

Answer Paper - Part I

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|---------------------|----------------|------------------|-----------------------|-------------------|
| 01. Soil | 02. 5 - 6 | 03. Humidity | 04. Granite | 05. North America |
| 06. Volcanic | 07. Superior | 08. -7 °C | 09. Temperate | 10. Wheat |
| 11. 4 | 12. 1 | 13. 2 | 14. 2 | 15. 4 |
| 16. 2 | 17. 2 | 18. 3 | 19. 3 | 20. 2 |
| 21. (✓) | 22. (x) | 23. (x) | 24. (x) | 25. (✓) |
| 26. (✓) | 27. (x) | 28. (✓) | 29. (✓) | 30. (x) |
| 31. Mountain ranges | 32. Biological | 33. Atlantic | 34. 30 / 35 | 35. Rhine |
| 36. Geo plates | 37. 10 / 12 | 38. Stratosphere | 39. Nitrogen & Oxygen | |
| 40. Reservoirs | | | | |

PART - II

- 01 Mark and name the 08 places in the word map. (20m.)
- 02 (1) A - Thermosphere B - Stratosphere C - 20 km D - 80 km E - 10,000 km (05m.)
(2) Contribute the existence of biosphere / Occurrence of many climatic conditions / Occurrence of lapse rate etc., (03m.)
(3) Oceans, Surface water, Under ground water atmospheric water, Soil water (02m.)
- 03 (1) A - Continental crust B - Oceanic crust (02m.)
(2) A - Granite B - Basalt (02m.)
(3) Mohorovicic discontinuity. (02m.)
(4) Construction of surface soil / Growth of plants on soil / Survival of life etc., (04m.)
- 04 (1) A - Tropical zone B - Temperate zone C - Polar / Cold zone (03m.)
(2) Zone A - Tropical Zone - Gradually rain through out the year / Diversity in rainfall / Monsoon climatic features / Presence of large grasslands. (03m.)
(3) Seasonal variation, Winter season, low temperature, Mediterranean climate (04m.)
- 05 (1) Thailand / China / India etc., (03m.)
(2) Use of organic manure / Use of more machinery / Use of biotechnology to produce crops which resists the diseases and pests. cultivation of high valued varieties etc. (03m.)
(3) Use of modern technology. / Use of machinery / Use of new seeds etc., (04m.)
- 06 (1) Mountain ranges, Plateaus, Plains, rivers etc., (03m.)
(2) Description. (03m.)
(3) 02 marks for each way of utilizing the feature. (04m.)