

<p>Q84. Consider the following statements in respect of the National Flag of India according to the Flag Code of India, 2002:</p> <p>Statement-I: One of the standard sizes of the National Flag of India is 600 mm * 400 mm.</p> <p>Statement-II: The ratio of the length to the height (width) of the Flag shall be 3:2. Which one of the following is correct in respect of the above statements?</p> <ol style="list-style-type: none"> Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I Statement-I is correct but Statement-II is incorrect Statement-I is incorrect but Statement-II is correct 		Polity (M)
<p>Q85. Consider the following statements in respect of the Constitution Day:</p> <p>Statement-I: The Constitution Day is celebrated on 26th November every year to promote constitutional values among citizens.</p> <p>Statement-II: On 26th November, 1949, the constituent Assembly of India set up a Drafting Committee under the Chairmanship of Dr. B. R. Ambedkar to prepare a Draft Constitution of India.</p> <p>Which one of the following is correct in respect of the above statements?</p> <ol style="list-style-type: none"> Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I Statement-I is correct but Statement-II is incorrect Statement-I is incorrect but Statement-II is correct 		Polity (M)
<p>Q86. Consider the following statements:</p> <p>Statement – I: Switzerland is one of the leading exporters of gold in terms of value.</p> <p>Statement – II: Switzerland has the second largest gold reserves in the world.</p> <p>Which one of the following is correct in respect of the above statements?</p> <ol style="list-style-type: none"> Both statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I Statement-I is correct but Statement-II is incorrect. Statement-I- is incorrect but Statement-II is correct. 		Geography (D)
<p>Q87. Consider the following statements:</p> <p>Statement-I: Recently, the United States of America (USA) and the European Union (EU) have launched the Trade and technology council.</p> <p>Statement-II: The USA and the EU claim that through this they are trying to bring technological progress and physical productivity under their control.</p> <p>Which one of the following is correct in respect of the above statements?</p> <ol style="list-style-type: none"> Both statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I Statement-I is correct but Statement-II is incorrect. Statement-I- is incorrect but Statement-II is correct. 		International Relations (M)

<p>Q88. Consider the following statement:</p> <p>Statement – I: India accounts for 3.2% of global export of goods.</p> <p>Statement-II: Many local companies and some foreign companies operating in India have taken advantage of India's 'Production-linked Incentive' scheme.</p> <p>Which one of the following is correct in respect of the above statements?</p> <ol style="list-style-type: none"> Both statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I Statement-I is correct but Statement-II is incorrect. Statement-I- is incorrect but Statement-II is correct. 		Economy (E)
<p>Q89. Consider the following statements:</p> <p>The 'Stability and Growth Pact' of the European Union is a treaty that</p> <ol style="list-style-type: none"> Limits the levels of budgetary deficit of the countries of the European Union. Makes the countries of the European Union to share their infrastructure facilities. Enables the countries of the European Union to share their technologies. <p>How many of the above statements are correct?</p> <ol style="list-style-type: none"> Only one Only two All three None 		International Relations (M)
<p>Q90. Consider the following statements:</p> <ol style="list-style-type: none"> Recently, all the countries of the United Nations have adopted the first-ever compact for international migration, the 'Global Compact for Safe, Orderly and Regular Migration (GCM)'. The objective and commitments stated in the GCM are binding on the UN member countries. The GCM address internal migration or internally displaced people also in its objectives and commitments. <p>How many of the above statements are correct?</p> <ol style="list-style-type: none"> Only one Only two All three None 		International Relations (D)
<p>Q91. With reference to Home Guards, consider the following statements:</p> <ol style="list-style-type: none"> Home Guards are raised under the Home Guards Act and Rules of the Central Government. The role of the Home Guards is to serve as an auxiliary force to the police in maintenance of the internal security To prevent infiltration on the international border/coastal areas, the Border Wings Home Guards Battalions have been raised in some States. <p>How many of the above statements are correct?</p> <ol style="list-style-type: none"> Only one Only two All three None 		Defence and Security (D)

<p>Q92. With reference to India, consider the following pairs:</p> <table border="0"> <tr> <td>Action</td> <td>The Act under which it is covered</td> </tr> <tr> <td>1. Unauthorized wearing of : police or military uniforms</td> <td>The Official Secrets Act, 1923</td> </tr> <tr> <td>2. Knowingly misleading or otherwise interfering with a police officer or military officer when engaged in their duties</td> <td>The Indian Evidence Act, 1872</td> </tr> <tr> <td>3. Celebratory gunfire which can endanger the personal safety of others</td> <td>The Arms (Amendment) Act, 2019</td> </tr> </table> <p>How many of the above pairs are correctly matched?</p> <ol style="list-style-type: none"> Only one Only two All three None 	Action	The Act under which it is covered	1. Unauthorized wearing of : police or military uniforms	The Official Secrets Act, 1923	2. Knowingly misleading or otherwise interfering with a police officer or military officer when engaged in their duties	The Indian Evidence Act, 1872	3. Celebratory gunfire which can endanger the personal safety of others	The Arms (Amendment) Act, 2019		Polity (D)
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<p>Q93. Consider the following pairs:</p> <table border="0"> <tr> <td>Regions often mentioned in news</td> <td>Reason for being in news</td> </tr> <tr> <td>1. North Kivu and Ituri</td> <td>War between Armenia and Azerbaijan</td> </tr> <tr> <td>2. Nagorno-Karabakh</td> <td>Insurgency in Mozambique</td> </tr> <tr> <td>3. Kherson and aporizhzhia</td> <td>Dispute between Israel and Lebanon</td> </tr> </table> <p>How many of the above pairs are correctly matched?</p> <ol style="list-style-type: none"> Only one Only two All three None 	Regions often mentioned in news	Reason for being in news	1. North Kivu and Ituri	War between Armenia and Azerbaijan	2. Nagorno-Karabakh	Insurgency in Mozambique	3. Kherson and aporizhzhia	Dispute between Israel and Lebanon		International Relations (M)
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<p>Q94. Consider the following statements:</p> <p>Statement-I: Israel has established diplomatic relations with some Arab States.</p> <p>Statement-II: The 'Arab Peace Initiative' mediated by Saudi Arabia was signed by Israel and Arab League.</p> <p>Which one of the following is correct in respect of the above statements?</p> <ol style="list-style-type: none"> Both statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I Statement-I is correct but Statement-II is incorrect. Statement-I- is incorrect but Statement-II is correct. 		International Relations (D)								
<p>Q95. Consider the following pairs with regard to sports awards:</p> <ol style="list-style-type: none"> Major Dhyan Chand Khel Ratna Award : For the most spectacular and outstanding performance by a sportsperson over period of last four years Arjuna Award : For the lifetime achievement by a sportsperson Dronocharya Award: To honour eminent coaches who have successfully trained sportsperson or teams Rashtriya Khel ProtsahanPuraskar : To recognize the contribution made by sportspersons even after their retirement <p>How many of the above pairs are correctly matched?</p> <ol style="list-style-type: none"> Only one Only two All three All four 		Current Affairs (M)								

<p>Q96. Consider the following statements in respect of the 44th Chess Olympiad, 2022:</p> <ol style="list-style-type: none"> 1. It was the first time that Chess Olympiad was held in India. 2. The official mascot was named 'Thambi'. 3. The trophy for the winning team in the open section is the Vera Menchik Cup. 4. The trophy for the winning team in the women's section is the Hamilton-Russell Cup. <p>How many of the statements given above are correct?</p> <ol style="list-style-type: none"> 1. Only one 2. Only two 3. Only three 4. All four 		Current Affairs (D)								
<p>Q97. Consider the following pairs:</p> <table border="0"> <tr> <td>Area of conflict mentioned in news</td> <td>Country where it is located</td> </tr> <tr> <td>1. Donbas :</td> <td>Syria</td> </tr> <tr> <td>2. Kachin :</td> <td>Ethiopia</td> </tr> <tr> <td>3. Tigray :</td> <td>North Yemen</td> </tr> </table> <p>How many of the above pairs are correctly matched?</p> <ol style="list-style-type: none"> 1. Only one 2. Only two 3. All three 4. None 	Area of conflict mentioned in news	Country where it is located	1. Donbas :	Syria	2. Kachin :	Ethiopia	3. Tigray :	North Yemen		International Relations (D)
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<p>Q98. In the recent years Chad, Guinea, Mali and Sudan caught the international attention for which one of the following reason common to all the them?</p> <ol style="list-style-type: none"> 1. Discovery of rich deposits of rare earth elements 2. Establishment of Chinese military bases 3. Southward expansion of Sahara Desert 4. Successful coups 		International Relations (M)								
<p>Q99. Consider the following heavy industries:</p> <ol style="list-style-type: none"> 1. Fertilizer plants 2. Oil refineries 3. Steel Plants <p>Green hydrogen is expected to play a significant role in decarbonizing how many of the above industries?</p> <ol style="list-style-type: none"> 1. Only one 2. Only two 3. All three 4. None 	<p>Question No. 53 Test 2</p> <p>Green Hydrogen generation process discussed. Since it is a clean and renewable fuel, so can be utilized in plants/refineries.</p> <p>Q) With reference to Hydrogen, consider the following pairs:</p> <table border="0"> <tr> <td>Type</td> <td>Generation process</td> </tr> <tr> <td>1. Green Hydrogen ---</td> <td>Electrolysis using renewable sources of energy.</td> </tr> <tr> <td>2. Grey Hydrogen ---</td> <td>Fossil fuels such as coal and gas.</td> </tr> <tr> <td>3. Blue Hydrogen ---</td> <td>Electricity by burning fossil fuels with carbon capture & storage.</td> </tr> </table> <p>How many pairs above are correctly matched?</p> <ol style="list-style-type: none"> a) None of the pairs b) One pair c) Two pairs d) Three pairs <p>Explanation:</p> <p>Statement 1 is correct: Hydrogen generated using electrolyzers powered by renewable power sources is called green hydrogen. The electrolysis process splits water into hydrogen and oxygen, and the hydrogen produced can be used as a clean and renewable fuel.</p>	Type	Generation process	1. Green Hydrogen ---	Electrolysis using renewable sources of energy.	2. Grey Hydrogen ---	Fossil fuels such as coal and gas.	3. Blue Hydrogen ---	Electricity by burning fossil fuels with carbon capture & storage.	Environment (E)
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	<p>Statement 2 is correct: Hydrogen produced from fossil fuels is called grey hydrogen, which constitutes the bulk of the hydrogen generated today. It currently accounts for 95% of the total production in South Asia.</p> <p>Statement 3 is correct: Hydrogen generated from fossil fuels with carbon capture and storage (CCS) options is called blue hydrogen. It uses technology which prevents the carbon released in the process from entering the atmosphere.</p> <ul style="list-style-type: none"> • Pink/ Red/ Purple hydrogen: Generated through electrolysis powered by nuclear energy. • Yellow hydrogen: Made through electrolysis using solar power. • White hydrogen: Naturally-occurring geological hydrogen found in underground deposits and created through fracking. There are no strategies to exploit this hydrogen at present. • Turquoise hydrogen: Its Production has yet to be proven at scale. It is made using a process called methane pyrolysis to produce hydrogen and solid carbon <p>The Inside Story:</p> <p>How vehicles run on hydrogen works?</p> <ul style="list-style-type: none"> • Hydrogen fuel is transformed into electricity using a fuel cell stack before it is used to power a vehicle. • A fuel cell converts chemical energy into electrical energy using oxidising agents via an oxidation-reduction reaction. • Fuel cell-based vehicles combine hydrogen and oxygen to produce electricity to power the electric motor on board. • Fuel cell vehicles use electricity to run. Therefore, they are called as electric vehicles (EVs). 	
<p>Q100. Consider the following statements about G-20:</p> <ol style="list-style-type: none"> 1. The G-20 group was originally established as platform for the Finance Ministers and Central Bank Governors to discuss the international economic and financial issues. 2. Digital public infrastructure is one of India's G-20 priorities. <p>Which of the statements given above is/are correct?</p> <ol style="list-style-type: none"> 1. 1 only 2. 2 only 3. Both 1 and 2 4. Neither 1 nor 2 	<p>Question No. 16 Test 3</p> <p>G 20 concept and formation explained</p> <p>Q) Consider the following statements about G20.</p> <ol style="list-style-type: none"> 1. It was formed in 1999 as a group of Heads of State/Government in the wake of the global Asian Financial Crisis. 2. In wake of global financial crisis of 2008, Finance Track was started for the Finance Ministers and Central Bank Governors. 3. G20 does not have a permanent secretariat. <p>Which of the statement(s) given above is/are correct?</p> <ol style="list-style-type: none"> a) 1 only b) 1 and 2 only c) 3 only d) 1, 2 and 3 <p>Explanation:</p> <p>Statement 1 is not correct: The G20 was founded in 1999 after the Asian financial crisis as a forum for the Finance Ministers and Central Bank Governors to discuss global economic and financial issues.</p> <p>Statement 2 is not correct: The G20 was upgraded to the level of Heads of State/Government in the wake of the global economic and financial crisis of 2007, and, in 2009, was designated the "premier forum for international economic cooperation".</p> <p>Statement 3 is correct: The Group does not have a permanent secretariat. The Presidency is supported by the Troika – previous, current and incoming Presidency. During India's Presidency, the troika will comprise Indonesia, India and Brazil, respectively.</p> <p>The Inside Story: Two parallel tracks in G20</p> <p>The G20 Presidency steers the G20 agenda for one year and hosts the Summit. The G20 consists of two parallel tracks: the Finance Track and the Sherpa Track. Finance Ministers and Central Bank Governors lead the Finance Track while Sherpas, emissaries of the national leaders/heads of states, lead the Sherpa Track after Finance Track.</p>	<p>International Relations (M)</p>