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Part III — GEOGRAPHY

(English Version)

Time Allowed : 3 Hours]

[Maximum Marks : 150

PART - I

- N. B. :* i) Answer all questions.
ii) All questions carry equal marks.

SECTION - A

(Marks : $15 \times 1 = 15$)

I. Fill in the blanks :

- Coniferous forests are a biome.
- is the world's ancient biome.
- help us to understand working potential.
- The proponent of Central Place Theory is
- Transport cost is determined by the weight of materials and
- The most intensive air passenger transport is between and
- In telecommunication, the information is exchanged through
- The national mission wherein remote sensing techniques are used to provide pre-harvest estimates on crop is
- Most of the freshwater of the world is locked up in

[Turn over

10. In Madurai district, the foothills of the in valley are buried under sand dunes.
11. "Don't make things worse" is the guiding principle in for disasters.
12. The Sahel is a narrow band of in West Africa.
13. Global loss in biodiversity and wild places are not the stuff of
14. Irrigation accounts for per cent of the world's water use.
15. India has trillion cubic metres of freshwater every year.

SECTION - B

(Marks : $15 \times 1 = 15$)

II. i) Match the following :

- | | |
|----------------|--------------------------------|
| 16. Hazard | a) Capacity to recover |
| 17. Resilience | b) Hot desert |
| 18. Cholera | c) Disaster |
| 19. Rajasthan | d) Flood |
| 20. Haiti | e) Acute infection of the gut. |

ii) Match the following :

- | | |
|-----------------------------------|--|
| 21. Beneath the seas | a) Hexagonal |
| 22. Theory of industrial location | b) Narrow casting |
| 23. Marx's idea | c) Benthos |
| 24. Market settlements | d) Weber |
| 25. Broadcasting | e) Capitalism and resources mismanagement. |

- | | |
|-------------------------------|-------------------------|
| 26. Energy resource | a) Canada |
| 27. Amu Darya River | b) Govt. of India |
| 28. N.R.S.S. | c) 1988 |
| 29. Unlimited supply of water | d) Sun |
| 30. Earth share | e) Former Soviet Union. |

SECTION - C

(Marks : $10 \times 1 = 10$)

III. Choose the correct answer :

31. A continuous stretch of biome around the poles is
- | | |
|----------------|---------------------|
| a) cold desert | b) tropical seas |
| c) grass lands | d) temperate lands. |
32. The reason why the developing countries are unable to exploit their entire working potential is
- | | |
|-----------------------------|--------------------------------|
| a) small population numbers | b) lack of resources |
| c) absence of hard work | d) lack of essential services. |
33. The minimum population required for a commodity to be sold in the market is
- | | |
|--------------|---------------|
| a) 0 — 50 | b) 100 — 200 |
| c) 200 — 300 | d) 300 — 400. |
34. The trade in which one good is exchanged for another is
- | | |
|---------------------|--------------------------|
| a) Barter | b) Special Drawing Right |
| c) Dunkel Agreement | d) Trade balance. |
35. The carrier that transports armies and medical personnel quickly to the needy is
- | | |
|--------------|----------------|
| a) Air buses | b) Helicopters |
| c) Satellite | d) Trains. |
36. The system that has been set up by the Indian Government for the management of natural resources is
- | | |
|----------|---------|
| a) RRSSC | b) ISRO |
| c) NNRMS | d) FAO. |

[Turn over

37. The region where the Amazon and the Congo traverse is

- a) Temperate region
- b) Polar region
- c) Equatorial region
- d) Tropical region.

38. The warmest decade of the 20th century is

- a) 1990
- b) 1920
- c) 1970
- d) 1910.

39. The President of Sierra Club is

- a) Theodore Roosevelt
- b) John Muir
- c) George Bush
- d) Indira Gandhi.

40. The links that are established for selling the consumer products are

- a) input linkages
- b) output linkages
- c) strong linkages
- d) weak linkages.

SECTION - D

(Marks :10 × 1 = 10)

IV. Pick up the correct statement :

41. a) Equatorial rain forests and the tropical deciduous forests include forest biomes.
- b) Equatorial rain forests and the tropical deciduous forests include Taiga biomes.
- c) Equatorial rain forests and the tropical deciduous forests include Savanna biomes.
42. a) In Africa and Latin America, poverty and illiteracy are the severe problems.
- b) In Africa and Latin America, poverty and malnutrition are the severe problems.
- c) In Africa and Latin America poverty, shortfall of basic needs and insufficient medical facilities are the severe problems.

43. a) The activity that obtains its resources directly from the nature is primary industry.
- b) The activity that obtains its resources directly from the nature is secondary industry.
- c) The activity that obtains its resources from the nature is tertiary industry.
44. a) The trade in which a country exports to another and buys the commodities it requires from the third with the money received from its exports is called internal trade.
- b) The trade in which a country exports to another and buys the commodities it requires from the third with the money received from its exports is called bilateral trade.
- c) The trade in which a country exports to another and buys the commodities it requires from the third with the money received from its exports is called multilateral trade.
45. a) Radio receives the sound waves from the air and converts them into the programmes we hear.
- b) Television receives the sound waves from the air and converts them into the programmes we hear.
- c) Video receives the sound waves from the air and converts them into the programmes we hear.
46. a) Junctions connect one level of road with another.
- b) Nodes connect one level of road with another.
- c) Flyovers connect one level of road with another.
47. a) The country which has achieved potable water supply for all her people is Malawi.
- b) The country which has achieved potable water supply for all her people is Malaysia.
- c) The country which has achieved potable water supply for all her people is Sudan.

48. a) NDVI is based on field level data.
b) NDVI is based on secondary data.
c) NDVI is based on satellite data.
49. a) Inter-state River Linkages is the present talk of India.
b) Rainwater Harvesting is the present talk of India.
c) Environmental protection is the present talk of India.
50. a) John Muir suggested that humans should strive for environmental wisdom.
b) Henry David Thoreau suggested that humans should strive for environmental wisdom.
c) Theodore Roosevelt suggested that humans should strive for environmental wisdom.

PART - II

(Marks : $15 \times 2 = 30$)

- V. Note :
- i) Answer each question briefly.
 - ii) All questions carry equal marks.
 - iii) Answer any *fifteen* of the following questions.

51. Name the four major and very important ecosystems useful for mankind.
52. Name the moving and non-moving creatures beneath the sea surface.
53. What are the reasons for uneven distribution of population ?
54. What do humans need for a life of quality ?
55. Define Nucleated village.
56. Define Site.
57. Define Weak linkage.
58. What are tertiary industries ?
59. What is meant by trade balance ?
60. Define Trade.
61. What is transport network ?

62. Mention first four generations of computers.
63. What is called as sun-synchronous satellite ?
64. Define remote sensing platform.
65. What are the two important crises of freshwater in the developing countries ?
66. What is land degradation ?
67. What is hazard ?
68. Give examples of raw materials.
69. Write a short note on fuel.
70. What is meant by conservation of wild life ?

PART - III

(Marks : $6 \times 5 = 30$)

- VI. Note :
- i) Answer each question in a paragraph (200 words).
 - ii) All questions carry equal marks.
 - iii) Answer any six of the following.

71. Write about temperate grassland biome.
72. What is the meaning of Marx's population theory ?
73. Write a short note on Million cities.
74. Describe functional linkage.
75. Write a short note on trade-trap.
76. Write a short note on T.G.V. Train.
77. Write about the activities of the National Resource Information System.
78. Describe the distribution of water in the world.
79. Describe desertification.

PART - IV

- VII. Note :
- i) Answer each question in detail.
 - ii) All questions carry equal marks.
 - iii) Answer any *three* questions from **Section - A**.

SECTION - A

(Marks : $3 \times 10 = 30$)

80. Write in detail about Malthus' population theory.
81. Explain the geographical factors on trade.
82. Explain Weber's theory of Industrial location.
83. Describe the meaning of water pollution.
84. Write in detail about the world's water demand.

SECTION - B

(Marks : $1 \times 10 = 10$)

85. Explain any one desert biome. Mark the deserts on the given World map.

OR

Describe the impact of earthquakes with reference to Turkey in 1999 and mark the earthquake regions on the given World map.
