

2017

GEOGRAPHY

( Major )

Paper : 1.1

( Understanding Geography )

Full Marks : 60

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. Answer the following as directed :  $1 \times 7 = 7$

(a) Who among the following may rightly be called as the father of geography?

(i) Herodotus

(ii) Ptolemy

(iii) Eratosthenes

(iv) Hecataeus

(Choose the correct option)

(b) Name the French geographer who refuted the concept of physical determinism and advocated possibilism.

(c) Write the meaning of the term 'geography'.

- (d) A river basin representing fluvial system is a type of system called
- closed system
  - open system
  - drainage system
  - hydrological system
- (Choose the correct option)
- (e) Who developed the theory of cycle of erosion?
- (f) Who among the following wrote the book, *Kosmos*?
- Karl Ritter
  - Friedrich Ratzel
  - Vidal de Lablache
  - Alexander von Humboldt
- (Choose the correct option)
- (g) Who among the following tried to measure the circumference of the earth?
- Anaximander
  - Hecataeus
  - Eratosthenes
  - Posidonius
- (Choose the correct option)

2. Give a very short answer questions :
- What do you mean by in geography?
  - What are the componer
  - What is environmenta
  - Mention any two bran in geography.
3. Answer any *three* of the follow
- Explain why geography as an integrated discip
  - State the concept of h applied in contempor studies.
  - State with examples studies the spatio-temp geographical phenome
  - State the concept and with the welfare approa
  - State with examples th system concept in geo

4. Answer any *three* of the following questions :

10×3=30

- (a) Explain the nature and scope of human geography.
- (b) Explain the relevance of geographical studies in resolving the recently emerging environmental problems of the world.
- (c) Briefly discuss the salient features of development of geography during modern period.
- (d) "Physical and Human geography are the two wings of geography." Discuss the statement.
- (e) Discuss some of the basic concepts of geography with examples.

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( Major )

Paper : 1.2

( **Basis of Geomorphology** )

Full Marks : 60

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

1. Choose and write the correct option : 1×7=7

(a) The word Isostasy was first proposed by  
American geologist

(i) Dutton

(ii) W. M. Davis

(iii) J. A. Steers

(iv) Woolman

(b) Fire Ring—the volcanic belt is located in

(i) Indian Ocean

(ii) Atlantic Ocean

(iii) Pacific Ocean

(iv) Arctic Ocean

- (c) Ganga-Brahmaputra plain of India is the example of
- (i) erosional plain
  - (ii) depositional plain
  - (iii) piedmont alluvial plain
  - (iv) glacial-depositional plain
- (d) Deflation basins are found in glacial/aeolian/fluvial/coastal environment.
- (e) Jig-saw fitting is seen in between
- (i) North America and South America
  - (ii) South America and Africa
  - (iii) South America and Australia
  - (iv) Australia and North America
- (f) Seismic waves are recorded with the help of an instrument known as
- (i) Barograph
  - (ii) Climograph
  - (iii) Hythergraph
  - (iv) Seismograph
- (g) Which of the following is not a major plate?
- (i) Africa
  - (ii) Eurasia
  - (iii) Antarctica
  - (iv) Arabian

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( Continued )

2. Write very briefly on the following
- (a) Fluvial geomorphology
  - (b) Sial layer
  - (c) Natural levee
  - (d) Eustatism
3. Answer any three of the following
- (a) Describe the place of physical geography.
  - (b) Explain the theory proposed by Sir George
  - (c) Write a short note on valley.
  - (d) Diagrammatically represent stage of normal cycle mark thereon the following
    - (i) Oxbow lake
    - (ii) Flood plain
    - (iii) Point bar
    - (iv) Braided bar
    - (v) Open V-shaped valley
    - (vi) Erosional hill
  - (e) Distinguish between delta.

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4. Define physical geography. Explain the relationship of physical geography with other branches of earth science. 2+8=10

Or

Write an account on the modern views regarding the internal structure of the earth. 10

5. Give a critical analysis of the tetrahedral theory on the origin of the continents and oceans. 6+4=10

Or

Discuss in detail the features developed by erosional and depositional works of glacier. 5+5=10

6. What do you mean by diastrophic movement? Explain the different diastrophic forces and movements with examples. 2+4+4=10

Or

What is earthquake? Explain the causes and effects of earthquakes on men and earth's surface. 2+4+4=10

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