

CUET Geography Set-3

Year 2025

Time Allowed: **60** minutes

Maximum Marks: **250**

Total Questions: **50**

Number of questions to be answered : **50**

Kindly read the Instructions given on this Page and Back Page carefully before attempting this Question Paper.

Important Instructions for the Candidates :

1. This Test contains 50 questions printed in English. Out of these, the candidate is required to answer all 50 questions.
2. Each question has four answer options. Out of these four options choose the MOST APPROPRIATE OPTION.
3. Five (5) marks will be given for each correct answer. One (1) mark will be deducted for each incorrect answer. Unanswered questions will be given no mark.

Q1. Scenario: Proposed lithium mining in Rajasthan faces opposition due to:

1. Groundwater contamination risk
2. Displacement of pastoralists
3. Threat to endangered species

Question: Which sustainability principle is most compromised?

- a) Intergenerational equity
- b) Polluter pays principle
- c) Precautionary principle
- d) Common but differentiated responsibility

Q2. If a copper mine has:

1. 1.5% ore grade
 2. 90% recovery rate
 3. Daily processing capacity: 10,000 tons
- How much pure copper is produced monthly (30 days)?

- a) 4,050 tons
- b) 40,500 tons
- c) 405 tons
- d) 13,500 tons

Q3. Case Study (2024):

Passage: "City X has landfill sites overflowing due to non-segregation of wet and dry waste."

Question: Which policy is most effective to address this?

- (a) Incineration
- (b) Bioremediation
- (c) Swachh Bharat Mission
- (d) Extended Producer Responsibility (EPR)

Q4.

River Basin	Rainfall (mm)	Groundwater Use (%)	Irrigation Efficiency (%)
Godavari	1200	45	38%
Cauvery	850	72	55%

Question: Which conclusion is most valid?

- a) Higher rainfall correlates with better irrigation efficiency
- b) Intensive groundwater use improves water utilization
- c) Cauvery basin shows unsustainable water management
- d) Godavari's low efficiency indicates poor farming practices

Q5. Which pollutant is the primary cause of "Delhi smog"? (2022, 2023, 2024)

- (a) CO₂
- (b) PM2.5
- (c) SO₂
- (d) O₃

Q6. Scenario: Maharashtra's Vidarbha region switched from cotton to oranges due to:

1. Erratic monsoon patterns
2. Rising temperatures
3. Market demand

Question: This represents what type of agricultural adaptation?

- a) Crop substitution
- b) Input intensification
- c) Spatial diversification
- d) Temporal adjustment

Q7. Match demographic trends with economic impacts:

Column I (Demographic Trends)	Column II (Economic Impacts)
A. Female workforce	i. Remittance economies
B. Skilled migration	ii. Gig economy expansion
C. Aging population	iii. Healthcare industry growth
D. Urban youth bulge	iv. Flexi-time service jobs

- a) A-iv, B-i, C-iii, D-ii
- b) A-iii, B-ii, C-iv, D-i
- c) A-i, B-iv, C-ii, D-iii
- d) A-ii, B-iii, C-i, D-iv

Q8. Assertion-Reasoning (2024):

Assertion: The IT industry is a footloose industry.

Reason: It does not depend on raw material location.

- (a) Both A and R are true, and R explains A.
- (b) Both are true but R does not explain A.
- (c) A is true but R is false.
- (d) A is false but R is true.

Q9. Case Study (2024):

Passage: "City X faces groundwater depletion due to excessive tube-well use."

Question: Which policy is most effective to address this?

- (a) Rainwater harvesting
- (b) Subsidy on electricity
- (c) Crop rotation
- (d) All of the above

Q10. Which mineral deposit formation process is most critical for India's aluminum industry?

- a) Placer deposits in riverbeds
- b) Lateritization in tropical climates
- c) Hydrothermal vein formation
- d) Evaporite sedimentation

Q11. Which is the longest national highway in India? (2022, 2024)

- (a) NH-44
- (b) NH-27
- (c) NH-19
- (d) NH-48

Q12. A city showing 15% population growth but 5% housing expansion likely faces:

- a) Declining fertility rates
- b) Rural-urban wage parity
- c) Informal settlement growth
- d) Industrial decentralization

Q13. Which pollutant is the primary cause of "acid rain"? (2023, 2024)

- (a) CO₂
- (b) SO₂
- (c) CH₄
- (d) O₃

Q14. Which port is the largest container terminal in India? (2023, 2024)

- (a) Kandla
- (b) Jawaharlal Nehru Port (Nhava Sheva)
- (c) Chennai
- (d) Visakhapatnam

Q15. Process: Drought → Crop Failure → ? → Urban Informal Sector Growth
Missing Link:

- A) Land fragmentation
- B) Rural debt accumulation
- C) Agricultural subsidies
- D) Soil conservation

Q16. Which is NOT a characteristic of India's demographic dividend phase?

- A) Falling dependency ratio
- B) Rising median age
- C) Increasing female workforce participation
- D) Declining savings rate

Q17. Which Indian city generates the highest municipal solid waste per capita? (2022, 2024)

- (a) Mumbai
- (b) Delhi
- (c) Bengaluru
- (d) Chennai

Q18. Scenario: A Himalayan village shifts from compact to dispersed settlement due to tourism.
Primary Driver:

- A) Land price inflation
- B) Road network expansion
- C) Agricultural mechanization
- D) Cultural assimilation

Q19. Which conservation method is used for sustainable mining? (2022, 2023)

- (a) Overburden dumping
- (b) Reforestation
- (c) Subsurface mining
- (d) All of the above

Q20. Match the following:

Column I (Industry Type)	Column II (Industry Examples)
A) Footloose	i) Cement industry
B) Market-oriented	ii) Sugar mills
C) Weight-losing	iii) Bakeries
D) Ubiquitous	iv) Semiconductor plants

- a) A-iv, B-iii, C-ii, D-i
- b) A-ii, B-i, C-iii, D-iv
- c) A-i, B-iv, C-ii, D-iii
- d) A-iv, B-iii, C-i, D-ii

Q21. Arrange India's economic phases:

- i) Green Revolution
- ii) LPG reforms
- iii) Planning Commission
- iv) Make in India

- a) iii, i, ii, iv
- b) i, iii, iv, ii
- c) iv, ii, i, iii
- d) ii, iv, iii, i

Q22. Which organization regulates global trade disputes? (2022, 2023)

- (a) IMF
- (b) World Bank
- (c) WTO
- (d) UNCTAD

Q23. Scenario: Tribal opposition to bauxite mining despite 25% revenue sharing.
Conflict Root:

- A) Intergenerational equity
- B) Cultural sovereignty
- C) Environmental justice
- D) All of above

Q24. A trade surplus occurs when: (2024)

- (a) Imports > Exports
- (b) Exports > Imports
- (c) Foreign investment increases
- (d) Tariffs are reduced

Q25. The 'extended dry spell' phenomenon in monsoon agriculture refers to:

- a) <7 rainless days during crop season
- b) 15+ consecutive rainless days post-sowing
- c) Delayed monsoon onset by 2 weeks
- d) Early monsoon withdrawal

Q26. The Eastern Dedicated Freight Corridor will most benefit which export commodity?

- a) Software services
- b) Automotive components
- c) Pharmaceutical products
- d) Fresh horticulture produce

Q27. Which industrial pollutant causes 'biological magnification' in aquatic ecosystems?

- a) Particulate matter
- b) Heavy metals
- c) Thermal discharge
- d) Noise pollution

Q28. India's 'water stress' condition ($<1700 \text{ m}^3/\text{capita}/\text{year}$) is exacerbated by:

- a) Declining per capita agricultural land
- b) Rising groundwater salinity
- c) Increasing virtual water exports
- d) All of the above

Q29. The 'heat island intensity' of a city is measured by:

- a) Daytime rural-urban temperature difference
- b) Annual mean temperature variation
- c) Nighttime urban-rural temperature gap
- d) Coastal-inland temperature contrast

Q30. Panama Canal uses which lock system? (2022, 2023)

- (a) Three-lock
- (b) Six-lock
- (c) Eight-lock
- (d) Ten-lock

Q31. If Station X (25°N) receives 500mm rain in July, Station Y (25°S) likely gets:

- A) $<100\text{mm}$
- B) 500mm
- C) $>800\text{mm}$
- D) 300mm

Q32. Which doesn't match its typical soil?

- A) Taiga - Podzols
- B) Savanna - Laterites
- C) Desert - Aridisols
- D) Tundra - Gelisols

Q33. Which is a common problem of urban settlements in developing countries? (2023, 2024)

- (a) Overpopulation and slums
- (b) Excessive green cover
- (c) Low pollution levels
- (d) Decentralized governance

Q34. Conditions: Steep slopes + Deforestation + High-intensity rain
Probable Outcome:

- A) Karst sinkholes
- B) Mudflows
- C) Sand dunes
- D) Frost heaving

Q35. Kerala's declining fertility rate despite high literacy contradicts:

- A) Demographic transition theory
- B) Malthusian theory
- C) Boserup hypothesis
- D) None, it validates DTT

Q36. Case Study (2024):

Passage: "City X has concentric zone model with CBD, industries, and suburbs."

Question: Which theory explains this pattern?

- (a) Bid-Rent Theory
- (b) Central Place Theory
- (c) Sector Model
- (d) Multiple Nuclei Model

Q37. PM-KUSUM's solar pump scheme primarily addresses:

- A) Groundwater depletion
- B) Crop diversification
- C) Soil salinity
- D) Fragmented landholdings

Q38. Which industry is "footloose" due to minimal location constraints? (2024)

- (a) Steel
- (b) Footwear
- (c) IT/Software
- (d) Petroleum

Q39. The deepest landlocked port in India is: (2023)

- (a) Mumbai
- (b) Paradip
- (c) Vishakhapatnam
- (d) Haldia

Q40. Which Indian port is the largest container terminal? (2022, 2023, 2024)

- (a) Kandla
- (b) Jawaharlal Nehru Port (Nhava Sheva)
- (c) Chennai
- (d) Visakhapatnam

Read the given passage carefully and answer the five questions that follow:

"Urban Heat Island (UHI) effect refers to the phenomenon where metropolitan areas experience significantly higher temperatures than surrounding rural regions due to human activities. 1 Key contributors include concrete and asphalt surfaces (which absorb and retain heat), reduced green cover, and waste heat from vehicles and industries. Delhi's UHI intensity has increased by 2.3°C since 2000, with night-time temperatures 4-6°C higher than nearby villages. Mitigation strategies like cool roofs, urban forestry, and improved building materials are being implemented under the National Smart Cities Mission, though challenges like funding gaps and lack of policy enforcement persist."

Q41. What is the primary cause of Urban Heat Island effect?

- (a) Increased rainfall in cities
- (b) Heat-absorbing urban surfaces
- (c) Higher wind speeds in metropolitan areas
- (d) Excessive cloud cover

Q42. By how much has Delhi's UHI intensity increased since 2000?

- (a) 1.5°C
- (b) 2.3°C
- (c) 3.7°C
- (d) 4.0°C

Q43. Which mitigation strategy is NOT mentioned in the passage?

- (a) Cool roofs
- (b) Urban forestry
- (c) Solar panel installations
- (d) Improved building materials

Q44. What is the night-time temperature difference between Delhi and nearby villages?

- (a) 2-3°C
- (b) 4-6°C
- (c) 7-8°C
- (d) 1-2°C

Q45. Which program addresses UHI mitigation in India?

- (a) AMRUT Mission
- (b) National Smart Cities Mission
- (c) Swachh Bharat Abhiyan
- (d) Jal Jeevan Mission

Read the given passage carefully and answer the five questions that follow:

"Punjab, India's 'granary,' faces severe groundwater depletion due to intensive paddy cultivation, with water tables falling by 0.5 meters annually. The state accounts for 27% of India's groundwater extraction despite having only 1.5% of the country's geographical area. Policy interventions like the 'Paani Bachao, Paisa Kamao' scheme incentivize farmers to shift from paddy to maize, but adoption remains low due to MSP (Minimum Support Price) assurances for rice. Climate change has exacerbated the crisis, with erratic monsoon patterns reducing natural recharge."

Q46. What is the annual decline rate of Punjab's groundwater levels?

- (a) 0.2 meters
- (b) 0.5 meters
- (c) 1.0 meter
- (d) 1.5 meters

Q47. Which crop is incentivized under 'Paani Bachao, Paisa Kamao'?

- (a) Wheat
- (b) Paddy
- (c) Maize
- (d) Sugarcane

Q48. What percentage of India's groundwater extraction comes from Punjab?

- (a) 15%
- (b) 27%
- (c) 35%
- (d) 10%

Q49. Why do farmers resist shifting from paddy?

- (a) Lack of irrigation facilities
- (b) MSP assurances for rice
- (c) Higher maize market prices
- (d) Soil incompatibility

Q50. Which factor worsens Punjab's groundwater crisis?

- (a) Excessive rainfall
- (b) Erratic monsoon patterns
- (c) Urbanization
- (d) Industrial pollution

Answer key:

Q.No.	Ans	Q.No.	Ans
1	c	26	b
2	a	27	b
3	d	28	d
4	c	29	c
5	b	30	a
6	a	31	a
7	d	32	b
8	a	33	a
9	a	34	b
10	b	35	d
11	a	36	a
12	c	37	a
13	b	38	c
14	b	39	c
15	b	40	b
16	d	41	b
17	b	42	b
18	a	43	c
19	d	44	b
20	d	45	b
21	a	46	b
22	c	47	c
23	d	48	b
24	b	49	b
25	b	50	b