

Total number of printed pages-3

3 (Sem-2/CBCS) GGY HC 1

2023

GEOGRAPHY

(Honours Core)

Paper : GGY-HC-2016

(Human Geography)

Full Marks : 60

Time : Three hours

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

1. Answer in **a word or two** : $1 \times 7 = 7$
- (a) "Human geography is human ecology"
—who made this statement?
 - (b) The book *Anthropogeography* was written by whom?
 - (c) Who formulated the concept of "Stop-and-Go-Determinism"?
 - (d) In which areas the compact settlements are mostly found?

Contd.

(e) The term "conurbation" was coined by whom ?

(f) Mention *one* characteristic feature of a town.

(g) What is the formula to measure Cephalic Index ?

2. Answer the following questions in very short :
2×4=8

(a) What is Neo-Determinism ?

(b) Write *two* characteristics of Rural Settlement.

(c) Give *two* characteristics of the house types of Eskimos.

(d) What is rural-urban continuum ?

3. Answer in brief : **(any three)** 5×3=15

(a) Briefly explain the concept of Possibilism.

(b) What is environment and how it influences human life ?

(c) Give a brief description on geographical distribution of major tribes of Assam.

(d) *Climate change is anthropogenic.* Explain the statement with example.

(e) Write a note on Nucleated Settlement.

4. Answer the following questions : **(any three)**
10×3=30

(a) Define human geography. Discuss its nature and scope. 2+8=10

(b) Critically analyze the human's impact on environment and explain how it leads to global climate change. 6+4=10

(c) Explain the theory of urban settlement structure of Hoyt and mention its merits and demerits. 7+3=10

(d) Explain the concept of Neo-determinism and its relevance in understanding human-environment relationship in present-day context. 6+4=10

(e) Discuss the origin and functions of rural settlements. 5+5=10

(f) What are the major races of the world ? Discuss their global distribution. 2+8=10

Total number of printed pages-4

3 (Sem-2/CBCS) GGY HC 2

2023

GEOGRAPHY

(Honours Core)

Paper : GGY-HC-2026

(Climatology and Biogeography)

Full Marks : 60

Time : Three hours

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

1. Answer/Choose the correct option of the following : 1×7=7
- (a) Name the weather forecasting satellite of India.
- (b) Which of the following is a form of condensation ?
- (i) Evaporation
 - (ii) Evapotranspiration
 - (iii) Frost
 - (iv) Precipitation

Contd.

- (c) The father of biogeography is
- (i) H. Robinson
 - (ii) Hanns Reiter
 - (iii) Russel Wallace
 - (iv) Dr. Newbigin
- (d) In Wladimir Koppen's climatic classification, which alphabet is used to designate winterless climate ?
- (i) A
 - (ii) B
 - (iii) C
 - (iv) D
- (e) The word ecosystem was first proposed by
- (i) O. P. Odum
 - (ii) F. R. Fosberg
 - (iii) A. G. Tansley
 - (iv) None of the above
- (f) Which of the following is not an active soil-forming factor ?
- (i) Climate
 - (ii) Animals
 - (iii) Plants
 - (iv) Parent material

- (g) The line which joins the places having the same temperature is called
- (i) isobar
 - (ii) isotherm
 - (iii) isohel
 - (iv) isohyet

2. Write on the following in brief : $2 \times 4 = 8$

- (a) Aerosols
- (b) Pedology
- (c) Adiabatic process
- (d) Biodiversity hotspots

3. Answer **any three** from the following questions : $5 \times 3 = 15$

- (a) Differentiate between climatology and meteorology.
- (b) Write with suitable example about the various factors that control the temperature of a particular place.
- (c) Define biogeography and write the significance in geographical study.

$1 + 4 = 5$

- (d) What are ecology and ecosystem ? Discuss the functioning of ecosystem with the help of local examples. 2+3=5
- (e) Draw a sketch map of major global pressure belt and mention their characteristics. 2+3=5
4. Answer **any three** of the following questions : 10×3=30
- (a) With a neat diagram, discuss the characteristics of different layers of the earth's atmosphere.
- (b) Discuss how Wladimir Koppen used letter symbols to represent climatic types of the different areas of the earth's surface.
- (c) What are the major plant communities ? Discuss the distribution and characteristics of coniferous forest in the world. 2+8=10
- (d) What is soil horizon ? Discuss the characteristics of different soil horizons. 2+8=10
- (e) Discuss the characteristics of tropical and extra tropical cyclones.
- (f) Discuss how Indian monsoon brings about seasonal reversal of wind direction and associate weather changes throughout the country.
-