



1. C
2. A
3. B
4. D
5. A
6. B
7. D
8. B
9. C
10. D
11. A
12. C
13. C
14. C
15. C
16. D
17. A
18. D
19. B
20. B
21. C
22. A
23. C
24. B
25. C
26. A
27. C
28. A
29. C
30. C
31. C
32. C
33. A
34. C
35. A
36. D
37. A
38. D



ARUL IAS ACADEMY



- 39.A
- 40.A
- 41.A
- 42.D
- 43.A
- 44.D
- 45.B
- 46.C
- 47.B
- 48.D
- 49.C
- 50.D
- 51.C
- 52.D
- 53.A
- 54.A
- 55.A
- 56.B
- 57.A
- 58.C
- 59.B
- 60.D
- 61.B
- 62.C
- 63.A
- 64.D
- 65.B
- 66.A
- 67.B
- 68.A
- 69.A
- 70.B
- 71.C
- 72.A
- 73.A
- 74.C
- 75.C
- 76.D



ARUL IAS ACADEMY

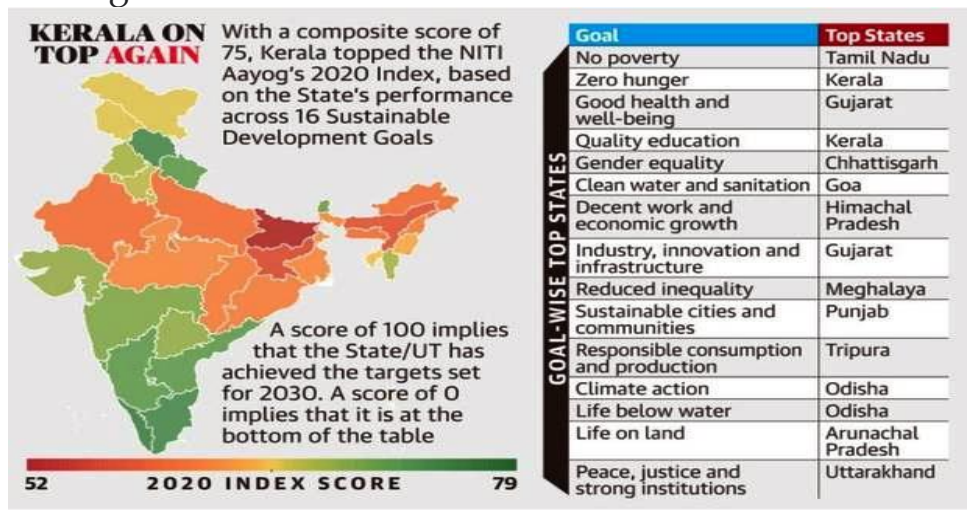


- 77.B
- 78.B
- 79.D
- 80.A
- 81.D
- 82.D
- 83.A
- 84.A
- 85.A
- 86.A
- 87.A
- 88.A
- 89.D
- 90.B
- 91.B
- 92.A
- 93.A
- 94.A
- 95.A
- 96.B
- 97.A
- 98.B
- 99.B
- 100. B
- 101. B



ARUL IAS ACADEMY

Kerala retained its position at the top of the rankings in the third edition of the index, with a score of 75, followed by Tamil Nadu and Himachal Pradesh, both scoring 72.





102. Answer A 1,2 correct

Tamil Nadu has four major ports at Chennai, Ennore, Kattupalli and Tuticorin, as well as one intermediate port, Nagapattinam, and seven minor ports, Rameswaram, Kanyakumari, Cuddalore, Colachel, Karaikal, Pamban and Valinokkam of which are currently capable of handling over 73 million metric tonnes of cargo annually (24 per cent share of India). All the minor ports are managed by the Tamil Nadu Maritime Board

103. A 1980

104. D

105. B

Rabies, Blastomycosis, Psittacosis, Trichinosis, Cat Scratch Disease, Histoplasmosis, Coccidiomycosis

106. B

107. D

108. D

109. B

India's Polar Satellite Launch Vehicle PSLV-C52 injected Earth Observation Satellite EOS-04, into an intended sun synchronous polar orbit of 529 km altitude at 06:17 hours IST on February 14, 2022 from Satish Dhawan Space Centre, SHAR, Sriharikota

PSLV lifted off at 05:59 hours IST from the first launch pad at SHAR. This was the 80th launch vehicle mission from SDSC SHAR, Sriharikota; 54th flight of PSLV; and the 23rd flight of PSLV in XL configuration (6 strap-on motors).

110. B

111. B

Jog falls is located on the river Sharavathi river

112. A

113. B

114. B

115. C Kotwal: Maintenance of law and order, the trial of criminal cases, and price regulation

116. C

117. B

The Tamil Nadu Reservation Act, which provides for 69 percent reservation in the jobs and educational institutions in the state, was placed in the Ninth Schedule by 76th Amendment

118. D

Attorney General of India has right to speak and take part in the proceedings of either house of parliament **without right to vote**

119. C

In 5 litres of petrol, motorbike can travel 220 km.

in 1 litre of petrol, motor bike travels = $220/5 = 44\text{km}$



in 1.5 litres, motorbike travels = $220/5 \times 1.5$ km
= 66 km.

Thus, the motorbike can travel 66 km in 1.5 litres of petrol.

120. C

$$\begin{aligned}
&= \left(\frac{2}{3} + \frac{4}{9}\right) \text{ of } \frac{3}{5} \div \frac{5}{3} \times \frac{5}{4} - \frac{1}{3} \\
&= \frac{6+4}{9} \text{ of } \frac{3}{5} \div \frac{5}{3} \times \frac{5}{4} - \frac{1}{3} \\
&= \frac{10}{9} \text{ of } \frac{3}{5} \div \frac{5}{3} \times \frac{5}{4} - \frac{1}{3} \\
&= \frac{2}{3} \div \frac{5}{3} \times \frac{5}{4} - \frac{1}{3} = \frac{2}{3} \times \frac{3}{5} \times \frac{5}{4} - \frac{1}{3} \\
&= \frac{1}{2} - \frac{1}{3} = \frac{3-2}{6} = \frac{1}{6} \text{ Ans.}
\end{aligned}$$

121. C

$$\begin{aligned}
&= \sqrt{\frac{0.081 \times 0.484 \times 1000000}{0.0064 \times 6.25 \times 1000000}} = \sqrt{\frac{81 \times 484}{64 \times 625}} \\
&= \sqrt{\frac{9^2 \times 2^2 \times 11^2}{8^2 \times 25^2}} = \frac{9 \times 2 \times 11}{8 \times 25} \\
&= \frac{99}{100} = 0.99
\end{aligned}$$

122. B

$$X \times 46 = 276 \times 20$$

$$46x = 5520$$

$$x = 5520/46 = 120$$

(original number of soldiers) - (no. of soldiers for whom the provision will last for 46 days) = (no. of soldiers who should leave the troop)

$$276 - 120 = 156.$$

123. C

124. B

$$\text{Required speed} = 0.6 \div (1/12) = 7.2 \text{ km/hr}$$

∴ Speed in km per hour is 7.2 km/hr.

125. A

126. B

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, and 144

127. A

128. D

129. B

Swami Dayanandha Saraswathi is known as Martin Luther of Hinduism

Rajaram Mohan Roy is known as The Father of Modern India

130. C



- 131. B
- 132. A
- 133. D
- 134. A
- 135. C
- 136. B
- 137. D
- 138. B
- 139. D
- 140. A
- 141. A
- 142. D
- 143. A
- 144. C
- 145. A
- 146. C
- 147. C
- 148. B
- 149. C
- 150. A
- 151. C
- 152. D
- 153. A
- 154. A
- 155. B
- 156. B
- 157. D
- 158. C
- 159. A
- 160. A
- 161. D
- 162. A
- 163. C
- 164. D
- 165. A
- 166. C
- 167. C
- 168. B
- 169. B
- 170. C
- 171. B
- 172. A
- 173. A



ARUL IAS ACADEMY



- 174. D
- 175. B
- 176. B
- 177. C
- 178. B
- 179. B
- 180. B
- 181. B
- 182. C
- 183. A
- 184. C
- 185. A
- 186. A
- 187. B
- 188. B
- 189. B
- 190. B
- 191. B
- 192. A
- 193. A
- 194. A
- 195. D
- 196. A
- 197. D
- 198. B
- 199. B
- 200. D

