APPENDIX: I

ACHIEVEMENT TEST IN GEOGRAPHY

| Date | : | | Ma | x. Marks: 100 | | | | | |
|------|--|------------------|---|--------------------|--|--|--|--|--|
| Std. | : IX | | Tin | ne: 1 hr 40 min. | | | | | |
| NAMI | E : | ••••••• | •••••• | ••••• | | | | | |
| ROLI | Z NO. : | •••••• | | | | | | | |
| Choo | se (Circle) the | e right answe | r from the four a | alternatives given | | | | | |
| 1. | The tropic of Cancer does not pass through | | | | | | | | |
| | a) Rajasthan | b) Orissa | c) Chhattisgarh | d) Tripura | | | | | |
| 2. | The easternmo | ost longitude of | India is | | | | | | |
| | a) 97° 25' E | b) 77° 6' E | c) 68° 7' E | d) 82° 32′ E | | | | | |
| 3. | Uttaranchal, U | | Bihar, West Benga | l and Sikkim have | | | | | |
| | a) China | b) Bhutan | c) Nepal | d) Myanmar | | | | | |
| 4. | - | | i during your summ rritories of India yo | | | | | | |
| | a) Pondiche | erry c) | Andaman and Nico | obar | | | | | |
| | b) Lakshad | weep d) | Diu and Daman | | | | | | |

| 5. | My friend hails from a country which does not share land boundary with India. Identify the country. | | | | | | |
|-----|---|-----------------------------|--------------|--|--|--|--|
| | a) Bhutan b) Tajikista | an c) Bangladesh | d) Nepal | | | | |
| 6. | A landmass bounded by sea or | three sides is referred to | as | | | | |
| | a) Coast b) Island c) Po | eninsula d) None of | the above | | | | |
| 7. | Mountain ranges in the eastern part of India forming its boundary with Myanmar are collectively called as | | | | | | |
| | a) Himachal | c) Purvanchal | | | | | |
| | b) Uttaranchal | d) None of the above | | | | | |
| 8. | The western coastal strip, sour | th of Goa is referred to as | | | | | |
| | a) Coromandel b) Konkan | c) Malabar d)Nor | thern Circar | | | | |
| 9. | The highest peak in the Easter | n Ghats is | | | | | |
| | a) Anai Mudi | c) Mahendrag | iri | | | | |
| | b) Kanchenjunga | d) Khasi | | | | | |
| 10. | Which one of the following resembling the branches of a t | | ge patterns | | | | |
| | a) Radial b) Dendrit | ic c) Centrifugal | d) Trellis | | | | |
| 11. | In which of the following state | s is the Wular lake located | 1? | | | | |
| | a) Rajasthan b) Uttar Prades | h c) Punjab d) Jammı | u & Kashmir | | | | |

| 12. | The r | iver Narmad | ce at | | | | |
|-----|----------------|----------------|----------------|--------------------------|-------------|------------|---------------|
| | a) Sa | tpura | | c) Am | ıarkantak | | |
| | b) Br | ahmagiri | | d) Slo | pes of the | e Western | Ghats |
| 13. | Whic | h one of the f | following lake | es is a salt water lake? | | | |
| | a) Sar | nbhar | b) Dal | c) W | ular | d) Gobii | nd Sagar |
| 14. | Whic India | | e following is | the lo | ongest riv | er of the | Peninsular |
| | a) Narr | nada | b) Krishna | c) Go | odavari | d) Ma | ahanadi |
| 15. | Which | one amongs | t the followin | g river | s flows th | rough a r | ift valley? |
| | a) Dam | odar | b) Tungabh | adra | c) Krishr | na | d) Tapi |
| 16. | Which world | | following plac | ces reco | eives the l | highest ra | infall in the |
| | a) Silch | ar b) Ma | awsynram | c) Ch | errapunji | d) Gu | ıwahati |
| 17. | The v | vind blowing | in the northe | ern plai | ns in sum | mers is k | nown as. |
| | a) Ka | al Baisakhi | b) Loo c) T | rade V | Vinds d) | None of t | the above |
| 18. | Whic | n one of the | following car | uses ra | infall dur | ing winte | rs in north- |
| | weste | ern part of In | dia | | | | |
| | a) | Cyclonic de | pression | | | | |
| | b) | Western dis | sturbances | | | | |
| | c) | Retreating | monsoon | | | | |
| | d) | Southwest | monsoon | | | | |

| | a) | Early | May | | c) | Early J | uly | |
|-----|-------|------------------------------|-------------|--------------|-----------------------|------------|---------------|------|
| | b) | Early | June | | d) | Early A | August | |
| 20. | Whi | ch one | of the foll | lowing chai | racterizes the | e cold we | eather seaso | n in |
| | India | a? | | | | | | |
| | a) | Wai | rm days a | nd Warm n | ights | | | |
| | b) | Wai | m days a | nd cold nig | hts | | | |
| | c) | Coo | l days and | hts | | | | |
| | d) | d) Cold days and warm nights | | | | | | |
| 21. | | which | one of th | ne followin | g types of | vegetatio | on does rub | ber |
| | a) Tı | undra | b) Tidal | c) Hir | nalayan | d) Trop | oical Evergre | en |
| 22. | Cinc | hona tı | rees are fo | ound in the | areas of rain | ıfall more | e than | |
| | a) 10 | 00 cm | b |) 50 cm | c) 70 cm | d) les | s than 50 cn | 1 |
| 23. | In w | hich of | the follow | wing state i | s the Simlipa | ll bio-res | erve located | ? |
| | a) Pı | ınjab | b |) Orissa | c) Delhi | d) W | est Bengal | |
| 24. | | | | llowing bio | o-reserves of ves? | India is | not include | d in |
| | a) M | anas | b) Diha | ng-Dibang | c) Gulf of N | /Jannar | d) Nanda I | Devi |
| | | | | | | | | |

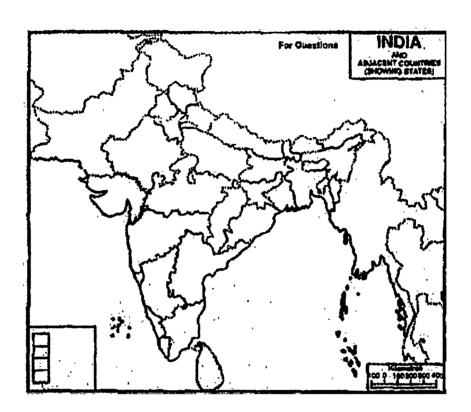
Monsoon arrives in India approximately in

19.

| 25. | Migrations change the number, distribution and composition of the | | | | | | | |
|-----|---|--------------|--------------------------------|---------------|-----------|-----------------|--|--|
| | popu | lation in | | | | | | |
| | a) | the area | of departure | | | | | |
| | b) | the area | - | | | | | |
| | c) | | area of departure | and arrival | | | | |
| | d) | none of the | - | ana annvai | | | | |
| | uj | none or c | iie above | | | | | |
| 26. | A large proportion of children in a population is a result of | | | | | | | |
| | a) | high birth | rates | c) | high de | ath rates | | |
| | b) | high life e | expectancies | d) | more m | narried couples | | |
| 27. | The | population | opulation of an area refers to | | | | | |
| | a) the number of persons added each year | | | | | | | |
| | b) | the rate a | it which the popul | ation increa | ases | | | |
| | c) | the total | people living in ar | ı area | | | | |
| | d) | the numb | per of females per | thousand n | nales | | | |
| 28. | According to the Census 2001, a "literate" person is one who | | | | | | | |
| | a) | can read | and write his/her | name | | | | |
| | b) | can read | and write any lan | guage | | | | |
| | c) | is 7 year | rs old and can re | ead and w | rite any | language with | | |
| | | understa | nding | | | | | |
| | d) | knows th | e 3 'R's (reading, v | writing, arit | hmetic) | | | |
| 29. | Whic | ch one of th | e following is sou | thernmost l | atitude o | of India? | | |
| | a) 8° | 4' North | b) 8° 4' South | c) 6° 4′ So | outh | d) 6° 4' North | | |
| | | | | | | | | |

| 30. | Which one of the following drainage pattern does the river Ganga form? | | | | | |
|-----|--|--------------------------------------|-------|---------------------------|--|--|
| | a) | Trellis Pattern | c) | The Dendritic Pattern | | |
| | b) | The Radial Pattern | d) | The Rectangular Pattern | | |
| 31. | Whi | ch one of the following water bo | dies | separate Sri Lanka from | | |
| | Indi | a? | | | | |
| | a) | Palk Strait and Gulf of Khambha | ıt | | | |
| | b) | Palk Strait & Gulf of Mannar | | | | |
| | c) | Gulf of Mannar & 10° channel | | | | |
| | d) | 10° channel & Gulf of Khambhat | t | | | |
| 32. | Which one of the following lakes differs from the rest in the group? | | | | | |
| | a) | The Dal Lake | | | | |
| | b) | The Nainital Lake | | | | |
| | c) | The Guru Gobind Sagar | | | | |
| | d) | The Bhimtal Lake | | | | |
| 33. | The | Latitudinal extent of India lies bet | ween | : | | |
| | a) | 7° 5′ N & 26° 5′ N | c) | 12° 5′ N & 27° 5′ N | | |
| | b) | 8° 4′ N & 37° 6′ N | d) | 12° 5′ N & 37° 6′ N | | |
| 34. | Whi | ch one of the following river has t | he la | rgest drainage pattern in | | |
| | Indi | a? | | | | |
| | a) | The Indus | c) | The Brahmaputra | | |
| | b) | The Ganga | d) | The Mahanadi | | |
| | | | | | | |

35. Locate and label the largest state of India.



- 36. The largest fresh water lake in India
 - a) Wular Lake
- b) Dal Lake
- c) Bhimtal
- d) Nainital

- 37. What is the length of Indian coastline?
 - a) 8716 km
- b) 7165 km
- c) 9515 km
- d) 7516 km
- 38. Which is the longest river of Peninsular Plateau?
 - a) River Narmada
- c) River Krishna

b) River Tapi

- d) River Godavari
- 39. Which Meridian is fixed as a standard meridian of India?
 - a) 82½° E
- b) 84½° E
- c) 86° W
- d) 81° E

| 40. | Which of these is a fresh water lake? | | | | | | |
|-----|---------------------------------------|--|--------------------|---------------|----------|-------------------|--|
| | a) Sa | mbhar | b) Wular | c) C | hilika | d) Pulicut | |
| 41. | Trop | ic of Canc | er passes througl | h which of t | hese sta | ites? | |
| | a) Or | issa | b) Tripura | c) B | ihar | d) Punjab | |
| 42. | Alakı | nanda & B | Shagirathi conver | ge to be call | led as G | anga at | |
| | a) | Haridw | ar | c) | Badri | Nath | |
| | b) | Kedar l | Nath | d) | Devp | rayag | |
| 43. | Whic | h of these | e countries do not | share land | border | with India? | |
| | a) Ru | ssia | b) Bhutan | c) Myanm | ar | d) Pakistan | |
| 44. | Whic | h of these | e peninsular river | s flows tow | ards th | e west? | |
| | | dawari | b) Krishna | c) M | lahanad | li d) Tapi | |
| 45. | Two | Two places of equable climate in India are | | | | | |
| | a) | Kolkata | a and Patna | c) | Muml | oai and Bengaluru | |
| | b) | Pune a | nd Nagpur | d) | Hydei | rabad and Chennai | |
| 46. | Nam | Name the pass that connects India to Lhasa | | | | | |
| | a) | Bhor G | hat | c) | Bomd | illa | |
| | b) | Nathula | a Pass | d) S | | ila | |
| 47. | West | ern distu | rbances enters In | dia from | | | |
| | a) | Arabiaı | n Sea | c) | Medit | erranean Sea | |
| | b) | Indian | Ocean | d) | China | | |

| 48. | Which one of the following is the main reason for the horizontal motion of air over the earth's surface? | | | | | | | | | |
|-----|--|--|-----------|---------------------------|--|--|--|--|--|--|
| | mout | on of air over the earth's surfa- | cer | | | | | | | |
| | a) | Variation in the atmospher | ic press | ure | | | | | | |
| | b) | Variation in altitude | | | | | | | | |
| | c) | Variation in temperature | | | | | | | | |
| | d) | Variation in latitudes | | | | | | | | |
| 49. | Centr | ral highlands consist of the foll | owing p | olateaus | | | | | | |
| | a) | Malwa, Sahyadri, Bundelkh | and, Bh | agelkhand | | | | | | |
| | b) | Malwa, Sahyadri, Bundelkhand, Chota Nagpur | | | | | | | | |
| | c) | Cardamom , Nilgiri, Malwa | Nallam | ala hills | | | | | | |
| | d) | Javadi hills , Bundelkhand | | | | | | | | |
| 50. | The c | limate of India is strongly infl | uenced | by | | | | | | |
| | a) | Ocean winds | c) | Monsoon winds | | | | | | |
| | b) | Desert winds | d) | Western winds | | | | | | |
| 51. | Whic | h of the following factors is a | ssociate | ed with the occurrence of | | | | | | |
| · · | | nic depression over the Andar | | | | | | | | |
| | a) | Weakening of low pressure t | rough o | ver the northern plains | | | | | | |
| | b) | Shifting of low pressure cond | ditions t | o the Bay of Bengal | | | | | | |
| | c) | Shifting of heat belt | | | | | | | | |
| | d) | None of these | | | | | | | | |
| 52. | Find | the odd one out | | | | | | | | |
| | a) | Kanchanjanga | c) | Namcha Barwa | | | | | | |
| | b) | Nanga Parbat | d) | Anai Mudi | | | | | | |
| | | | | | | | | | | |

| 53. | The pressure and wind system of any area depend on the | | | | | |
|-----|--|---------------|------------------|----------------|-----------|-------------------|
| | a) | Width and l | ength of the p | olace | | |
| | b) | Latitude and | d altitude of t | he place | | |
| | c) | Humidity ar | nd temperatu | re of the plac | ce | |
| | d) | Weather an | d climate of t | he place | | |
| 54. | The h | ighest peak o | of the Wester | n Ghats is | | |
| | a) | Doda Betta | l | c) | Javadi : | Hills |
| | b) | Mahendrag | giri | d) | Anai M | udi |
| 55. | The p | re monsoon | showers in | Kerala and I | Karnata | ka by the end of |
| | Summer season are called | | | | | |
| | a) | Orographic | showers | c) | Conve | ctional showers |
| | b) | Mango sho | wers | d) | Fronta | al showers |
| 56. | The si | um total of w | veather condi | tions and vai | riations | over a large area |
| | for a l | ong period o | of time is refe | rred as | | |
| | a) We | ather | b) Climate | c) Humidity | y | d) Temperature |
| 57. | The a | verage annu | al rainfall in F | Rajasthan is a | pproxi | mately |
| | a) 100 |) cm | b) 50 cm | c) 75 cm | | d) 200 cm |
| 58. | The p | art lying bet | ween Tista ar | nd Dihang riv | ers is th | ne |
| | a) | Kumayon I | Himalayas | | | |
| | b) | Nepal Him | alayas | | | |
| | c) | Assam Him | nalayas | | | |
| | d) | Himachal H | limalayas | | | |

| 59. | A narrow gap in a mountain range providing access to the other side is | | | | | |
|-----|--|--|----------------|-------------|-------------|-------------------|
| | a) Mo | ound | b) Pass | c) Strait | | d) Valley |
| 60. | The r | ange lying to | the south of H | imadri is k | nown as | |
| | a) | Purvancha | 1 | c) | Himach | ıal |
| | b) | Arunachal | | d) | Uttaran | ichal |
| 61. | The J | et streams ar | e | | | |
| | a) | Slow winds | in lower atmos | sphere | | |
| | b) | Moisture be | earing winds | | | |
| | c) | Fast winds | in upper atmos | phere | | |
| | d) | Cyclonic wi | nds | | | |
| 62. | The H | The Himalayan Arc covers a distance of about | | | | |
| | a) 23 | 00 km | b) 2400 km | c) 2500 | km | d) 2600 km |
| 63. | Wher | n does Tamil | Nadu coast get | its rainfal | !? | |
| | a) | January to I | February | | | |
| | b) | October to | November | | | |
| | c) | August to S | eptember | | | |
| | d) | April to Ma | y | | | |
| 64. | The f | ormation of t | he northern pl | ains of Ind | ia is a re: | sult of extensive |
| | a) | Sedimenta | tion | | | |
| | b) | Alluvial de | posits | | | |
| | c) | Pebble dep | osits | | | |
| | d) | None of the | ese | | | |

| 65. | The imaginary lines drawn on maps joining places of same pressure are called | | | | | | | | | | |
|-----|--|-------------------------------|-------------------|-----------|------------------|----------------------------|--|--|--|--|--|
| | a) Iso | bar | b) Isohyets | c) Is | sotherr | d) None of these | | | | | |
| 66. | The n | orthe | rn plain has beer | ı formed | d by the | e interplay of three major | | | | | |
| | river | systen | ns namely | | | | | | | | |
| | a) | The Indus-Ganga-Brahmaputra | | | | | | | | | |
| | b) | The (| Godavari-Krishna | a-Kaveri | | | | | | | |
| | c) | c) The Luni-Saraswati-Ghaggar | | | | | | | | | |
| | d) | None | of these | | | | | | | | |
| 67. | The p | olateau | ıs between Arava | ıllis and | Vindhy | as | | | | | |
| | a) | Malw | 7a | | c) | Bundelkhand | | | | | |
| | b) | Chota | a Nagpur | | d) | Bhagelkhand | | | | | |
| 68. | Winte | er rain | fall in north wes | tern par | t of Ind | lia is caused due to | | | | | |
| | a) | Cyclo | onic depression | | c) | Jet streams | | | | | |
| | b) | West | ern disturbances | 3 | d) | South western monsoon | | | | | |
| 69. | The le | ongest | range in Middle | Himalay | as is | | | | | | |
| | a) | Dha | uladhar | | c) | Mahabharat | | | | | |
| | b) | Pir F | Panjal | | d) | Karakoram | | | | | |
| 70. | Whic | h of th | e following plays | s a majo | r role ii | n determining the climate | | | | | |
| | of a p | lace? | | | | | | | | | |
| | a) | Altitu | ıde | | c) | Latitude | | | | | |
| | b) | Relie | f | | d) | Ocean currents | | | | | |

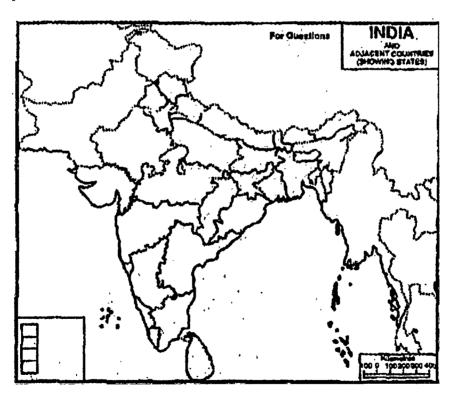
| 71. | Hima | alayas emer | ged from whi | ch sea? | | | | |
|-----|-------|-------------------------------------|------------------|----------------|---------------------------|----|--|--|
| | a) T | ethys | | c) | Bay of Bengal | | | |
| | b) A | rabian | | d) |) Caspian | | | |
| 72. | The | term monso | oon refers to | | | | | |
| | a) | Weather | condition and | climate of an | area | | | |
| | b) | Season of | retreating mo | onsoon | | | | |
| | c) | Seasonal reversal of wind direction | | | | | | |
| | d) | l) Season of monsoon | | | | | | |
| 73. | Whic | ch one of th | e following tre | ees is found i | n tropical rain forest? | | | |
| | a) M | ahogany | b) Teak | c) Sal | d) Peepal | | | |
| 74. | Whic | ch one of t | he following | is the most | significant feature of th | ıe | | |
| | India | an populatio | on? | | | | | |
| | a) | Declining | birth rate | | | | | |
| | b) | Improver | nent in the lite | eracy level | | | | |
| | c) | The size o | of its adolesce | nt population | 1 | | | |
| | d) | | | | | | | |
| 75. | Plan | t communit | y which has g | rown natural | lly without human aid an | ıd | | |
| | | | - | | humans for long time, | | | |
| | | ed as | | • | J , | | | |
| | a) | | vegetation | c) | Taiga plants | | | |
| | b) | | egetation | d) | None of these | | | |
| | - , | 0 | U | , | | | | |
| | | | | | | | | |

| 76. | What is sex ratio? | | | | | | | |
|-----|---|--|--------|--------------------------------|--|--|--|--|
| | a) | Number of females per thousand males | | | | | | |
| | b) | Number of females per hundred males | | | | | | |
| | c) | The study of population growth | | | | | | |
| | d) | The difference between death rate and birth rate | | | | | | |
| 77. | Which part of Himalayas is covered with dense forest? | | | | | | | |
| | a) N | orthern b) Southern | c) Eas | tern d) Western | | | | |
| 78. | What was the population density according to 2001 census? | | | | | | | |
| | a) | 124 persons / km ² | c) | 324 persons / km ² | | | | |
| | b) | 224 persons / km ² | d) |) 424 persons/ km ² | | | | |
| 79. | How many types of plant species are found in India? | | | | | | | |
| | a) | About 47000 | c) | About 50000 | | | | |
| | b) | About 44000 | d) | About 20000 | | | | |
| 80. | A large proportion of children in a population are a result of | | | | | | | |
| | a) | High birth rate | c) | High life expectancy | | | | |
| | b) | High death rate | d) | More married couples | | | | |
| 81. | Which one of the following states does not have Tropical deciduous forests? | | | | | | | |
| | a) | Jharkhand | c) | Chhattisgarh | | | | |
| | b) | Western Orissa | d) | Rajasthan | | | | |
| 82. | The elephants are found in the hot-wet forests of | | | | | | | |
| | a) | Punjab and Haryana | c) | Rajasthan and Gujarat | | | | |
| | b) | West Bengal and Jharkhand | d) | Assam and Karnataka | | | | |

| 83. | . Transport, communication and commerce come under the | | | | come under the | | | |
|-----|---|---|----|------|-------------------|--|--|--|
| | a) | Primary activities | c) | Seco | ndary activities | | | |
| | b) | Tertiary activities | d) | Rura | al activities | | | |
| 84. | In which of the following states is Dachigam Sanctuary located? | | | | | | | |
| | a) | Jammu and Kashmir | | c) | Delhi | | | |
| | b) | Assam | | d) | Karnataka | | | |
| 85. | Silver fir is found in the following types of vegetation zone | | | | | | | |
| | a) | Mangrove | | c) | Montane | | | |
| | b) | Thorn | | d) | Deciduous | | | |
| 86. | Which of the following factors are responsible for sparse population? | | | | | | | |
| | a) |) Flat plains and abundant rainfall | | | | | | |
| | b) | b) Rugged terrain and unfavorable climate | | | | | | |
| | c) | Fertile soil and abundant rainfall | | | | | | |
| | d) | Rugged terrain and favorable climate | | | | | | |
| 87. | A very large ecosystem on land having distinct type of vegetation | | | | | | | |
| | and wildlife is called | | | | | | | |
| | a) | Ecology | | c) | Biodiversity | | | |
| | b) | Biome | | d) | Biosphere reserve | | | |
| 88. | In how many years the official enumeration of population carried | | | | | | | |
| | out for census? | | | | | | | |
| | a) | 1 year | | c) | 10 years | | | |
| | b) | 5 years | | d) | 2 years | | | |

| Which of the following is an important social indicator to measure $% \left(\frac{\partial f}{\partial x}\right) =0$ | | | | | | |
|---|--|---|--|--|--|--|
| the | extent of equality between | n males and | female in a society at a | | | |
| given time | | | | | | |
| a) | age composition | c) | literacy rate | | | |
| b) | death rate | d) | sex ratio | | | |
| Name the union territory having the highest density of population | | | | | | |
| a) Chandigarh | | c) | Pudduchery | | | |
| b) | Delhi | d) | Daman and Diu | | | |
| Which of the following activities comes under primary activities | | | | | | |
| a) | Fishing | c) | Transportation | | | |
| b) | Banking | d) | Construction | | | |
| Which of the following type of natural vegetation have originally | | | | | | |
| | | | | | | |
| • | • | - | ndemic vegetation | | | |
| b) | Rare species | d) E | d) Endangered species | | | |
| | | | muangereu species | | | |
| Wh | ich one of the following bio | osphere-rese | | | | |
| | ich one of the following bio | osphere-rese | | | | |
| wo | _ | | | | | |
| wo | rld biosphere list? | | rve is not included in the | | | |
| wor a) b) | rld biosphere list? Manas | c) d) | rve is not included in the Sunderban Gulf of Mannar | | | |
| wor a) b) | rld biosphere list? Manas Nanda Devi | c) d) | rve is not included in the Sunderban Gulf of Mannar | | | |
| | the give a) b) Nama a) b) White b) | the extent of equality between given time a) age composition b) death rate Name the union territory having a) Chandigarh b) Delhi Which of the following activities a) Fishing b) Banking Which of the following type come to India from abroad? a) Exotic vegetation | the extent of equality between males and given time a) age composition c) b) death rate d) Name the union territory having the highest a) Chandigarh c) b) Delhi d) Which of the following activities comes und a) Fishing c) b) Banking d) Which of the following type of natural vecome to India from abroad? a) Exotic vegetation c) E | | | |

- 95. Most widespread vegetation type of India is
 - a) Coniferous
- c) Tropical deciduous
- b) Tropical rain
- d) Mangrove
- 96. Which state is the most populous state of India as per 2001 census?
 - a) Bihar
 - b) Uttar Pradesh
 - c) West Bengal
 - d) Tamil Nadu
- 97. Locate and label the city through which Standard Meridian of India passes.



- 98. Which of the following tree is used for blood pressure?
 - a) Jamun

c) Sarpagandha

b) Kachnar

d) Neem

| 99. | Name the state having highest percent of literacy level | | | | | |
|------|---|------------|----|---------|--|--|
| | a) | Kerala | c) | Punjab | | |
| | b) | Tamil Nadu | d) | Gujarat | | |
| | | | | | | |
| 100. | The magnitude of population growth refers toa) The total population of an area | | | | | |
| | | | | | | |
| | b) The number of persons added each year | | | | | |
| | c) The rate at which the population increases | | | | | |
| | d) Number of females per thousand males | | | | | |
| | | | | | | |
| | | | | | | |
| | | end | | | | |