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Daily MCQs: 13-03-2024

1. Consider the following statements about ozone.

1. Stratospheric ozone has a beneficial effect for life on earth as a filtering agent for damaging ultraviolet radiation.
2. Tropospheric ozone is not emitted directly from anthropogenic sources.

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

2. Consider the following statements about the Controller General of Accounts (CGA).

1. CGA is the Principal Advisor on Accounting matters to the Union Government.
2. CGA is responsible for exchequer control and internal audits of the Union Government.

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

3. Which of the following are the objectives of Special Economic Zones (SEZs) in India?

1. Creation of employment opportunities
2. Development of infrastructure facilities
3. Promotion of domestic sales of goods and services
4. Promotion of exports of goods and services
5. Promotion of investment from domestic and foreign sources

Select the correct answer using the codes given below

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

4. With reference to the National Legal Services Authority (NALSA), consider the following statements.

1. It is a statutory body.
2. It was established to give effect to Article 39 A of the Constitution of India.
3. The Attorney General of India acts as the Patron-in-Chief of NALSA.

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Which of the statements given above is/are correct?

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

5. With reference to the National Skills Qualifications Framework (NSQF), consider the following statements.

- 1. It is a competency-based framework that organizes all qualifications according to a series of levels of knowledge, skills and aptitude.
- 2. Certification under NSQF is provided for skills acquired through formal learning only.

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: C

Explanation:

What is ozone, ozone layer and ozone hole?

- Ozone is a gas made of three oxygen atoms, and just like any other gas it circulates in the atmosphere.
- Ozone is present throughout the atmosphere although there are concentration peaks at two levels, the **stratosphere** (a layer of the atmosphere between 10 and 40 km above us) and **troposphere** (the atmospheric layer from the surface up to about 10 km).
- **Statement 1 is correct:** Stratospheric ozone forms a protective layer that shields us from the sun's harmful ultraviolet rays. However, this beneficial ozone has been partially destroyed by chemicals used for refrigeration purposes, such as **chlorofluorocarbons (CFCs)** and **hydrofluorocarbons (HFCs)**, causing what is sometimes called a "hole in the ozone."
- Areas with ozone concentrations less than 220 Dobson Units are called "holes" in the layer.
- Ozone at ground level (troposphere) is a harmful air pollutant, because of its effects on people and the environment, and it is the main ingredient in "smog." Tropospheric ozone is a harmful pollutant that causes damage to lung tissue and plants.
- **Statement 2 is correct:** Tropospheric ozone is not emitted directly from anthropogenic sources. It is a "secondary" pollutant formed by chemical reactions between **oxides of nitrogen (NOx)** and **volatile organic compounds (VOC)**. This happens when pollutants

emitted by cars, power plants, industrial boilers, refineries, chemical plants, and other sources chemically react **in the presence of sunlight**.

What are the health effects of ozone?

- Ozone in the air we breathe can harm our health. People most at risk from breathing air containing ozone include people with asthma, children, older adults, and people who are active outdoors, especially outdoor workers.
- In addition, people with certain genetic characteristics, and people with reduced intake of certain nutrients, such as vitamins C and E, are at greater risk from ozone exposure.
- Breathing ozone can trigger a variety of health problems including chest pain, coughing, throat irritation, and airway inflammation. It also can reduce lung function and harm lung tissue. Ozone can worsen bronchitis, emphysema, and asthma, leading to increased medical care.

What are the environmental effects of ozone?

- Ozone affects sensitive vegetation and ecosystems, including forests, parks, wildlife refuges and wilderness areas. In particular, ozone harms sensitive vegetation during the growing season.

Measures related to ozone depletion

- The **Montreal Protocol**, a landmark international environmental treaty that took effect in 1988, has reduced CFC emissions worldwide. It is termed as one of the most successful international agreements.
- In 2016, Parties to the Montreal Protocol adopted the **Kigali amendment** (which India ratified) to phase down production and consumption of HFCs worldwide.

2. Answer: C

Explanation:

Who is Controller General of Accounts (CGA)?

- **Statement 1 is correct:** A CGA is the **Principal Advisor on Accounting matters to the Union Government**.
- He is responsible for establishing and managing a **technically sound Management Accounting System**.
- **Statement 2 is correct:** He is responsible for **preparation and submission of the accounts of the Union Government** and also responsible for **exchequer control and internal audits**.
- CGA derives his mandate from **Article 150** of the Constitution.
- The office of CGA functions under the **Department of Expenditure, Ministry of Finance**.

Duties and responsibilities of CGA

- General principles of Government accounting relating to **Union or State Governments** and form of accounts, and framing or revision of rules and manuals relating thereto;
- Reconciliation of cash balance of Union Government with Reserve Bank in general and, in particular, of Reserve Deposits pertaining to Civil Ministries or Departments;

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- Overseeing the maintenance of adequate standards of accounting by **Central Civil Accounts Offices**;
- Consolidation of monthly accounts, preparation of review of trends of revenue realization and significant features of expenditure etc and preparation of annual accounts (including Summary, Civil Appropriation Accounts) showing under the respective heads, the annual receipts and disbursements for the purpose of the Union Government;
- **Administration** of Central Treasury Rules and Central Government Account (Receipt and Payment Rules 1983);
- **Coordination and assistance** in the introduction of management accounting system in Civil Ministries or Departments;
- **Cadre management** of Group 'A' (Indian Civil Accounts Service) and Group 'B' Officers of the Central Civil Accounts Offices;
- **Matters relating to the Central Civil Accounts staff** belonging to Group 'C' and 'D';
- **Disbursement of Pension** through Public Sector Banks (PSBs) in respect of Central Civil Pensioners, Freedom Fighters, High Court Judges, Ex-M.P.s and Ex-Presidents.

3. Answer: C

Explanation:

- Special Economic Zone (SEZ) is a geographic area in which the **business and trade laws are different from the rest of the country**.
- The objective of developing SEZs include increasing the balance of trade and attracting newer inward-investments into the country, and creating newer jobs.
- **Financial incentives** are granted to those setting up SEZs and cover a wider gamut of benefits for investors across taxation, customs, labour regulations, etc.
- The **Special Economic Zones Act, 2005**, provides the umbrella legal framework, covering all important legal and regulatory aspects of SEZ development in the country.
- It should be noted that all Goods and services supplied by SEZ units to **Domestic Tariff Area** (whole of India but does not include the areas of the SEZ) are **treated as imports** into India and subject to all procedures and rules applicable in case of normal imports into India.
- Presently, 378 SEZs are notified, out of which 265 are operational.

Salient Features

- The salient features of the SEZ scheme are:-
 - A **designated duty free enclave to be treated as a territory outside the customs territory of India** for the purpose of authorised operations in the SEZ;
 - No licence required for import;
 - Manufacturing or service activities allowed;
 - The Unit shall achieve **Positive Net Foreign Exchange** to be calculated cumulatively for a **period of five years** from the commencement of production;
 - **Domestic sales are subject to full customs duty and import policy in force; Hence, statement 3 is incorrect.**
 - SEZ units will have freedom for subcontracting;
 - No routine examination by customs authorities of export/import cargo;

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- SEZ Developers /Co-Developers and Units enjoy tax benefits as prescribed in the SEZs Act, 2005.

Objectives

- The notification of SEZs in the country is guided by the following:-
 - generation of additional economic activity;
 - promotion of exports of goods and services;
 - promotion of investment from domestic and foreign sources;
 - creation of employment opportunities;
 - development of infrastructure facilities.

4. Answer: A

Explanation:

- **Statement 1 is correct:** The National Legal Services Authority (NALSA) is a statutory body constituted under the Legal Services Authorities Act, 1987 to provide free Legal Services to the weaker sections of the society and to organize Lok Adalats for amicable settlement of disputes.
- **Statement 2 is correct:** It was enacted by the Parliament to give effect to **Article 39 A of the Constitution of India** which guarantees free and competent legal services to the weaker sections of the society to ensure that they are not denied access to justice by reason of economic or other disability.
- **Statement 3 is incorrect:** The NALSA is headed by the **Chief Justice of India as its Patron-in-Chief, the second senior most judge of the Supreme Court is the Executive Chairman.**
- In every State, the State Legal Services Authority has been constituted to give effect to the policies and directions of the NALSA and to give free legal services to the people and conduct Lok Adalats in the State.
- The State Legal Services Authority is headed by the Chief Justice of the respective High Court who is the Patron-in-Chief of the State Legal Services Authority.
- In every District, the District Legal Services Authority has been constituted to implement Legal Services Programmes in the District. The District Legal Services Authority is situated in the District Courts Complex in every District and chaired by the District Judge of the respective district.

5. Answer: A

Explanation:

- **Statement 1 is correct:** The National Skills Qualifications Framework is a **competency-based framework** that **organizes all qualifications according to a series of levels of knowledge, skills and aptitude.**
- These levels, graded from one to ten, are defined in terms of learning outcomes which the learner must possess regardless of whether they are obtained through formal, non-formal or informal learning. NSQF in India was notified in **2013.**

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- **Statement 2 is incorrect:** Under NSQF, the learner can acquire the **certification for competency** needed at any level through **formal, non-formal or informal learning**. In that sense, the NSQF is a **quality assurance framework**.

