

Q: Consider the following statement:

1. Synthesis Report (SYR) is published by IPCC
2. It summarises the findings of six reports released during its Sixth Assessment Cycle.
3. 27th Conference of Parties was hosted by Glasgow.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- Recently, the Intergovernmental Panel on Climate Change (IPCC) published its Synthesis Report (SYR).
- It summarises the findings of six reports released during its Sixth Assessment Cycle — the 1.5 C report of 2018, the Special Reports on Land and Oceans of 2019, and the three Assessment Reports published between 2021 and 2022.
- The SYR is presented in the wake of major global upheavals brought about by the COVID-19 pandemic, the Russian invasion of Ukraine and the subsequent global energy crisis.
- It also follows notable deliberations at the 27th Conference of Parties (COP27) to the United Nations Framework Convention on Climate in Egypt 2022, where a loss and damage fund for climate victims was written into existence, and discourse on issues such as fossil fuel phasedown and global financial system reform, was elevated.

Q: India was elected Chair of important UNSC Committees. Consider the following statement:

1. Pakistan economic sanction Committee
2. Taliban Sanctions Committee
3. Libyan Sanctions Committee

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: b

Explanation:

- When India entered the Council on January 1, 2021, it focused inter alia on **maritime security, terrorism, UN peacekeeping, reformed multilateralism and the Global South.**
- India was elected Chair of three important UNSC Committees:
 - a) the Taliban Sanctions Committee,
 - b) Libyan Sanctions Committee and
 - c) Counter-terrorism Committee.

Q: Consider the following statement regarding the reason for over-extraction of groundwater:

1. Over-extraction of groundwater
2. Over cultivation of sugarcane crops

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- Main reason for such over exploitation of ground water is due to wide cultivation of water guzzler paddy and sugarcane crops which are heavily incentivized by way of highly subsidized pricing of water, power, fertilizers on one hand and assured markets for their outputs through procurement of rice in Punjab-Haryana belt and of sugarcane by sugar factories at government determined prices.

Q: Consider the following statement regarding International Monetary Fund (IMF):

1. IMF was the outcome of Bretton Woods Conference.
2. IMF directors are elected for a five-year term.
3. The SDR is neither a currency nor a claim on the International Monetary Fund.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: d

Explanation:

- The IMF was founded in response to the collapse of international monetary cooperation during the Great Depression, with the goal of boosting economic growth and eliminating poverty around the world.
- In 1944, the Bretton Woods Conference established the International Monetary Fund (IMF).
- The IMF is led by a Managing Director, who is elected for a 5-year term by the Executive Board.
- The SDR is neither a currency nor a claim on the International Monetary Fund. Rather, it is a prospective claim on IMF members' freely useable currencies. These currencies can be exchanged for SDRs.

Q: Consider the following statement regarding the key messages from Summary for Policymakers (SPM) of the SYR of IPCC:

1. Compound heatwaves and droughts are projected to become more frequent.
2. Ocean acidification is likely to increase.
3. The CO₂ absorption capacity of land and ocean sinks is likely to increase.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- Nationally Determined Contributions (NDC) announced by countries till October 2021 make it likely that warming will exceed 1.5°C during the 21st century and make it harder to limit warming below 2°C.
- With every increment of global warming, climatic extremes will become more widespread and pronounced. The CO₂ absorption capacity of land and ocean sinks is likely to decrease, ocean acidification is likely to increase, and compound heatwaves and droughts are projected to become more frequent.
- There may be some irreversible changes in the climate system when tipping points are reached, such as the loss of the Greenland and West Antarctic ice sheets. Adaptation options may reach their limits of feasibility, leading to greater losses and damages.