ladinga biodaga di visi a	eseration a
	Define weathering. Explain different types of weathering processes.	

2. Write short answers to any four of the following: [4×6=24] a. Normal fault b. Mode of formation of Yardangs c. Consequent and Resequent river d. Difference between Rift and Ramp valley e. Differentiate between fold and block mountain and an all a market of the Application of geomorphology Write short notes on any four, of the followings: 3 a. Level of compensation b. Hanging valley c. Scope of geomorphology d. Causes of mass wasting . e. Tear fault Gully erosion Define air mass and explain its characteristics. OR What do you mean by Solar Radiation? Explain the factors that determines the distribution of solar Radiation. Write short answers to any four of the following: a. Land and sea breezes Horizontal distribution of temperature Differentiate between weather and climate d. Differentiate between warm and cold front e. Inversion of temperature Differentiate between orographic and Convectional Rainfall Write short notes on any four of the following: [4×5=201 a. Global warming b. Anticyclone Troposphere d. Jet stream e. Typhoon Cold wave

11. Sociology/Anthropology I Paper (311) (Introduction to Sociology/Anthropology)

Exam 2066

Time: 3 hrs

Attempt and TIMO questions from Croup IA' and SIX from Croup IB'

Attempt any TWO questions from Group 'A' and SIX from Group 'B'.

Group 'A'

2×20=40

"Society is a dynamic process." Elaborate this statement.

Discuss the role of family, community and state in the process of socialization of human population.

Discuss the nature and scope of sociology and anthropology.
 Group 'B'

6×10=60

4. Define family and discuss its importance.

What do you understand by the mode of production? Differentiate between feudal and capitalist mode of production.

6. Discuss why household can be regarded as an economic unit of society.