

## TEST - 27 (IPM 2021)

### 71. Consider the following statements regarding National Atomic Timescale

1. It is a timescale used for measuring the time within the range of a nanosecond with an accuracy level of 28 Nanosecond.
2. Atomic Time measures the actual length of a second.
3. Cesium-133 is used as an indicator to measure atomic time.

Which of the statements given above are correct?

- A. 1 and 2 only      B. 2 and 3 only      C. 1 and 3 only      D. 1, 2 and 3

### 72. Five-hundred-metre Aperture Spherical Telescope (FAST) is located in

- A. Puerto Rico      B. Chile      C. Ladakh      D. China

### 73. Who among the following are members of RCEP?

#119676

1. Brunei      2. Cambodia      3. Singapore      4. New Zealand

Select the correct answer using the code given below:

- A. 1, 2 and 3 only      B. 2, 3 and 4 only      C. 1, 2 and 4 only      D. 1, 2, 3 and 4

### 74. Afghanistan borders which of the following countries?

1. India      2. Tajikistan      3. Uzbekistan      4. Turkmenistan

Select the correct answer using the code given below:

- A. 1, 2 and 3 only      B. 2, 3 and 4 only      C. 1, 2 and 4 only      D. 1, 2, 3 and 4

### 75. Consider the following statements regarding Lok Adalat

1. The first Lok Adalat camp was organized in Rajasthan.
2. It is one of the components of the Alternative Dispute Resolution (ADR) system.
3. It was given statutory status under the Legal Services Authorities Act, 1987.

Which of the statements given above is/are correct?

- A. 1 only      B. 2 and 3 only      C. 3 only      D. 1, 2 and 3

### 76. Consider the following statements regarding Standard Model

1. The Standard Model is a rigorous theory that predicts the behavior of the building blocks of the universe.
2. It lays out the rules for six types of quarks, six leptons, the Higgs boson, three fundamental forces.
3. The muon is similar to the electron, but 200 times smaller, and much more unstable.

Which of the statements given above are correct?

- A. 1 and 2 only      B. 2 and 3 only      C. 1 and 3 only      D. 1, 2 and 3

### 77. Mettur-Sarabanga lift irrigation project is being constructed on

- A. Penna      B. Godavari      C. Krishna      D. Cauvery

### 78. Monkeydactyl often seen in news is

- A. It is a genetic disorder.      B. It is a species under Monkeys.  
C. It is the new pterosaur fossil which was discovered in China.      D. None of the above

### 79. Consider the following statements regarding Raisina Dialogue

1. The theme for the 2021 conference is “#ViralWorld: Outbreaks, Outliers and Out of Control”.
2. It was started in 2010 by Observer Research Foundation in partnership with the Ministry of External Affairs.

Which of the statements given above is/are correct?

- A. 1 only      B. 2 only      C. Both 1 and 2      D. Neither 1 nor 2

### 80. Consider the following statements regarding Weather report of India 2021

1. The monsoon is likely to be 103% of the long period average (LPA) 2021 year.
2. The monsoon in 2019 and 2020 was only time in a century of back-to-back years of above normal rainfall.

Which of the statements given above is/are correct?

- A. 1 only      B. 2 only      C. Both 1 and 2      D. Neither 1 nor 2

### 81. Which of the following statement regarding Indian Ocean Dipole is Incorrect?

- A. It is an atmosphere-ocean coupled phenomenon in the tropical Indian Ocean.  
B. IOD is the difference between the temperature of eastern and the western Indian Ocean.  
C. A 'positive IOD' is associated with cooler than normal sea-surface temperatures.  
D. Negative IOD results in more cyclones than usual in Arabian Sea.