

UGC NET 22nd June 2026 Shift 1 Geography Memory Based Paper-exam

Q1. Match the Following List-I (Ecosystem Type) and List-II (Example)

List I (Ecosystem Type)	List II (Example)
A. Terrestrial Ecosystem	I. Lake, Estuary
B. Aquatic Ecosystem	II. Crop field, Aquarium
C. Natural Ecosystem	III. Forest, Desert
D. Man-made Ecosystem	IV. Tundra, Grassland

Choose the correct option:

- (a) A-III, B-I, C-IV, D-II
- (b) A-IV, B-III, C-I, D-II
- (c) A-III, B-II, C-IV, D-I
- (d) A-II, B-IV, C-I, D-III

Ans.(a)

Q2. Consider

1. Every country has a maritime boundary.
 2. The Musandam Peninsula is a strategic position.
 3. The Strait of Hormuz is a major chokepoint.
 4. The territorial waters of a country extend up to 12 nautical miles from the coast.
- Which of the following statements are correct?

- (a) 1, 2 and 3
- (b) 2, 3 and 4
- (c) 1 and 4 only
- (d) 2 and 4 only

Ans.(b)

Q3. Arrange the following volcanic materials from finest to coarsest.

- A. Volcanic bomb
- B. Dust
- C. Ash
- D. Lapilli

Choose the correct sequence.

- (a) B, C, D, A
- (b) C, B, D, A
- (c) B, D, C, A
- (d) D, C, B, A

Ans.(a)

Directions (4-8): Read the following passage and answer all the questions accordingly

Population Composition refers to the internal structure of a population based on specific measurable attributes. Analyzing these attributes is vital for understanding a region's socio-economic potential and challenges.

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The most fundamental elements include Age and Sex, which are graphically represented by the Population Pyramid. A wide-based pyramid indicates a young, growing population with high dependency; a narrow base indicates slow growth or decline. Sex ratio (the number of females per 1000 males) reveals gender balance and often reflects societal bias or migration patterns.

Rural-Urban Composition shows the proportion of people living in urban centers versus rural areas, directly reflecting the level of industrialization and urbanization. Furthermore, Occupational Structure classifies the workforce into primary (agriculture), secondary (industry), and tertiary (services) sectors. This classification is a direct proxy for a country's economic development level, as advanced economies shift labor towards the tertiary and quaternary sectors. Other key aspects are Educational Composition (e.g., literacy rates) and Ethnic/Religious Composition, which influence human capital formation and political cohesion.

Q4. A country's population pyramid shows a wide base and a narrow top. This shape most directly indicates:

- (a) Aged dependency
- (b) Economic stagnation
- (c) Youth dependency
- (d) Secondary sector dominance

Ans.(c)

Q5. What is the primary indicator of a country's economic development level based on its occupational structure? If 60% of the workforce is in the Tertiary sector, this suggests:

- (a) The degree of industrialization
- (b) Reliance on service provision
- (c) The urbanization rate
- (d) The educational attainment level

Ans.(b)

Q6. A high sex ratio (more females per 1000 males) in a specific region, alongside a low birth rate, is most characteristic of which demographic trend?

- (a) High female literacy rates
- (b) Natural population increase
- (c) Selective migration patterns
- (d) Better healthcare facilities ensuring high female longevity.

Ans.(c)

Q7. The shift of a population's largest employment share from the Primary Sector to the Tertiary Sector, as measured by occupational structure, serves as the clearest indicator of a change in which other major population characteristic?

- (a) The stability of the ethnic composition.
- (b) The national mortality rate trend.
- (c) The level of economic development.
- (d) The ratio of aged dependents.

Ans.(c)

Q8. A geographer analyzing Rural-Urban Composition identifies a municipality experiencing a rapid increase in its proportion of the national population. This growth is primarily attributable to which type of population dynamics?

- (a) Declining urban mortality rates.
- (b) High rates of natural increase in the city.
- (c) Continuous in-migration from rural areas.
- (d) Decreasing total national population.

Ans.(c)

Q9. Consider the following:

- 1. Burgess model
- 2. It is based on land use
- 3. Land use changes

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1, 2 and 3
- (d) None

Ans.(c)

Q10. Match the following climate types with their primary characteristics.

List I (Köppen)	List II (Characteristics)
A. Af	1. Rainforest with no dry season
B. Aw	2. Tropical savanna with dry winter
C. BWh	3. Desert with hot summer and little rain
D. Cfa	4. Temperate forest with no summer and rainfall throughout the year

Options:

- (a) A-IV, B-I, C-III, D-II
- (b) A-II, B-I, C-III, D-IV
- (c) A-III, B-I, C-II, D-IV
- (d) A-I, B-II, C-III, D-IV

Ans.(d)

Q11. Which of the following pairs is/are correctly matched?

- 1. Mudflow - Slide
- 2. Soil creep - Heave
- 3. Rockslide - Flow

Select the correct answer using the code below:

- (a) 1 and 2 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 1 and 3 only

Ans.(b)

Q12. Arrange the following steps of GIS data processing in the correct technical order:

- A. Data Input
- B. Data Storage and Management
- C. Data Manipulation and Analysis
- D. Data Output

Options:

- (a) A, B, C, D
- (b) A, C, B, D
- (c) B, A, C, D
- (d) A, B, D, C

Ans.(a)

Q13. Arrange the following mountain ranges from oldest to youngest):

- A. Aravalli Range
- B. Gondwana
- C. Western Ghats
- D. Himalayas

Options:

- (a) A, B, C, D
- (b) B, A, C, D
- (c) A, C, B, D
- (d) C, B, A, D

Ans.(a)

Q14. Cartosat-2B is a satellite used for

- (a) Weather forecasting
- (b) Communication services
- (c) High-resolution mapping and cartography
- (d) Navigation

Ans.(c)

Q15. Match the

List I (Book)	List II (Author)
A. <i>Social Justice and the City</i>	1. Richard Hartshorne
B. <i>Geography: A Modern Synthesis</i>	2. David Harvey
C. <i>The Nature of Geography</i>	3. Peter Haggett
D. <i>Explanation in Geography</i>	4. David Harvey

- (a) A-2, B-3, C-1, D-4
- (b) A-1, B-2, C-3, D-4
- (c) A-3, B-1, C-4, D-2
- (d) A-4, B-3, C-2, D-1

Ans.(a)

Q16. Consider the following statements regarding ocean waves:

1. Wave height is the vertical distance between the crest and trough.
2. Wave period refers to the time taken by two successive crests to pass a fixed point.
3. Tsunami waves are primarily generated by underwater earthquakes.
4. Ocean waves transport water particles over long distances in the direction of wave travel.

Which of the statements given above are correct?

- (a) 1, 2 and 3 only
- (b) 2, 3 and 4 only
- (c) 1 and 4 only
- (d) 1, 2, 3 and 4

Ans.(a)

Q17. Which

1. Mistral
2. Bora
3. Buran
4. Santa Ana

- (a) 1, 2 and 3
- (b) 2, 3 and 4
- (c) 1 and 4 only
- (d) 1, 2, 3 and 4

Ans.(a)

Q18. The p

Philippines, the Pacific Ocean, the Chinese Sea, and the South China Sea.

- (a) Treaty of Amity and Commerce
- (b) Code of Commerce (Código de Comercio)
- (c) ASEAN Maritime Pact
- (d) South China Sea Declaration

Ans.(b)

Q19. Match

List I (Concept)	List II (Founder/Coiner)
A. Ecology	I. Robert T. Paine
B. Ecosystem	II. Ernst Haeckel
C. Ecological Niche	III. Arthur G. Tansley
D. Keystone Species	IV. Joseph Grinnell

- (a) A-II, B-III, C-IV, D-I
- (b) A-IV, B-II, C-I, D-III
- (c) A-III, B-IV, C-II, D-I
- (d) A-I, B-II, C-III, D-IV

Ans.(a)

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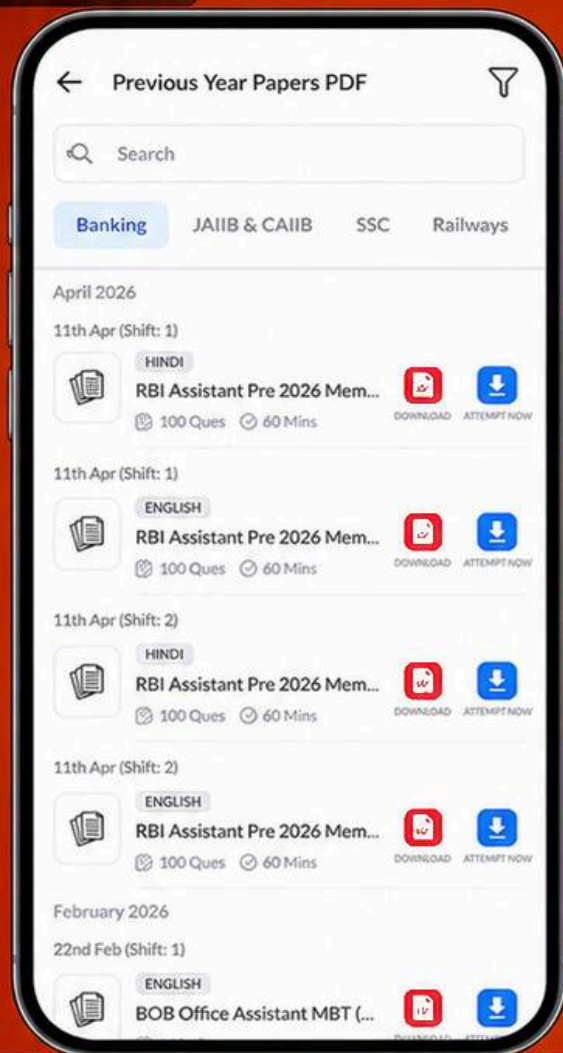
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Q20. India's and China's dependence on West Asian (Arab) countries for crude oil imports is an example of:

- (a) Cultural Dependency
- (b) Economic Dependency
- (c) Demographic Dependency
- (d) Environmental Dependency

Ans.(b)

Q21. Which of the following countries is often referred to as "Mini India" due to the large population of Indian origin residing there?

- (a) Fiji
- (b) Trinidad and Tobago
- (c) Mauritius
- (d) Guyana

Ans.(c)

Q22. As per the 2011 census, which state has the highest population growth rate?

- (a) Manipur
- (b) Nagaland
- (c) Tripura
- (d) Meghalaya

Ans.(b)

Q23. Who is considered the father of modern geography?

- (a) Carl Ritter
- (b) Alexander von Humboldt
- (c) Friedrich Ratzel
- (d) Paul Vidal de la Blache

Ans.(b)

Q24. Who is considered the father of modern geography?

- (a) Al-Biruni
- (b) Ibn Khaldun
- (c) Al-Masudi
- (d) Avicenna

Ans.(b)

Q25. Consider the following statements regarding the two major island groups of India:

Statement I: The Andaman and Nicobar Islands are believed to be the emergent peaks of submarine mountains, representing an extension of the Arakan Yoma mountain range of Myanmar.

Statement II: The Lakshadweep Islands are entirely of volcanic origin, formed by hot spot activity over the oceanic crust.

- (a) Both Statement I and Statement II are correct.
- (b) Both Statement I and Statement II are incorrect.
- (c) Statement I is correct but Statement II is incorrect.
- (d) Statement I is incorrect but Statement II is correct.

Ans.(c)