

CUET PG 2024 Applied Geography Question Paper with Solutions

Time Allowed :1 Hour 45 Mins	Maximum Marks :300	Total Questions :75
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General Instructions

Read the following instructions very carefully and strictly follow them:

1. The examination duration is 105 minutes. Manage your time effectively to attempt all questions within this period.
2. The total marks for this examination are 300. Aim to maximize your score by strategically answering each question.
3. There are 75 mandatory questions to be attempted in the Food Science and Technology paper. Ensure that all questions are answered.
4. Questions may appear in a shuffled order. Do not assume a fixed sequence and focus on each question as you proceed.
5. The marking of answers will be displayed as you answer. Use this feature to monitor your performance and adjust your strategy as needed.
6. You may mark questions for review and edit your answers later. Make sure to allocate time for reviewing marked questions before final submission.
7. Be aware of the detailed section and sub-section guidelines provided in the exam. Understanding these will aid in effectively navigating the exam.

1. _____ is a woolly-haired racial group.

- (a) Nordic
- (b) Alpine
- (c) Mediterranean
- (d) Negroes

Correct Answer: (d) Negroes.

Solution:

The "Negroes" refers to a woolly-haired racial group typically associated with Sub-Saharan African populations.

Quick Tip

Understanding racial categories in human geography helps in understanding the distribution and diversity of human populations.

2. In the High Stationary Stage of demographic transition ...

- (a) infant mortality rates are low
- (b) population growth rates are low and fluctuating
- (c) population explosion takes place
- (d) population growth rates are high due to high crude birth rates

Correct Answer: (b) population growth rates are low and fluctuating.

Solution:

In the High Stationary Stage, both birth and death rates are high, leading to a stable or slow-growing population with fluctuating growth rates.

Quick Tip

Demographic transition models help explain the change in population growth patterns due to socioeconomic development.

3. In 2022, life expectancy at birth was highest in __ :

- (a) Japan
- (b) United Kingdom
- (c) Switzerland
- (d) France

Correct Answer: (a) Japan.

Solution:

Japan has consistently ranked high in life expectancy, thanks to its healthcare system, diet, and social structure.

Quick Tip

Countries with strong healthcare systems and high standards of living tend to have the highest life expectancy rates.

4. _____ settlements are generally associated with fertile alluvial plains and security concerns.

- (a) Semi-compact
- (b) Hamleted
- (c) Nucleated
- (d) Dispersed

Correct Answer: (c) Nucleated.

Solution:

Nucleated settlements are typically found in fertile regions where land is highly valued for

agriculture and near water sources for protection and development.

Quick Tip

Nucleated settlements are often associated with areas of high agricultural value, which require organized land use.

5. _____ signifies 'super-metropolitan region' extending as a union of conurbations.

- (a) Global city
- (b) Megalopolis
- (c) Meta city
- (d) Edge city

Correct Answer: (b) Megalopolis.

Solution:

A megalopolis refers to a large, heavily urbanized area formed by the merging of multiple metropolitan areas.

Quick Tip

Megalopolises represent the integration of multiple urban areas, creating vast interconnected regions with high population densities.

6. Arrange the following religions in descending order in terms of the number of adherents in the world.

- (A) Hinduism
- (B) Christianity
- (C) Buddhism
- (D) Islam

Choose the correct answer from the options given below:

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

Correct Answer: (c) (B), (D), (A), (C).

Solution:

Christianity and Islam have the largest number of adherents, followed by Hinduism and Buddhism.

Quick Tip

Christianity and Islam are the two largest religions by number of adherents, with Hinduism and Buddhism following behind.

7. Arrange the following continents in descending order of level of urbanization in 2022:

- (A) Africa
- (B) South America
- (C) Asia
- (D) Europe

Choose the correct answer from the options given below:

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

Correct Answer: (d) (B), (D), (C), (A).

Solution:

South America is more urbanized than Europe, followed by Asia and then Africa, with Africa having the least level of urbanization.

Quick Tip

South America has a higher urbanization rate than Europe, with Asia and Africa trailing due to varying developmental levels.

8. Match List I with List II

LIST I	LIST II
A. Geography of Leisure	I. Psychology
B. Cultural Geography	II. Welfare Economics
C. Behavioural Geography	III. Anthropology
D. Geography of Social Well-being	IV. Sociology

Choose the correct answer from the options given below:

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

Correct Answer: (a) (A)-(IV), (B)-(III), (C)-(I), (D)-(II).

Solution:

The geography of leisure is related to sociology, cultural geography to anthropology, behavioral geography to psychology, and social well-being to welfare economics.

Quick Tip

Human geography overlaps with various disciplines such as sociology, anthropology, and economics to study the human-environment interaction.

9. Identify the correct statements with reference to the level of urbanization in 2022.

- (A) The level of urbanization at world level is 45 percent.
- (B) Africa is less urbanized as compared to world average level of urbanization.
- (C) Western Asia is more urbanized as compared to Central Asia.
- (D) Europe is less urbanized as compared to North America.

Choose the correct answer from the options given below:

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

Correct Answer: (b) (B), (C) and (D) only.

Solution:

The correct statements are: Africa is less urbanized compared to the world average, Western Asia is more urbanized than Central Asia, and Europe is less urbanized compared to North America.

Quick Tip

Urbanization levels can vary significantly between regions, with Europe and North America having higher urbanization rates than Africa and parts of Asia.

10. Scale is commonly used to evaluate topological and metric properties of the geographic features on a map except.

- (a) Distance
- (b) Direction
- (c) Connectivity
- (d) Contiguity

Correct Answer: (d) Contiguity.

Solution:

Scale is used for distance, direction, and connectivity but not for contiguity, which refers to the adjacency or closeness of features, not directly measurable on a map scale.

Quick Tip

Contiguity refers to how close or adjacent features are to each other, which cannot be directly evaluated using a scale.

11. If two points located 10 kms apart on ground are shown 5 cm apart on a map, then the scale of the map is

- (a) 1:200
- (b) 1:20000
- (c) 1:200000
- (d) 1:2000

Correct Answer: (c) 1:200000

Solution:

Scale is calculated by dividing the actual distance by the map distance. The scale of the map is 1:200000 based on the given dimensions.

Quick Tip

Always convert the actual ground distance to the map distance to determine the scale.

12. In a Zenithal projection a ____ is made tangent to a transparent globe.

- (a) plane
- (b) cone
- (c) circle
- (d) cylinder

Correct Answer: (a) plane.

Solution:

Zenithal projections use a plane tangent to the globe at a single point to create the projection.

Quick Tip

Zenithal projections are typically used for maps of polar regions.

13. Bonne's projection is a modified version of the:

- (a) Cylindrical projection
- (b) Zenithal projection
- (c) Mercator's projection
- (d) Simple conical projection

Correct Answer: (d) Simple conical projection.

Solution:

Bonne's projection is a variation of the simple conical projection with a secant standard parallel.

Quick Tip

This projection is often used for mapping areas that are not far from the equator.

14. Which of the following landforms is represented in the diagram given below:



- (a) plain
- (b) V-shaped valley
- (c) U-shaped valley
- (d) hill

Correct Answer: (d) hill.

Solution:

The diagram represents a hill, which is a raised area of land, typically smaller than a mountain. A U-shaped valley is created by glacial activity, but the image in the question describes a hill.

Quick Tip

A hill is a small raised area of land, whereas U-shaped valleys are shaped by glaciers.

15. Arrange the following reference number of topographical maps/sheets in order of scale from larger to smaller.

- (A). 44 A/10/5
- (B). 53 B/10
- (C). 64C
- (D). 45

Choose the correct answer from the options given below:

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

Correct Answer: (a) (A), (B), (C), (D).

Solution:

The reference number system ranks topographical maps by scale, with smaller numbers representing larger scale maps.

Quick Tip
In topographic maps, lower reference numbers indicate higher resolution maps with larger scales.

16. Identify the correct statements about scale and representation of information on maps.

- (A) Increasing the size of the denominator of R.F. means making each detail smaller and less exact on a map.
- (B) A map always gives every detail to scale.
- (C) As more area is covered by the same size map, exactness of delineation increases and more details can be shown.
- (D) All maps give areas covered by spatially distributed details to the scale shown within the scope of each map unit.

Choose the correct answer from the options given below:

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

Correct Answer: (c) (A) and (D) only.

Solution:

Maps represent the world in a reduced scale, with larger denominator sizes resulting in less detailed, smaller representations. The statements about R.F. and the representation of spatially distributed details are correct.

Quick Tip
Maps with a larger denominator represent smaller areas with less detailed features. Accuracy and scale are fundamental for map reading.

17. Identify correct statements about flow diagrams.

- (A) When part of the commodity is diverted to a different direction, the main flowline also becomes thicker proportionately.
- (B) The thickness of the lines is determined by the volume or quantity of flow.
- (C) Movement of goods can be shown only in one direction.
- (D) These are not suitable to represent international, national or regional flow of various commodities.

Choose the correct answer from the options given below:

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

Correct Answer: (d) (A) and (B) only.

Solution:

Flow diagrams use line thickness to represent the volume of flow and can show the diversion of commodities.

Quick Tip

Flow diagrams are ideal for representing the quantity and direction of movement of goods and commodities.

18. Match LIST I with LIST II

LIST I	LIST II
A. Million sheet	I. $4^{\circ} \times 4^{\circ}$
B. Quarter-inch sheet	II. $1^{\circ} \times 1^{\circ}$
C. Half-inch sheet	III. $30' \times 30'$
D. Special sheet	IV. $7'30'' \times 7'30''$

Choose the correct answer from the options given below:

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

Correct Answer: (a) (A)-(I), (B)-(II), (C)-(III), (D)-(IV).

Solution:

Each type of sheet is associated with a different area and scale.

Quick Tip

The sheet size corresponds to the level of detail represented on the map.

19. Choose the sequence of the following Biosphere Reserves from West to East as per Map of India.

- (A) Panna
- (B) Simlipal
- (C) Nilgiri
- (D) Manas

Choose the correct answer from the options given below:

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

Correct Answer: (b) (C), (A), (B), (D).

Solution:

The correct sequence of the Biosphere Reserves from West to East is: Nilgiri, Panna, Simlipal, and Manas.

Quick Tip
Biosphere reserves are important for the conservation of biodiversity and ecological preservation across regions.

20. Choose the sequence of the following initiatives of Govt. of India in chronological order of their initiation

- (A) Biological Diversity Act
- (B) National Green Tribunal
- (C) National Environment Policy
- (D) Project Elephant

Choose the correct answer from the options given below:

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

Correct Answer: (c) (D), (A), (C), (B).

Solution:

The correct chronological order of the initiatives is Project Elephant, Biological Diversity Act, National Environment Policy, and National Green Tribunal.

Quick Tip

These initiatives are critical to environmental conservation and biodiversity protection in India.

21. Match List I with List II

LIST I (National Parks)	LIST II (States)
A. Keoladeo	I. Assam
B. Bandipur	II. Chhattisgarh
C. Indravati	III. Karnataka
D. Kaziranga	IV. Rajasthan

Choose the correct answer from the options given below:

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

Correct Answer: (a) (A) - (IV), (B) - (III), (C) - (II), (D) - (I).

Solution:

Keoladeo is located in Rajasthan, Bandipur in Karnataka, Indravati in Chhattisgarh, and Kaziranga in Assam.

Quick Tip

Understanding the geographic location of national parks helps in mapping and conservation planning.

22. The aim of the Indian Rhino Vision-2020 was to increase one-horn Rhino population at least up to by 2020.

- (a) 1000
- (b) 2000
- (c) 3500
- (d) 3000

Correct Answer: (d) 3000.

Solution:

The Indian Rhino Vision-2020 aimed to increase the population of one-horned rhinoceroses in Assam to at least 3000 by 2020.

Quick Tip

Conservation initiatives such as the Indian Rhino Vision play a critical role in the preservation of endangered species.

23. Acid rain is caused by

- (a) ozone depletion
- (b) water pollution
- (c) deforestation
- (d) air pollution

Correct Answer: (d) air pollution.

Solution:

Acid rain is caused by the release of sulfur dioxide (SO₂) and nitrogen oxides (NO_x) into the atmosphere, primarily from industrial and vehicular emissions.

Quick Tip

Reducing air pollution from industrial and vehicular sources can help mitigate the effects of acid rain.

24. _____ is a natural cause of loss of biodiversity.

- (a) Habitat loss
- (b) Environmental pollution
- (c) Drought
- (d) Intensive agriculture

Correct Answer: (c) Drought.

Solution:

Droughts can significantly impact biodiversity by reducing water availability, affecting food sources, and causing habitat loss.

Quick Tip

Droughts, though a natural phenomenon, can exacerbate biodiversity loss, especially in arid and semi-arid regions.

25. Identify the correct statements.

- (A) The term Ecology was coined by Haeckel in 1869.
- (B) Ecology is the study of relationships between organisms and their physical environment as well as relationships among organisms.

- (C) The term Ecosystem was coined by Tansley in 1924.
(D) The sequential succession in 'sere' begins with 'Climatic Climax'.

Choose the correct answer from the options given below:

- (a) (B) and (D) only.
(b) (A) and (B) only.
(c) (A) and (D) only
(d) (C) and (D) only.

Correct Answer: (b) (A) and (B) only.

Solution:

Ecology was coined by Haeckel, and it studies the relationships between organisms and their environments. Ecosystem was coined by Tansley, and the concept of 'Climatic Climax' refers to ecological succession.

Quick Tip

Ecology provides a framework for understanding the interaction between living organisms and their environment.

26. _____ is constructed to protect coastal land from sea wave and current erosion.

- (a) Break Waters
(b) Masonary Sea Wall
(c) Groins
(d) Dredging

Correct Answer: (b) Masonary Sea Wall.

Solution:

Masonry sea walls are constructed to prevent erosion by acting as a barrier against waves and currents along coastlines.

Quick Tip

Masonry sea walls are effective in coastal protection, especially in areas where high wave energy is common.

27. Which of the following is NOT a biotic component of an ecosystem?

- (a) Plants
(b) Animals
(c) Chemotrophs
(d) Air

Correct Answer: (d) Air.

Solution:

Air is an abiotic component, while plants, animals, and chemotrophs are biotic components of an ecosystem.

Quick Tip

Biotic components are living organisms, whereas abiotic components like air, water, and minerals are non-living factors.

28. _____ steel plant was set up with German collaboration.

- (a) Bhilai
- (b) Rourkela
- (c) Bokaro
- (d) Durgapur

Correct Answer: (b) Rourkela.

Solution:

Rourkela Steel Plant was established with German collaboration in 1955 under the technical assistance agreement with Germany.

Quick Tip

Rourkela Steel Plant was the first integrated steel plant in India, set up with foreign collaboration.

29. The North-South and the East-West corridors intersect at

- (a) Katni
- (b) Gwalior
- (c) Agra
- (d) Thansi

Correct Answer: (d) Thansi.

Solution:

The North-South and East-West corridors of the Indian National Highway Network intersect at Thansi, providing a vital junction for transportation.

Quick Tip

The intersection of these corridors enhances connectivity and supports economic growth by improving transportation networks.

30. In 2021-22, the leading state in marine fish production was

- (a) Gujarat
- (b) Andhra Pradesh
- (c) West Bengal
- (d) Tamil Nadu

Correct Answer: (a) Gujarat.

Solution:

Gujarat has been the leading state in India in marine fish production, contributing significantly to the national fish production.

Quick Tip

Gujarat's long coastline and advanced fishing practices make it the largest contributor to marine fish production in India.

31. Among the following states, -- recorded the lowest literacy in 2011.

- (a) Maharashtra
- (b) Himachal Pradesh
- (c) Punjab
- (d) Uttarakhand

Correct Answer: (c) Punjab.

Solution:

Punjab recorded the lowest literacy rate in 2011 among the given states.

Quick Tip

Literacy rates can differ widely across states depending on their socio-economic development and educational initiatives.

32. In 2011, the average annual exponential population growth rate of India was ---- percent.

- (a) 2.6
- (b) 1.97
- (c) 1.64
- (d) 1.76

Correct Answer: (c) 1.64.

Solution:

India's average annual population growth rate was 1.64% in 2011.

Quick Tip

Population growth rate is crucial for understanding demographic trends and planning resources.

33. In 2011, the most urbanized state among the following was:

- (a) Tamil Nadu
- (b) Kerala
- (c) Maharashtra
- (d) Mizoram

Correct Answer: (d) Mizoram.

Solution:

Mizoram had the highest urbanization rate in 2011 among the options given.

Quick Tip

Urbanization varies across states, with some states experiencing higher rates of urban growth due to economic opportunities and migration.

34. Kudremukh iron ore area is located in

- (a) Jharkhand
- (b) Karnataka
- (c) Madhya Pradesh
- (d) Chhattisgarh

Correct Answer: (b) Karnataka.

Solution:

Kudremukh is one of the largest iron ore mining areas in Karnataka, India.

Quick Tip

Kudremukh is important for India's iron ore supply, located in the Western Ghats of Karnataka.

35. Arrange the following states in descending order in sugarcane production in 2021-22.

- (A) Karnataka
- (B) Gujarat
- (C) Uttar Pradesh
- (D) Maharashtra

Choose the correct answer from the options given below:

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

Correct Answer: (c) (C), (D), (A), (B).

Solution:

The correct order of sugarcane production in 2021-22 is Uttar Pradesh, Maharashtra, Karnataka, and Gujarat.

Quick Tip

Uttar Pradesh and Maharashtra are the top producers of sugarcane in India, followed by Karnataka and Gujarat.

36. Match List I with List II

LIST I (Hydro Electric Project)	LIST II (State)
A. Machkund	I. Uttar Pradesh
B. Obra	II. Odisha
C. Mettur	III. West Bengal
D. Jaldhaka	IV. Tamil Nadu

Choose the correct answer from the options given below:

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

Correct Answer: (d) (A) - (II), (B) - (I), (C) - (IV), (D) - (III).

Solution:

The Machkund hydroelectric project is located in Odisha, Obra in Uttar Pradesh, Mettur in Tamil Nadu, and Jaldhaka in West Bengal.

Quick Tip

Hydroelectric projects are critical for renewable energy generation and are strategically located across India.

37. Identify the correct statements.

- (A) Deccan trap is dominantly made up of sedimentary rocks.
- (B) Dharwar rocks of India are rich in coal reserves.
- (C) Himalayas belong to alpine orogeny.

(D) Main Boundary Thrust lies between the Lower Himalaya and the Outer Himalaya.

Choose the correct answer from the options given below:

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

Correct Answer: (b) (C) and (D) only.

Solution:

The Himalayas belong to alpine orogeny, and the Main Boundary Thrust separates the Lower Himalaya and the Outer Himalaya.

Quick Tip

The Himalayan orogeny has shaped the geological features of the region, affecting biodiversity and geology.

38. According to explaining the economic landscape, the prime objective of economic geography is:

- (a) Wetgens
- (b) Brown
- (c) Thoman
- (d) Huntington

Correct Answer: (a) Wetgens.

Solution:

Wetgens is recognized for emphasizing the role of economic geography in explaining the economic landscape.

Quick Tip

Economic geography is essential for understanding the relationship between location, economy, and resources.

39. Ruhr-Westphalia coalfield is located in

- (a) Germany
- (b) USA
- (c) Spain
- (d) Brazil

Correct Answer: (a) Germany.

Solution:

The Ruhr-Westphalia coalfield is one of the largest coalfields in Europe, located in Germany.

Quick Tip

The Ruhr region is crucial for Germany's industrialization and remains one of Europe's major coal-producing areas.

40. Pilbara and Mt. Tom Price are major iron ore fields of

- (a) China
- (b) Brazil
- (c) South Africa
- (d) Australia

Correct Answer: (d) Australia.

Solution:

Pilbara and Mt. Tom Price are located in Western Australia and are known for some of the world's largest iron ore deposits.

Quick Tip

Australia is one of the top producers and exporters of iron ore, with Pilbara being a significant mining region.

41. Shifting cultivation is known as Chena in

- (a) Malaysia
- (b) Sri Lanka
- (c) Indonesia
- (d) Nigeria

Correct Answer: (b) Sri Lanka.

Solution:

In Sri Lanka, shifting cultivation is locally known as Chena, a traditional agricultural practice.

Quick Tip

Chena cultivation involves clearing forests or shrublands for farming, which is prevalent in some parts of Sri Lanka.

42. The Orient Express runs in

- (a) Japan
- (b) China

- (c) Europe
- (d) South America along Andes mountains

Correct Answer: (c) Europe.

Solution:

The Orient Express is a famous long-distance train that operates in Europe, primarily connecting Paris with Istanbul.

Quick Tip

The Orient Express is iconic for its luxurious service and historical significance in European rail travel.

43. Kanagawa Science Park is located in

- (a) South Korea
- (b) North Korea
- (c) Japan
- (d) Vietnam

Correct Answer: (c) Japan.

Solution:

Kanagawa Science Park is located in Japan, known for its innovation and research in science and technology.

Quick Tip

Japan is a global hub for technology and innovation, and Kanagawa Science Park contributes to its research and development initiatives.

44. In 2021-22, the leading exports of India were of

- (a) Agriculture and allied products
- (b) Ores and Minerals
- (c) Crude and Petroleum Products (including coal)
- (d) Manufactured goods

Correct Answer: (d) Manufactured goods.

Solution:

Manufactured goods remained the leading export category for India in 2021-22, contributing significantly to the country's economy.

Quick Tip

India's manufacturing sector plays a crucial role in the nation's export economy.

45. Arrange the following industrial centres of USA in east to west direction.

- (A) Chicago
- (B) Pittsburgh
- (C) Baltimore
- (D) Seattle

Choose the correct answer from the options given below:

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

Correct Answer: (b) (C), (B), (A), (D).

Solution:

The correct order of the industrial centers in the USA from east to west is Baltimore, Pittsburgh, Chicago, and Seattle.

Quick Tip

The industrial centers of the USA span the country from east to west, contributing to various sectors such as manufacturing and trade.

46. Match List I with List II

LIST I (HDI Level)	LIST II (Country)
A. Very High	I. Brazil
B. High	II. Yemen
C. Medium	III. New Zealand
D. Low	IV. India

Choose the correct answer from the options given below:

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

Correct Answer: (d) (A) - (III), (B) - (I), (C) - (IV), (D) - (II).

Solution:

New Zealand has a very high HDI, Brazil has high HDI, Yemen has medium HDI, and India

has low HDI.

Quick Tip

The Human Development Index (HDI) is a composite measure used to rank countries based on their level of human development.

47. Identify the correct statements with reference to Weber's Industrial Location Theory.

- (A) The theory was proposed by American scholar Weber in 1909.
- (B) It is based on the principle of least-cost location.
- (C) Weber used critical isodapane concept to show the effect of cheaper labor.
- (D) It is based on multiple modes of transportation.

Choose the correct answer from the options given below:

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

Correct Answer: (c) (B) and (C) only.

Solution:

Weber's Industrial Location Theory is primarily based on the principle of least-cost location, emphasizing how labor costs impact industrial placement, using the concept of critical isodapane.

Quick Tip

Weber's model provides essential insights into the location of industries by focusing on minimizing costs related to transportation and labor.

48. The maximum damage to property in earthquake is caused by

- (a) P Waves
- (b) S Waves
- (c) L Waves
- (d) Gamma Waves

Correct Answer: (c) L Waves.

Solution:

L Waves, also known as surface waves, cause the maximum damage to structures during an earthquake due to their slow but powerful motion.

Quick Tip

Surface waves are the most destructive during earthquakes as they travel along the Earth's surface.

49. Tsunami is not caused by

- (a) Undersea Earthquake
- (b) Undersea Massive Landslide
- (c) Undersea Explosive Volcano
- (d) Collision of Continental Plates

Correct Answer: (d) Collision of Continental Plates.

Solution:

Tsunamis are generally caused by undersea earthquakes, landslides, or volcanic eruptions, not by the collision of continental plates alone.

Quick Tip

Tsunamis are typically triggered by sudden movements of the Earth's crust, such as undersea earthquakes or volcanic eruptions.

50. The flood caused by high tidal waves is called

- (a) Coastal Flood
- (b) Urban Flood
- (c) Flash Flood
- (d) River Flood

Correct Answer: (a) Coastal Flood.

Solution:

Coastal floods are caused by high tidal waves, often as a result of storm surges or tsunamis, affecting coastal areas.

Quick Tip

Coastal floods are common in areas prone to hurricanes, cyclones, or tsunamis, where tides and storm surges can cause significant damage.

51. The catastrophic cyclones in Saffir-Simpson scale are also known as

- (a) Scale-I
- (b) Scale-V
- (c) Scale-IV

(d) Scale-III

Correct Answer: (b) Scale-V.

Solution:

The most catastrophic cyclones on the Saffir-Simpson scale are categorized as Scale-V, which indicates wind speeds of over 157 mph (252 km/h).

Quick Tip

Saffir-Simpson scale is used to measure the intensity of hurricanes and cyclones, with Scale-V representing the most severe.

52. ____ drought represents deficiency of surface and groundwater storages.

- (a) Meteorological
- (b) Agricultural
- (c) Hydrological
- (d) Ecological

Correct Answer: (c) Hydrological.

Solution:

Hydrological drought occurs when there is a deficiency in surface and groundwater storage, affecting water supply for both human use and ecosystems.

Quick Tip

Hydrological drought is associated with a significant reduction in water resources, often affecting rivers and groundwater tables.

53. As per National Disaster Management Authority (NDMA) Act, 2005 -- acts as the chairperson of NDMA.

- (a) Prime Minister of India
- (b) President of India
- (c) Union Home Minister
- (d) Union Defence Minister

Correct Answer: (a) Prime Minister of India.

Solution:

According to the NDMA Act, 2005, the Prime Minister of India serves as the chairperson of the National Disaster Management Authority.

Quick Tip

The NDMA is tasked with formulating policies, plans, and guidelines for disaster management in India.

54. Match List I with List II

LIST I (Hazard Types)	LIST II (Impacts)
A. Geological	I. Building or Bridge Collapse
B. Climate	II. Epidemics
C. Biological	III. Flood & Drought
D. Accidental	IV. Landslide

Choose the correct answer from the options given below:

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

Correct Answer: (a) (A) - (IV), (B) - (III), (C) - (II), (D) - (I).

Solution:

Geological hazards lead to landslides, climate hazards cause floods and droughts, biological hazards result in epidemics, and accidental hazards cause building or bridge collapse.

Quick Tip

Understanding the impact of different hazards is critical for effective disaster management and mitigation.

55. Arrange the following major earthquakes of India in descending order of their magnitude.

- (A) Bhuj, Gujarat (2001)
- (B) Darbhanga, Bihar (1988)
- (C) Jabalpur, Madhya Pradesh (1997)
- (D) Uttarkashi, Uttarakhand (1991)

Choose the correct answer from the options given below:

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

Correct Answer: (b) (A), (B), (D), (C).

Solution:

The earthquakes are arranged in descending order of magnitude as Bhuj, Gujarat (2001), Darbhanga, Bihar (1988), Uttarkashi, Uttarakhand (1991), and Jabalpur, Madhya Pradesh (1997).

Quick Tip

Understanding the magnitude of historical earthquakes helps in assessing seismic risk and preparedness.

56. Arrange the following cyclones in descending order of their occurrence year.

- (A) Tith
- (B) Amphan
- (C) Tauktae
- (D) Fani

Choose the correct answer from the options given below:

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

Correct Answer: (d) (C), (B), (D), (A).

Solution:

The cyclones in descending order of their occurrence year are Tauktae, Amphan, Fani, and Tith.

Quick Tip

Cyclones are named in chronological order, and their intensity can vary depending on oceanic and atmospheric conditions.

57. Identify the Do's during Cyclone disaster.

- (A) Switch on the light for better visibility.
- (B) Try to stay in the affected area as long as you can.
- (C) Move your valuable items to upper floors to avoid flood damage.
- (D) Trust only on messages broadcasted by government officials.

Choose the correct answer from the options given below:

- (a) (B) and (D) only.
- (b) (C) and (D) only.
- (c) (A) and (D) only.
- (d) (B) and (C) only.

Correct Answer: (b) (C) and (D) only.

Solution:

During a cyclone disaster, it is important to trust official sources of information and protect valuable items by moving them to higher floors to prevent flood damage.

Quick Tip

Effective disaster management involves following safety protocols and heeding official government advisories.

58. MICE is an acronym for

- (a) Meeting In Controlled Environment
- (b) Meetings, Incentives, Conferences, Exhibitions
- (c) Make Indigenous Conversation Environment
- (d) Made In China Exclusively

Correct Answer: (b) Meetings, Incentives, Conferences, Exhibitions.

Solution:

MICE refers to a specialized tourism segment that focuses on meetings, incentives, conferences, and exhibitions, and plays an important role in the global tourism industry.

Quick Tip

MICE tourism is an essential segment in business tourism, promoting networking and business development opportunities.

59. __ holds the highest percent share in Foreign Tourist Arrivals in India during 2021.

- (a) USA
- (b) Bangladesh
- (c) England
- (d) Australia

Correct Answer: (a) USA.

Solution:

The USA recorded the highest share in foreign tourist arrivals in India in 2021, driven by strong cultural and business connections.

Quick Tip

The United States has historically been a major source of international tourists for India due to its large diaspora and business ties.

60. -- state registered the highest percentage of Domestic Tourist Visits during 2021.

- (a) Andhra Pradesh
- (b) Karnataka
- (c) Tamil Nadu
- (d) Uttar Pradesh

Correct Answer: (d) Uttar Pradesh.

Solution:

Uttar Pradesh registered the highest percentage of domestic tourist visits in 2021, largely due to its significant religious sites like Varanasi and Agra.

Quick Tip
Uttar Pradesh is a major center for religious tourism in India, attracting millions of domestic visitors each year.

61. -- was ranked at top in Travel and Tourism Development Index, 2021.

- (a) USA
- (b) Japan
- (c) Spain
- (d) Switzerland

Correct Answer: (b) Japan

Solution:

The Japan was ranked at the top in the Travel and Tourism Development Index 2021 due to its infrastructure and tourism resources.

Quick Tip
Tourism indices are important indicators of the economic impact of tourism on a country's development.

62. The Draft of recent National Tourism Policy was finalized in the year

- (a) 2022
- (b) 2023
- (c) 2020
- (d) 2021

Correct Answer: (a) 2022.

Solution:

The National Tourism Policy Draft was finalized in 2022 to boost the tourism sector and encourage sustainable tourism practices.

Quick Tip

National policies play an important role in shaping the direction of tourism development in the country.

63. Arrange the following Natural Tourism sites from North to South on Map of India.

- (A) Bandipur National Park
- (B) Kaziranga National Park
- (C) Nanda Devi Biosphere Reserve
- (D) Kanha National Park

Choose the correct answer from the options given below:

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

Correct Answer: (b) (C), (B), (D), (A).

Solution:

The correct sequence from north to south is Nanda Devi Biosphere Reserve, Kaziranga National Park, Kanha National Park, and Bandipur National Park.

Quick Tip

Geographic knowledge of tourism sites helps in better planning and route development for tourists.

64. Identify the correct statements about Medical Tourism in India.

- (A) India has the team of world's best doctors.
- (B) Indian system of medicines are among the most ancient systems of medical treatment.
- (C) Most doctors and nurses are fluent in English.
- (D) The healthcare facilities in India are best in the world.

Choose the correct answer from the options given below:

- (a) (A) and (D) only.
- (b) (B) and (C) only.
- (c) (C) and (D) only.
- (d) (B) and (D) only.

Correct Answer: (b) (B) and (C) only.

Solution:

India is known for its ancient medical systems like Ayurveda and Unani, and most medical professionals are fluent in English, which helps attract international patients.

Quick Tip

Medical tourism is a growing sector in India, driven by quality healthcare at affordable costs.

65. Match List I with List II

LIST I (Tourist Sites)	LIST II (State/UTs)
Ellora Caves	I. Kerala
Sun Temple	II. Maharashtra
Kovalam Beach	III. Tamil Nadu
Ooty	IV. Odisha

Choose the correct answer from the options given below:

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

Correct Answer: (d) (A) - (II), (B) - (IV), (C) - (I), (D) - (III).

Solution:

Ellora Caves are in Maharashtra, Sun Temple is in Odisha, Kovalam Beach is in Kerala, and Ooty is in Tamil Nadu.

Quick Tip

India has diverse tourist attractions, from ancient caves to beautiful beaches, and each state has its unique offerings.

66. Match List I with List II

LIST I (Tourist Place)	LIST II (Tourism Type)
A. Valley of Flowers	I. Medical
B. Kashi Vishwanath	II. Cultural
C. Vadnagar	III. Natural
D. Medanta	IV. Pilgrimage

Choose the correct answer from the options given below:

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

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

Correct Answer: (d) (A) - (III), (B) - (IV), (C) - (II), (D) - (I).

Solution:

Valley of Flowers is a natural site, Kashi Vishwanath is a pilgrimage site, Vadnagar is a cultural site, and Medanta is a medical tourism facility.

Quick Tip

India offers diverse tourism options, ranging from natural wonders to cultural and religious heritage sites.

67. --- headed the World Commission on Environment and Development.

- (a) Zubcevic
- (b) Fieldhouse
- (c) Brundtland
- (d) Reagan

Correct Answer: (c) Brundtland.

Solution:

Gro Harlem Brundtland, former Prime Minister of Norway, headed the World Commission on Environment and Development and is known for her work on sustainable development.

Quick Tip

The World Commission on Environment and Development, led by Brundtland, popularized the concept of sustainable development.

68. The deadline for achieving the Millennium Development Goals was the year

- (a) 2015
- (b) 2030
- (c) 2012
- (d) 2010

Correct Answer: (a) 2015.

Solution:

The Millennium Development Goals (MDGs) set by the United Nations were targeted to be achieved by 2015.

Quick Tip

The MDGs aimed to address global poverty, education, gender equality, and other critical issues by 2015.

69. National Environment Policy, 2006 defines CDM as

- (a) Clean Development Mechanism
- (b) Combined Development Mechanism
- (c) Community Development and Management
- (d) Community Development Mechanism

Correct Answer: (a) Clean Development Mechanism.

Solution:

The Clean Development Mechanism (CDM) is defined in the National Environment Policy, 2006, and is aimed at reducing greenhouse gas emissions while promoting sustainable development.

Quick Tip

CDM projects provide a means to achieve environmental sustainability while facilitating economic growth.

70. UN Climate Change Conference (COP27) was held in

- (a) United Kingdom
- (b) Egypt
- (c) UAE
- (d) Brazil

Correct Answer: (b) Egypt.

Solution:

The 27th UN Climate Change Conference of the Parties (COP27) was held in Egypt in 2022, focusing on climate action and sustainable development.

Quick Tip

COP27 in Egypt brought together nations to address the global climate crisis and enhance cooperation for sustainable development.

71. Countries with high levels of human development invest more in

- (a) agriculture sector
- (b) industrial sector

- (c) research
- (d) social sector

Correct Answer: (d) social sector.

Solution:

Countries with high human development typically invest in the social sector, which includes education, healthcare, and welfare to improve the quality of life.

Quick Tip

High human development prioritizes well-being, which is supported through investment in social services.

72. Arrange the following themes of Sustainable Development Goals in ascending order of their Goal number.

- (A) Decent Work and Economic Growth
- (B) Reduced Inequalities
- (C) No Poverty
- (D) Life on Land

Choose the correct answer from the options given below:

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

Correct Answer: (b) (C), (A), (B), (D).

Solution:

The correct order of the SDGs by their Goal number is: No Poverty (1), Decent Work and Economic Growth (8), Reduced Inequalities (10), and Life on Land (15).

Quick Tip

The SDGs cover a range of critical areas, each addressing a different facet of sustainable development.

73. Match List I with List II

LIST I (MDGs)	LIST II (Theme)
A. Goal-1	I. Ensure Environmental Sustainability
B. Goal-5	II. Global Partnership for Development
C. Goal-8	III. Improve Maternal Health
D. Goal-7	IV. Eradicate Extreme Poverty

Choose the correct answer from the options given below:

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

Correct Answer: (b) (A) - (IV), (B) - (III), (C) - (II), (D) - (I).

Solution:

The Millennium Development Goals (MDGs) focus on eradicating poverty, improving health, achieving gender equality, and ensuring environmental sustainability.

Quick Tip

MDGs were designed to focus on addressing urgent global challenges and improving people's quality of life.

74. Match List I with List II

LIST I (Events)	LIST II (Year)
A. Millennium Summit	I. 2015
B. Rio+20	II. 2012
C. Agenda 2030	III. 2000
D. World Summit on Sustainable Development	IV. 2002

Choose the correct answer from the options given below:

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

Correct Answer: (c) (A) - (III), (B) - (II), (C) - (I), (D) - (IV).

Solution:

The Millennium Summit occurred in 2000, Rio+20 in 2012, Agenda 2030 in 2015, and the World Summit on Sustainable Development in 2002.

Quick Tip

These global summits set the framework for sustainable development and cooperation among countries.

75. Identify the correct statements about the Rio+20 summit.

- (A) It was held at Rio De Janeiro in 2015.
- (B) It initiated the process to develop a set of Sustainable Development Goals.
- (C) It ignored the UNEP on several fronts.
- (D) It adopted ground-breaking guidelines on Green Economy Policy.

Choose the correct answer from the options given below:

- (a) (A) and (D) only.
- (b) (B) and (C) only.
- (c) (B) and (D) only.
- (d) (C) and (D) only.

Correct Answer: (c) (B) and (D) only.

Solution:

The Rio+20 summit, held in 2012, was significant for initiating the process of developing the SDGs and adopting guidelines for a Green Economy.

Quick Tip
The Rio+20 summit played a key role in shaping the sustainable development agenda and addressing global challenges.
