

## (SOLUTION) TEST – 31 (Textbook) ( INSTA Prelims Test Series 2022 )

### 27. Correct Answer : A

#### Answer Justification :

**Learning:** India has over 61,400 startups recognised by the Department for Promotion of Industry and Internal Trade (DPIIT), with at least 14,000 recognised during fiscal 2022, according to the Economic Survey 2021-22.

The survey added that 555 districts in India had at least one new startup, highlighting that startups in India have grown remarkably over the past six years, with **most of them in the IT/knowledge-based sectors**. Intellectual property, specifically patents are key to this knowledge-based economy. There has been gradual increase in the filing and granting of patents in India. The number of patents filed in India has gone up from 39,400 in 2010-11 to 45,444 in 2016-17 to 58,502 in 2020-21 and the patents granted in India has gone up from 7,509 to 9,847 to 28,391 during the same time period. Further, the number of patents application are increasingly coming from Indian residents rather than MNCs.

India has become the third-largest startup ecosystem in the world after the US and China, it said. A record 44 Indian startups achieved unicorn status in 2021, taking the overall tally of startup unicorns in India to 83, with most in the services sector, the survey showed.

**Q Source:** Economic Survey 2021-22

[https://economictimes.indiatimes.com/tech/startups/economic-survey-2022-at-least-14000-newstartups-recognised-inindia/articleshow/89243366.cms?utm\\_source=contentofinterest&utm\\_medium=text&utm\\_campaign=cppst](https://economictimes.indiatimes.com/tech/startups/economic-survey-2022-at-least-14000-newstartups-recognised-inindia/articleshow/89243366.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst)

### 28. Correct Answer : B

#### Answer Justification :

**Explanation:** Option A: Land surfaces break cyclone as supply of moisture is cut-off.

Option B: Before cloud formation, water takes up heat from the atmosphere to change into vapour. **When water vapour changes back to liquid form as raindrops, this heat is released to the atmosphere. The heat released to the atmosphere warms the air around.**

- The air tends to rise and causes a drop in pressure. More air rushes to the centre of the storm. This cycle is repeated. The chain of events ends with the formation of a very low pressure system with very high-speed winds revolving around it.
- It is this weather condition that we call a cyclone. Factors like wind speed, wind direction, temperature and humidity contribute to the development of cyclones.

Option C: Absence of clouds reduces the strength of a cyclone. The process of formation of clouds involves evaporation of water, and then rainfall. As explained below, rainfall will involve condensation which will enhance the strength of a cyclone.

Option D: Lowering temperature of sea water will reduce formation of water vapour and increase the pressure of the eye of cyclone. This will reduce the strength instead of increasing it.

**Q Source:** Revision: Page 87: VIIth Science

### 29. Correct Answer : D

#### Answer Justification :

**Learning:** Gandhiji was convinced that he was out of tune with powerful trends in Congress.

- **He felt that a large section of the intelligentsia favoured parliamentary politics with which he was in fundamental disagreement.**
- Another section of the intelligentsia felt estranged from the Congress because of his emphasis on the spinning wheel as 'the second lung of the nation,' on Harijan work based on a moral and religious approach, and on other items of the constructive programme.
- Similarly, the socialist group, whose leader was Jawaharlal, was growing in influence and importance but he had fundamental differences with it. Yet the Socialists felt constrained by the weight of his personality.

He said, "for me to dominate the Congress in spite of these fundamental differences is almost a species of violence which I must refrain from."

Hence, in October 1934, he announced his resignation from the Congress.

**Q Source:** Spectrum: Modern India – Rajiv Ahir