

## IPB 2.0 PRELIMS TEST - 4

(IPM 2021)

**30. Which of the following are applications of Lithium?**

1. It is added to glasses and ceramics for resistance to temperature fluctuation.
2. It is used in heat-resistant greases and lubricants
3. It is alloyed with aluminium and copper for light weight aerial components.
4. It is used in psychiatric medications and in dental imprints.
5. The lithium isotopes are used in the production of Tritium.

Select the correct answer using the code given below:

- A. 1, 2 and 4 only      B. 2, 3 and 4 only      C. 2, 3 and 5 only      D. 1, 2, 3, 4 and 5

**31. Consider the following statements regarding Tight gas**

1. Tight gas is the term commonly used to refer to high permeability reservoirs that produce mainly dry natural gas.
2. Normally, a large hydraulic fracture treatment is required to produce gas economically.

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

**32. Consider the following statements regarding Coalbed Methane (CBM)**

1. CBM is explored and exploited under the provisions of OIL Fields (Regulation & Development) Act 1948.
2. The Gondwana sediments of eastern India host the bulk of India's coal reserves and all the current CBM producing blocks.
3. India has the second largest proven coal reserves in the world.

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

**33. Arrange the following lakes in Africa in north to south direction.**

1. Lake Malawi      2. Lake Rukwa      3. Lake Turkana

Select the correct answer using the code given below

- A. 1-2-3      B. 3-2-1      C. 3-1-2      D. 2-3-1

**34. Consider the following statements regarding Van Allen radiation belt**

1. A Van Allen radiation belt is a zone of energetic charged particles, most of which originate from the solar wind.
2. It endangers satellites.
3. Venus lacks a magnetic field.

Which of the statements given above is/are correct?

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

**35. Which of the following commodities is/are used to calculate the FAO Food Price Index (FFPI)?**

1. Cereals      2. Meat      3. Sugar      4. Pulses      5. Dairy Products

Select the correct answer using the codes given below:

- A. 1, 2 and 4 only      B. 3 and 5 only      C. 1, 2, 3 and 5 only      D. 1, 2, 3, 4 and 5

**36. Which of the following organization releases the Indian Telecom Services and Performance Index?**

- A. NITI Aayog  
B. The Telecom Regulatory Authority of India (TRAI)  
C. The Securities and Exchange Board of India (SEBI)  
D. The Bharat Sanchar Nigam Limited (BSNL)

**37. National Company Law Appellate Tribunal (NCLAT) can hear the appeals against the orders of which of the following bodies?**

1. Insolvency and Bankruptcy Board of India      2. Competition Commission of India (CCI)
3. The Securities and Exchange Board of India (SEBI)

Select the correct answer using the codes given below:

- A. 1 and 2 only      B. 2 and 3 only      C. 1 only      D. None

**38. Consider the following statements regarding the National Data Repository (NDR):**

1. It is a government-sponsored Exploration and Production (E&P) data bank with state-of-the-art facilities and infrastructure for preservation, upkeep and dissemination of data.
2. It is a turnkey project on Build, Populate and Operate basis

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