

2019

GEOGRAPHY

( Major )

Paper : 4.1

( Forms and Processes in Geomorphology )

Full Marks : 60

Time : 3 hours

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

1. Choose and write the correct answer :  $1 \times 7 = 7$

(a) Which of the following is not a geomorphic agent?

- (i) Cyclone
- (ii) Dust-laden wind
- (iii) Blizzard
- (iv) Land

(b) Alluviation is the process of formation of

- (i) peneplain
- (ii) pediplain
- (iii) alluvial plain
- (iv) pediment

- (c) Which of the following is not an example of exogenic process?
- (i) Volcanic eruption
  - (ii) Thunderstorm
  - (iii) Jet stream
  - (iv) Running water
- (d) A cross profile of a river is constructed in relation to
- (i) distance from the source of the river and height of places
  - (ii) distance from one bank of the channel to other bank and height of the places
  - (iii) distance from foothills and height of the places
  - (iv) distances from thalweg to both banks and height of the places
- (e) Which of the following is a geomorphic hazard?
- (i) Ozone depletion
  - (ii) Exfoliation
  - (iii) Flood
  - (iv) Running water

(f) Which of the following is not a channel pattern?

- (i) Straight channel
- (ii) Alluvial channel
- (iii) Meandering channel
- (iv) Braided channel

(g) Which of the following is not a drainage pattern?

- (i) Trellis pattern
- (ii) Meandering pattern
- (iii) Centripetal pattern
- (iv) Centrifugal pattern

2. Answer the following questions in brief :  $2 \times 4 = 8$

- (a) What do you mean by channel pattern?
- (b) What is natural levee?
- (c) State the difference between folded and faulted structure.
- (d) Define weathering.

3. Write short notes on any *three* of the following :  $5 \times 3 = 15$

- (a) Concept of drainage basin
- (b) Chemical weathering

- (c) Methods of stream ordering
- (d) Characteristics of long profile of a river
- (e) River as a fluvio-geomorphic agent

4. Answer the following questions : 10×3=30

- (a) Explain the processes of development of folded landforms. 10

Or

What is mass wasting? Explain various types of mass wasting. 3+7=10

- (b) Explain how a channel changes with time. 10

Or

What is a river? Explain how a river originates on the earth's surface. 2+8=10

- (c) Differentiate between alluvial plain and floodplain. Mention four characteristics of each of them. 6+4=10

Or

Discuss the management strategies to be adopted in mitigating landslide hazard. 10

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( Major )

Paper : 4.2

( **Human Geography** )

Full Marks : 60

Time : 3 hours

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

1. Choose the correct answer : 1×7=7

(a) Who proposed the theory of areal differentiation?

(i) Hartshorne

(ii) Humboldt

(iii) Ratzel

(iv) Chorley

(b) Who wrote the book, *Perspective on the Nature of Geography*?

(i) W. M. Davis

(ii) Ratzel

(iii) Huntington

(iv) Hartshorne

- (c) The founder of Neo-determinism was
- (i) Darwin
  - (ii) Friedrich Ratzel
  - (iii) Emmanuel Kant
  - (iv) Humboldt
- (d) Buddhism is an offshoot of what other major world religion?
- (i) Christianity
  - (ii) Zoroastrianism
  - (iii) Islam
  - (iv) Hinduism
- (e) Which of the following are hunting nomads?
- (i) Pygmies
  - (ii) Kazaks
  - (iii) Lapps
  - (iv) None of the above
- (f) Bushmen are the native people from which of the following continents?
- (i) North America
  - (ii) South America
  - (iii) Africa
  - (iv) Asia

(g) Which of the following races has yellow skin colour?

(i) Negroid

(ii) Caucasoid

(iii) Australoid

(iv) Mongoloid

2. Define the following terms : 2×4=8

(a) Cold desert

(b) Ecological balance

(c) Negroid racial group

(d) Possibilism

3. Write short notes on any *three* of the following : 5×3=15

(a) Branches of human geography

(b) Eskimos

(c) Linguistic regions in the world

(d) Locational school in human geography

(e) Transhumance

4. Discuss the works of major contributors to deterministic school in human geography. 10

Or

Describe the development of human geography with special reference to the contributions of the French geographers. 10

5. Elucidating the interaction of man and environment, discuss the impact of man on environment giving suitable examples. 3+7=10

Or

Discuss about the major environmental problems and human response to it. 10

6. Explain the concept of man-environment relationship. Discuss the life and activities of the people living in coastal region. 4+6=10

Or

Discuss about the characteristics and distribution of Caucasoid group of people in the world. 5+5=10

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