

# VAJIRAO & REDDY INSTITUTE

India's Top Potential Training Institute for IAS

D

Test Booklet Code: 189

Test Booklet No: 36066

Total Ques: 100

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|---|--|
| <p>1 A<br/>Ex. Water has min. albedo so temp. should be high in all seasons if albedo is reason. But it is not so.</p> <p>2 C<br/>Ex. Found in Arctic also.</p> <p>3 B<br/>Ex.</p> <p>4 D<br/>Ex.</p> <p>5 C<br/>Ex.</p> <p>6 B<br/>Ex.</p> <p>7 A<br/>Ex.</p> <p>8 D<br/>Ex. Yojana, January, 2020.</p> <p>9 A<br/>Ex. Yojana, January 2020.</p> <p>10 B<br/>Ex. Refer Map of India.</p> <p>11 A<br/>Ex.</p> <p>12 B<br/>Ex. Refer Map of North East India.</p> <p>13 C<br/>Ex. Refer map of Middle east.</p> <p>14 D<br/>Ex. Atacama is driest desert.<br/>Selvas is largest rainforest.<br/>Andes is longest mt. range.</p> <p>15 D<br/>Ex. Refer Map of North America. Nares straight between Atlantic &amp; Arctic Ocean.</p> <p>16 D<br/>Ex.</p> <p>17 A<br/>Ex. Refer map of Africa</p> <p>18 C<br/>Ex. Refer Atlas, map of Europe</p> <p>19 B<br/>Ex. REfer Atlas map of Asia</p> <p>20 C<br/>Ex.</p> <p>21 D<br/>Ex.</p> <p>22 A<br/>Ex. NCERT class 11th chapter 7.</p> <p>23 C<br/>Ex. NCERT class 11th chapter 3.</p> | <p>24 B<br/>Ex. NCERT class 11 chapter 3</p> <p>25 C<br/>Ex. NCERT 11th chapter 12.</p> <p>26 C<br/>Ex. Refer Koeppen's climatic classification.</p> <p>27 D<br/>Ex. NCERT class 11th chapter 10</p> <p>28 D<br/>Ex. Krishna makes delta, Narmada makes estoary, Godavari known as Dakshin Ganga, more sediment in east flowing rivers.</p> <p>29 B<br/>Ex. Ramp valley cannot be the reason for flood.</p> <p>30 C<br/>Ex. Refer Atlas</p> <p>31 A<br/>Ex.</p> <p>32 D<br/>Ex.</p> <p>33 D<br/>Ex. Great Boundary Fault is between Aravali &amp; Ganga Plains</p> <p>34 C<br/>Ex. Refer NCERT class 11th</p> <p>35 B<br/>Ex. Fog in lower layer due to inversion of temp.<br/>Inv. of temp found both in lower &amp; upper layer.</p> <p>36 A<br/>Ex. NCERT class 11th</p> <p>37 C<br/>Ex. Trench by convergence of both oceanic-cont. or oceanic-oceanic plates.</p> <p>38 C<br/>Ex.</p> <p>39 D<br/>Ex. Salinity increases by temp. due to evaporation &amp; also by satt addition. It reduces by fresh water as salt concentration reduces.</p> <p>40 A<br/>Ex.</p> <p>41 B<br/>Ex.</p> <p>42 D<br/>Ex. All other sets are moving towards each other.</p> <p>43 D<br/>Ex. RH is expressed as %.<br/>AH is expressed as g/m<sup>3</sup>.<br/>SH is expressed as g/kg.</p> |
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- 44 C  
Ex. Union Minister of Petroleum and natural Gas Dharmendra Pradhan launched Atal community innovation centre in New Delhi.
- 45 C  
Ex. It aims to ensure greater accountability and better enforcement of the corporate governance norms.
- 46 A  
Ex.
- 47 A  
Ex.
- 48 C  
Ex. Acknowledging that country's telecom industry is under financial stress, union telecom minister had constituted a committee chaired by telecom secretary Aruna Sundararajin to spell out revival plan for telecom sector.
- 49 D  
Ex. P.C. Mahalanobis is called father of Indian Statistics he was born on 29 June 1893, his birthday is celebrated as national statistics day to popularize use of statistics in everyday life.
- 50 C  
Ex.
- 51 B  
Ex.
- 52 B  
Ex.
- 53 D  
Ex.
- 54 C  
Ex.
- 55 A  
Ex.
- 56 A  
Ex.
- 57 C  
Ex.
- 58 D  
Ex.
- 59 D  
Ex.
- 60 A  
Ex.
- 61 C  
Ex.
- 62 D  
Ex.
- 63 B  
Ex.
- 64 A  
Ex.
- 65 C  
Ex.
- 66 C  
Ex.
- 67 B  
Ex.

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- 68 B  
Ex.
- 69 B  
Ex.
- 70 A  
Ex.
- 71 D  
Ex.
- 72 C  
Ex. Only La Nina Modoki favours Indian monsoon. MJO is movement of a type of walker cell.
- 73 A  
Ex. Monsoon reduces south to north on west coast, monsoon is highly erratic in nature. El-Nino effect may be neutralized by positive Indian ocean dipole.
- 74 D  
Ex.
- 75 B  
Ex. Mediterranean climate is due to shifting of pressure belt & extension of length of westerlies.
- 76 C  
Ex. Continental effect on enclosed seas.
- 77 A  
Ex.
- 78 D  
Ex. Ozone formed in mesosphere, stratosphere known as chemosphere, ozone present in lower stratosphere, outermost layer is exosphere, inversion of temperature.
- 79 B  
Ex. Explanation not required.
- 80 A  
Ex. Refer rainfall map of India in Atlas.
- 81 C  
Ex.  $120 - 82.5 = 37.5 \times 4 = 150 \text{ mins} = 2:30$   
India is behind Tokyo by 2 hr. 30 mins.
- 82 B  
Ex. Equator has minimum duration of day & night & Singapore is located on that.
- 83 D  
Ex. Syzygy means Sun, Moon & Earth in straight line. So compulsory for eclipse. Syzygy conjunction is moon in between sun & earth. Syzygy opposition is earth in between sun & moon.
- 84 C  
Ex. In winters days are longer in south.  
In summers day are longer in north.
- 85 A  
Ex. (i) Perihelion on 3 January and Aphelion on 4th July. Summers & Winters of North not extreme but extreme in South.  
(ii) Dates fixed.  
(iii) Perigee & Apogee after every 13-14 days so date changes with every cycle.  
(iv) Both named as per North.

