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**Q.1) The terms SWEEKAR and SWAGAT is associated with**

- a) Skill Development for engineering graduates
- b) National Common Mobility Card
- c) Rainwater harvesting
- d) Electric & Hybrid Vehicles

**Q.1) Solution (b)**

The Indigenous Automatic Fare Collection System based on One Nation One Card Model i.e. National Common Mobility Card (NCMC) is the first of its kind in India. India's First Indigenously Developed Payment system for transport consisting of NCMC Card, SWEEKAR (SwachalitKiraya: Automatic Fare Collection System) and SWAGAT (Swachalit Gate) is based on NCMC Standards.

**Q.2) Consider the following statements with respect to 'Côte d'Ivoire'**

- 1. It is a landlocked country in Central Africa
- 2. It was never colonized by any European country

**Select the correct statements**

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2



**Q.2) Solution (d)**

Ivory Coast or Côte d'Ivoire, officially the Republic of Côte d'Ivoire, is a country located on the south coast of West Africa. Ivory Coast's political capital is Yamoussoukro in the centre of the country, while its economic capital and largest city is the port city of Abidjan. It borders Guinea and Liberia to the west, Burkina Faso and Mali to the north, Ghana to the east, and the Gulf of Guinea (Atlantic Ocean) to the south.

It was colonized by France.

**Q.3) Consider the following statements with respect to 'Rashtriya Avishkar Abhiyan'**

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1. It aims at fostering creativity and enquiry within the areas of sciences, mathematics and technology.
2. Under Rashtriya Avishkar Abhiyan, government schools are mentored by Institutes like IITs/ IIMs/ IISERs and other Central Universities and reputed organisations through innovative programmes, student exchanges, demonstrations, student visits, etc.

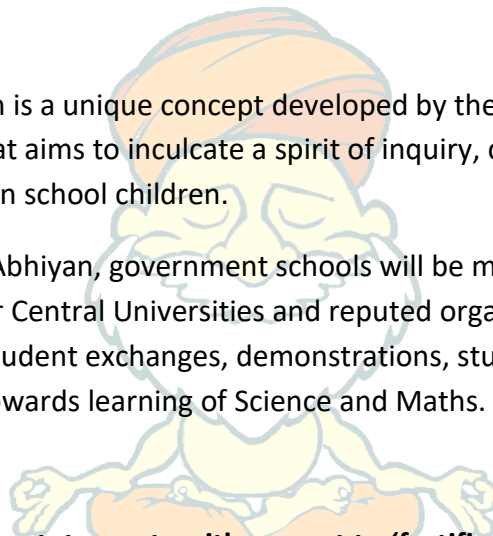
**Select the correct statements**

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Q.3) Solution (c)**

Rashtriya Avishkar Abhiyan is a unique concept developed by the Ministry of Human Resource Development that aims to inculcate a spirit of inquiry, creativity and love for Science and Mathematics in school children.

Under Rashtriya Avishkar Abhiyan, government schools will be mentored by Institutes like IITs/ IIMs/ IISERs and other Central Universities and reputed organisations through innovative programmes, student exchanges, demonstrations, student visits, etc to develop a natural sense of passion towards learning of Science and Maths.



**Q.4) Consider the following statements with respect to 'fortification of foods'**

1. It does not require any changes in eating patterns or food habits of people.
2. It does not alter the characteristics of the food like the taste, aroma or the texture of the food.

**Select the correct statements**

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Q.4) Solution (c)**

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Fortification is the addition of key vitamins and minerals such as Iron, Iodine, Zinc, Vitamins A & D to staple foods such as rice, wheat, oil, milk and salt to improve their nutritional content. These nutrients may or may not have been originally present in the food before processing or may have been lost during processing.

Following are the various benefits of fortification of foods:

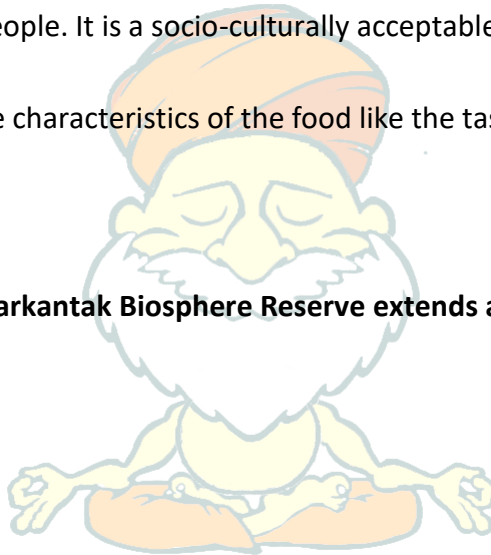
- Nutrients are added to staple foods since they are widely consumed. Thus, this is an excellent method to improve the health of a large section of the population, all at once.
- It is a safe method of improving nutrition among people. The addition of micronutrients to food does not pose a health risk to people. The quantity added is small and well under the Recommended Daily Allowances (RDA) and are well regulated as per prescribed standards for safe consumption.
- It is a cost-effective intervention and does not require any changes in eating patterns or food habits of people. It is a socio-culturally acceptable way to deliver nutrients to people.
- It does not alter the characteristics of the food like the taste, aroma or the texture of the food.

**Q.5) The Achanakmar-Amarkantak Biosphere Reserve extends across the states of**

1. Odisha
2. Madhya Pradesh
3. Chhattisgarh

**Select the correct code:**

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above



**Q.5) Solution (b)**

The Achanakmar-Amarkantak Biosphere Reserve is a biosphere reserve in India that extends across the states of Madhya Pradesh and Chhattisgarh.

The reserve is located in the northern part of Bio-Geographic zone 6 and Bio-Geographic province 6 A (Deccan peninsula and Central highlands). About 68.1% of this reserve lies in

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the Bilaspur district in Chhattisgarh. The other major portions of the reserve are in the Anuppur (16.20%) and Dindori (15.70%) districts of Madhya Pradesh. The protected area of the Achanakmar Wildlife Sanctuary is located in the Bilaspur district within the Biosphere Reserve.

