

28-09-2022

Indian Nutrition Rating

Why in Newspapers?

Recently the country's apex food regulator Food Safety and Standards Authority of India (FSSAI) released a draft notification for front-of-pack labeling, which will be known as Indian Nutrition Rating (INR).

Quick Issue?

- It mandates a star rating similar to the energy-efficiency rating on electronic goods to discourage high consumption of pre-packaged foods such as sugar, salt and fat.

Historical Background?

- Daily Intake Guide:** The ratio of the daily recommended nutritional intakes to one serving of pre-packaged foods.
- Nutritional Information Panel:** It provides the quality of each major nutrient present in the food item.
- Traffic light labelling:** It shows the amount of fat, salt, sugar etc present in the food and classifies it with colors like red, orange or green depending on how healthy it is.
- WARNING LABEL:** Indicates that the quality of the food item, such as salt, sugar and fat, is not referenced.
- Star Rating :** It provides 1 to 5 stars depending on how healthy the product is, with 5 being the healthiest and 1 being the least healthy.
- Rating Process :** Also 100 grams of solids or 100 ml. Liquid foods/items will be scored based on energy contribution and content of saturated fat, sugar, sodium, fruits and vegetables (FV), nuts, legumes and cereals (NLM), dietary fiber and protein.
- Solid food with a score above 25 will be given 0.5 stars and - (minus) 5 stars will be given to those with a score less than 11.
- Logo :** The logo shall be displayed on the front of the pack adjacent to the product name or brand name.
- Implementation:** Food businesses may add explanatory information next to the star-rating logo detailing the energy, sugar, saturated fat and salt content.

Other Key Facts?

Other Related Initiatives

- National Afforestation Programme:** It focuses on restoration and afforestation of degraded forests around forests.
- National Mission for Green India:** It is under the National Action Plan on Climate Change and aims to improve and increase tree cover as a climate adaptation and mitigation strategy.
- National Biodiversity Action Plan:** It has been launched to implement policies to reduce the rates of degradation, fragmentation and loss of natural habitats.
- Rural Livelihood Schemes:-** The recognition of natural resources intrinsically linked to rural livelihoods is also reflected in flagship schemes like Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGA) and National Rural Livelihoods Mission (NRLM).



- To create a star-rating logo for the product, food businesses will have to submit the nutritional profile of the respective products on FSSAI's FoSCoS (Food Safety Compliance System) portal.

Likely Question Asked In Preliminary Exam

Que. Consider the following statements?

1. The proportion of the daily recommended nutritional intakes present in one serving of pre-packaged foods.
2. WARNING LABEL: Indicates that the quality of the food item, such as salt, sugar and fat, is not referenced.
3. Star Rating: It provides 1 to 5 stars depending on how healthy the product is, with 5 being the healthiest and 1 the least healthy.

Which of the above statement is true?

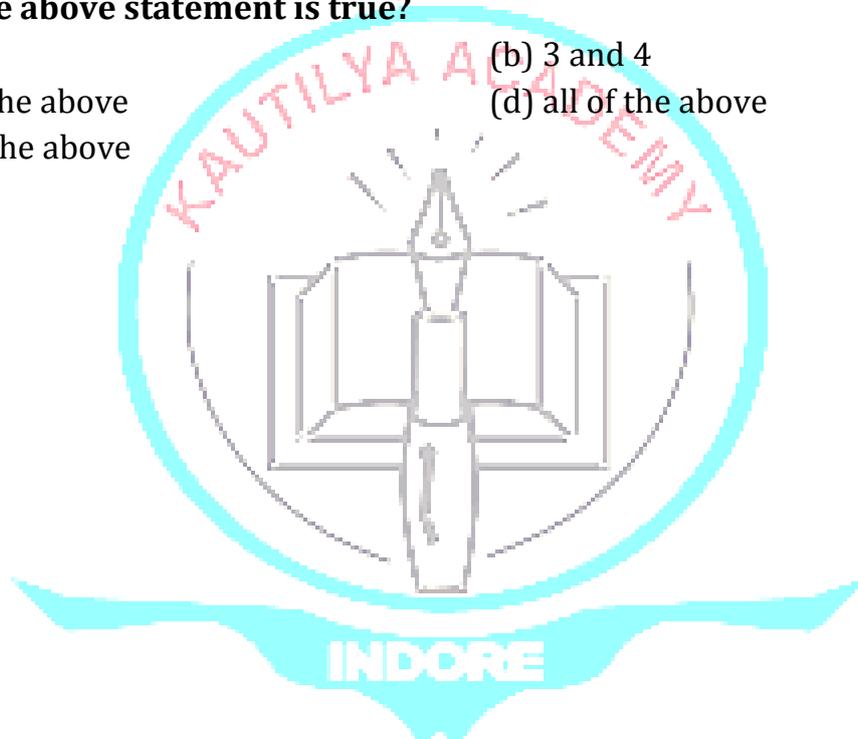
(a) 1 and 2

(b) 3 and 4

(c) None of the above

(d) all of the above

Answer: (d) All of the above



Status of Education in India, 2022 Report

Why in Newspapers?

The 'Artificial Intelligence' or 'AI skill penetration rate' is relatively high in India. This rate in India is 3 times higher than the global average.

Quick Issue?

- 'Artificial Intelligence' literacy is increasing and it is also important for India.
- The 'one-size-fits-all' approach is adopted in India. Using personalized and intelligent AI-based learning will help diversify learning.

Historical Background?

- The National Education Policy 2020 emphasizes on the use of digital tools (including AI) in education to meet the skill-based demands of 'Industry 4.0'.
- 'Artificial Intelligence' has been included as an elective subject for Class IX of CBSE.
- National Program on 'Artificial Intelligence' has been launched.
- Airavat means 'Artificial Intelligence Research, Analytics and Knowledge Assimilation Platform' (AIRAWAT) has been launched.
- ^ National Strategy for 'Artificial Intelligence'.
- Artificial Intelligence to the government keeping in mind the 5 'I's i.e. 'Inclusiveness, Indigenization, Innovation, Investment in infrastructure & International cooperation - 5 'I's' should consider.
- This is the fourth edition of UNESCO's annual report aimed at enhancing the application of 'Artificial Intelligence' in education in India.
- There is a lack of policies for the use of 'Artificial Intelligence' in education in India. Lack of digital infrastructure.
- Increasing use of 'Artificial Intelligence' for forgery, fraud. Instead of critical thinking, the focus is on rote learning.
- Established in 1945, the United Nations Educational, Scientific and Cultural Organization (UNESCO) is a specialized agency of the United Nations that aims to promote world peace and security through international cooperation in education, arts, science and culture. Its headquarter is in Paris, the capital of France.

Other Key Facts?

Need

- Consider teaching the ethics of 'Artificial Intelligence'.
- The algorithmic bias and discrimination in 'Artificial Intelligence' needs to be reformed.
- Private sector and PPPs should be involved in developing AI-based products.
- AI should be used for equality, homogeneity, inclusion and better learning outcomes.
- AI should be used to contain linguistic diversity.

