



ENTRANCE EXAMINATION, 2014

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**M.Phil./Ph.D.
REGIONAL DEVELOPMENT
(GEOGRAPHY)**

**M.Phil./Ph.D.
REGIONAL DEVELOPMENT
(GEOGRAPHY)**

[Field of Study Code : GEOP (142)]

Time Allowed : 3 hours

Maximum Marks : 70

SUBJECT
(Field of Study/Language)

FIELD OF STUDY CODE

NAME OF THE CANDIDATE
.....

INSTRUCTIONS FOR CANDIDATES

- (i) All questions are compulsory.
- (ii) All questions must be answered in the Question Paper itself.
- (iii) This Question Paper consists of *two* Parts—Parts I and II. Part—I comprises 20 multiple-choice questions carrying 1 mark each.
- (iv) Answer the questions of Part—I by putting a circle around the letter (*a.* or *b.* or *c.* or *d.*); for example, **(a.)** representing the correct choice. Any ambiguity in circling (for example, circling more than one alphabet/number or circling the space between two alphabets/numbers) will lead to the answer being marked wrong.
- (v) Questions of Part—II comprise 10 questions of 5 marks each. These questions should be answered in the space given in the Question Paper. All questions are compulsory.
- (vi) Extra pages are provided for Rough Work at the end of the booklet.

REGISTRATION NO.

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CENTRE OF EXAMINATION
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DATE

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(Signature of Candidate)

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(Signature of Invigilator)

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*(Signature and Seal of
Presiding Officer)*

PART—I

(Question Nos. 1 to 20 carry 1 mark each)

Encircle the correct answer :

1. The affective bond between place and people has been termed as
 - a. social space
 - b. cultural space
 - c. topophilia
 - d. geosophy

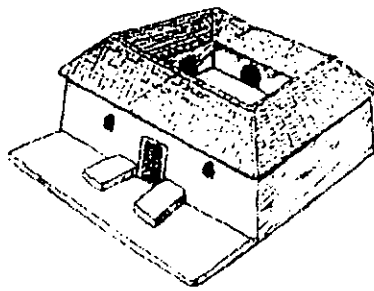
2. Acid rain is characterized by deposition of sulphuric acid and nitric acid on land and water by rainwater. Which one of the following is considered to be the average pH range in case of acid rain?
 - a. pH range 2 to 4
 - b. pH range 3 to 5
 - c. pH range 4 to 6
 - d. pH range 5 to 7

3. William Alonso's zonal model of urban land use was built on which one of the following models?
 - a. Weber's industrial location model
 - b. Christaller's central place theory
 - c. Gravity model
 - d. von Thünen's agricultural land use model

4. Which of the following schools of thought is known to have pioneered and emphasized on the complex relationship between landscape and way of life?
 - a. German school
 - b. French school
 - c. Chicago school
 - d. Berkeley school

5. Empirical regularity in urban-hierarchical relationships can be measured by which one of the following?
- a. Gini's coefficient
 - b. Location quotient
 - c. Rank-size rule
 - d. Exponential growth rate

6.



In which one of the following regions of India this is the most common house type?

- a. Dun and Bhabar
 - b. Kumaon
 - c. Eastern Uttar Pradesh
 - d. Bundelkhand
7. The geographical area within which living organism develops is known as
- a. Niche
 - b. Biome
 - c. Habitat
 - d. Lebensraum

8. The smallest difference in radiance detected by satellite is called
- spectral resolution
 - spatial resolution
 - radiometric resolution
 - temporal resolution
9. Data on environmental refugees can be obtained from which one of the following?
- Census of India
 - National Sample Survey Organization
 - National Family Health Survey
 - None of the above
10. The residual hills that stand out at the end of a karst cycle of erosion are called
- bornhardts
 - inselbergs
 - monadnocks
 - hums
11. Match the following :

List—A
(Types of Delta)

- Arcuate
- Bird's foot delta
- Cuspate delta
- Tidal delta

List—B
(Names of Delta)

- Tiber delta
- Ganga delta
- Nile delta
- Mississippi delta

Codes :

- | | | | | |
|----|---|---|---|---|
| a. | A | B | C | D |
| | 2 | 4 | 1 | 3 |
| b. | A | B | C | D |
| | 3 | 4 | 1 | 2 |
| c. | A | B | C | D |
| | 4 | 1 | 2 | 3 |
| d. | A | B | C | D |
| | 3 | 2 | 4 | 1 |

12. The theory of social capillary in population growth was given by
- Carr Saunders
 - Karl Marx
 - Josue de Castro
 - Arsene Dumount
13. Which one of the following is the right arrangement of ethnic groups found in India in terms of their spatial distribution from East to West?
- Dubla
 - Mao
 - Bodo
 - Baiga
- 1, 2, 3, 4
 - 3, 2, 1, 4
 - 2, 3, 4, 1
 - 3, 2, 4, 1
14. Khasi language belongs to which one of the following language groups?
- Indo-Aryan
 - Sino-Tibetan
 - Austic
 - Dravidian

15. With reference to the North-Atlantic gyre which one of the following is the correct sequence from West-North-East-South?
- North Atlantic Drift-Gulf Stream-Canaries-Caribbean
 - Caribbean-North Atlantic Drift-Gulf Stream-Canaries
 - Canaries-Gulf Stream-North Atlantic Drift-Caribbean
 - Gulf Stream-North Atlantic Drift-Canaries-Caribbean

16. 'Gerrymandering' refers to which one of the following?
- Landforms evolved in the mature stage of the normal cycle of erosion
 - Drawing of designs on cloth by Jerry cloth workers
 - Deliberate attempt to divert the attention of Jury by providing false evidences
 - Deliberate drawing of constituency boundaries to produce an electoral advantage

17. The following table gives the rank of countries in terms of their share in the production of—

A : Textile and apparel spinning
 B : Woven cotton fabric production

Identify the correct match :

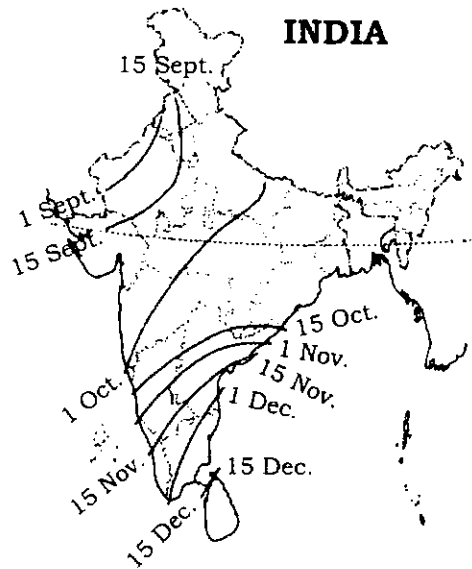
	Country	Rank—A	Rank—B
a.	Russia	2	4
b.	China	1	1
c.	India	1	2
d.	Brazil	3	2

18. 'Brandt Line' refers to which one of the following?
- a. The strategic division between the NATO and Warsaw Pact countries
 - b. Countries above and below in relation to internationally accepted limits of carbon emission
 - c. Economic and political divisions that exist between the developed and developing countries
 - d. Countries divided in terms of needs of sustainable development and challenges of vulnerability
19. Which one of the following is **not** an indicator of global warming?
- a. Rise in global average temperatures
 - b. Change in ice extent in Arctic Sea
 - c. Occurrence of extreme events in climatological parameters
 - d. Sudden occurrence of Tsunamis
20. The distribution of water in the following components of hydrological cycle is different. Which one of the following is correct order in descending order?
- a. Surface water → Glaciers and ice caps → Groundwater → Soil moisture
 - b. Glaciers and ice caps → Groundwater → Surface water → Soil moisture
 - c. Groundwater → Glaciers and ice caps → Soil moisture → Surface water
 - d. Glaciers and ice caps → Soil moisture → Surface water → Groundwater

PART—II

(Question Nos. 21 to 30 carry 5 marks each)

21.



The map indicates the movement of an important geographical phenomenon. Identify and analyze its spatio-temporal dynamics.

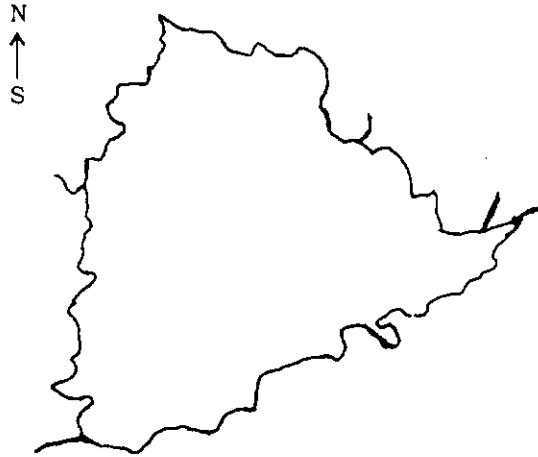
22.



These diagrams are indicative of an important spatial process. Identify the process and analyze.

23. What do you mean by social morphology? Elucidate your answer with appropriate examples from India.

24.



Identify the region. Give a regional account of this region. Why was this region important recently in India?

25. Critically evaluate the pattern of Human Development among different States of India.

26. What is a 'youth bulge'? Explain the factors and stage in which this phenomenon occurs in the history of a nation.

27. What is 'Kyoto Protocol'? What are the divergent views among the community of nations about it?

28. What do you understand by accumulation through dispossession?

29. What do you understand by inclusive growth? Do you think Right to Food is an important step towards achieving inclusive growth?

30. On the basis of data given in the following table, find—

(a) positional average;

(b) partition values :

<i>Mid values</i>	115	125	135	145	155	165	175	185	195
<i>Frequency</i>	6	25	48	72	116	60	8	22	3