

# OFFICERS IAS ACADEMY

IAS ACADEMY RUN BY FORMER CIVIL SERVANTS

Daily MCQs: 05-10-2024

1. Consider the following pairs.

1. White dwarfs	Extremely dense end-states of collapsed stars
2. Black holes	Remnants of extremely massive stars
3. Black dwarfs	White dwarfs which has lost their mass

How many of the pair(s) given above is/are correctly matched?

- A. Only one
- B. Only two
- C. All three
- D. None

2. The Administrative Ministry of Food Safety and Standards Authority of India (FSSAI) is

- A. Ministry of Consumer Affairs, Food and Public Distribution
- B. Ministry of Agriculture & Farmers' Welfare
- C. Ministry of Health & Family Welfare
- D. None of the above

3. Consider the following statements about the Competition Commission of India (CCI)

- 1) CCI is a statutory body.
- 2) One of the objectives of CCI is to ensure freedom of trade.
- 3) Appeals of CCI lie with the National Company Law Tribunal.

How many of the statements given above is/are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

4. Which of the following professions are regulated by the Insolvency and Bankruptcy Board of India (IBBI)?

- 1) Insolvency Professionals
- 2) Insolvency Professional Agencies
- 3) Insolvency Professional Entities
- 4) Information Utilities.

# OFFICERS IAS ACADEMY

## IAS ACADEMY RUN BY FORMER CIVIL SERVANTS

Select the correct answer using the codes given below

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

5. Consider the following statements.

- 1) Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVY) aims at achieving agricultural self-sufficiency and food security.
- 2) Krishonnati Yojana aims at promoting sustainable agriculture.

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

Solutions:

1. Answer: B

Explanation

- A white dwarf is the core left behind after a dying star has exhausted its nuclear fuel and expelled its outer layers to form a planetary nebula. It is the **most common type of stellar remnant** (the remains of a star after it has died).
  - *A planetary nebula is a region of cosmic gas and dust formed from the cast-off outer layers of a dying star.*
- White dwarfs are **extremely dense end-states of stars** that have collapsed. Hence, **pair 1 is correctly matched.**
- Stars with a **mass less than eight times the Sun's** end their lives as a white dwarf.
- **Black holes** are the **remnants of extremely massive stars** (greater than eight times the mass of the sun) while white dwarfs are the remnants of intermediate and low mass stars. Hence, **pair 2 is correctly matched.**
- White dwarfs **no longer support nuclear fusion reactions** that generate energy, but they are still extremely hot. They cool over time and it is predicted that they would ultimately form **black dwarfs.**
  - *A black dwarf is all that is left after a white dwarf star burns off all of its heat, but retains its mass. Hence, pair 3 is incorrectly matched.*
  - *It is nearly impossible to see because it emits no radiation.*
- The luminosity of white dwarfs can therefore be used by astronomers to measure how long ago star formation began in a particular region.
- By providing important **fossil records** of the stars that they formed from, white dwarfs are an important **cosmological tool.**

# OFFICERS IAS ACADEMY

---

## IAS ACADEMY RUN BY FORMER CIVIL SERVANTS

- In **2006 Hubble** was the first telescope to directly observe white dwarfs in globular star clusters.

### 2. Answer: C

#### Explanation

- The Food Safety and Standards Authority of India (FSSAI) is an **autonomous statutory body established under the Food Safety and Standards Act, 2006.**
- The **Ministry of Health & Family Welfare** is the administrative Ministry of FSSAI. Hence, **answer is option C.**
- FSSAI is responsible for protecting and promoting public health through the regulation and supervision of food safety.

### 3. Answer: B

#### Explanation

- The Competition Commission of India (CCI) is a **statutory body** established under the **Competition Act, 2002** for the administration, implementation and enforcement of the Act. Hence, **statement 1 is correct.**
- CCI consists of a chairperson and 6 Members appointed by the Central Government.
- The following are the objectives of the Commission.
  - To prevent practices having adverse effects on competition.
  - To promote and sustain competition in markets.
  - To protect the interests of consumers and
  - To ensure freedom of trade. Hence, **statement 2 is correct.**
- The Commission is also required to give opinion on competition issues on a reference received from a statutory authority established under any law and to undertake competition advocacy, create public awareness and impart training on competition issues.
- Appeals of CCI lie with the National Company Law Appellate Tribunal. Hence, **statement 3 is incorrect.**
- The recently passed **Competition (Amendment) Act, 2023** makes a number of changes to the Competition Act, 2002, which is the country's primary competition law. The amendments aim to **strengthen competition regulation, streamline operations, and foster a business-friendly environment.**

### 4. Answer: D

#### Explanation

- The Insolvency and Bankruptcy Board of India (IBBI) was established in 2016 under the **Insolvency and Bankruptcy Code, 2016.**

# OFFICERS IAS ACADEMY

---

## IAS ACADEMY RUN BY FORMER CIVIL SERVANTS

- It is a key pillar of the ecosystem responsible for **implementation of the Code** that consolidates and amends the laws relating to reorganization and insolvency resolution of corporate persons, partnership firms and individuals in a time bound manner.
- It is a **unique regulator: regulates a profession as well as processes**.
  - It has **regulatory oversight over the Insolvency Professionals, Insolvency Professional Agencies, Insolvency Professional Entities and Information Utilities**. Hence, **answer is option D**.
  - It **writes and enforces rules for processes**, namely, corporate insolvency resolution, corporate liquidation, individual insolvency resolution and individual bankruptcy under the Code.
- It has recently been tasked to promote the **development of, and regulate, the working and practices of, insolvency professionals, insolvency professional agencies and information utilities and other institutions**, in furtherance of the purposes of the Code.
- It has also been designated as the '**Authority under the Companies (Registered Valuers and Valuation Rules), 2017** for regulation and development of the profession of valuers in the country.

### 5. Answer: D

#### Explanation

- The Union Cabinet approved the proposal from the Department of Agriculture & Farmers Welfare (DA&FW) to rationalise all Centrally Sponsored Schemes (CSS) under the Ministry of Agriculture and Farmers' Welfare.
- This new structure will consolidate these schemes into two umbrella initiatives- the Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVY) and the Krishonnati Yojana (KY).
- The PM-RKVY aims to promote sustainable agriculture, while the Krishonnati Yojana will focus on achieving agricultural self-sufficiency and addressing food security challenges. Hence, **statements 1 and 2 are both incorrect**.

#### Key benefits of this rationalisation

- Avoiding duplication of efforts and ensuring convergence among various schemes.
- Addressing emerging agricultural challenges, such as nutrition security, sustainability, and climate resilience.
- Allowing states to create comprehensive strategic plans tailored to their specific agricultural needs.
- Streamlining the approval process for Annual Action Plans (AAP) to facilitate quicker implementation.
- A notable change in PM-RKVY is the increased flexibility for state governments to reallocate funds among different components based on their unique requirements.