

FUEL, FOOD PRESERVATION, NUTRITION, MEDICINE, DETERGENTS AND FERTILIZERS BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Q1. Which of the following oil is an extract of clove oil?

- a) Eugenol
 - b) Methenol
 - c) Methenol
 - d) Benzaldehyde
-

Q2. The main component of honey is

- a) Sucrose
 - b) Maltose
 - c) Glucose
 - d) Fructose
-

Q3. Cooking gas is mainly

- a) Methane
 - b) Carbon dioxide
 - c) Carbon monoxide
 - d) Nitrogen and Oxygen
-

Q4. The most popular fertilizer for foliar application is

- a) D.A.P.
- b) Sodium Nitrate

c) Urea

d) Potassium Chloride

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Q5. Assertion (A):

The main component of the liquefied petroleum gas is Methane.

Reason (R):

Methane can be used directly for burning in homes and factories where it can be supplied through pipelines.

a) (A) is true, but (R) is false

b) Both (A) and (R) are true and (R) is the correct explanation of (A)

c) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

d) (A) is false, but (R) is true

Q6. Which of these is not a colloid?

a) Blood

b) Ice cream

c) Milk

d) Honey

Q7. Consider the following statements.

- Coal, petroleum and natural gas are fossil fuels.
- Gasohol is mixture of benzene and alcohol.
- Geothermal energy is nonconventional energy source.
- Gobar gas contains mainly methane.

Of these statements.

a) Only 1, 2 and 3 are correct

b) Only 1 and 2 are correct

- c) Only 2 and 3 are correct
 - d) 1, 3 and 4 are correct
-

Q8. Which one of the following has the highest fuel value?

- a) Natural gas
 - b) Hydrogen
 - c) Charcoal
 - d) Gasoline
-

Q9. Which of the following is consumed in the manufacture of urea fertilizer?

- a) Chlorine
 - b) Carbon dioxide
 - c) Sulphur dioxide
 - d) Nitric acid
-

Q10. Milk is homogenized by

- a) Removing its fat
 - b) Breaking down fat particles to the microscopic size with the help of centrifuge
 - c) Adding a little sodium carbonate
 - d) Boiling only
-

Q11. Why does the Government of India promote the use of 'Neem-coated Urea' in agriculture?

- a) Nitrous oxide, which is a greenhouse gas, is not at all released into atmosphere by crop fields
 - b) Release of Neem oil in the soil increases nitrogen fixation by the soil micro-organisms
 - c) Neem coating slows down the rate of dissolution of urea in the soil
 - d) It is a combination of a weedicide and a fertilizer for particular crops
-

Q12. Which one of the following acids, is formed during the change of milk into curd?

- a) Ascorbic acid
- b) Citric acid
- c) Acetic acid
- d) Lactic acid

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Q13. What percentage of phosphorus (P_2O_5) and Nitrogen (N) is present in DAP?

- a) 30% N and 46% P_2O_5
- b) 10% N and 20% P_2O_5
- c) 18% N and 46% P_2O_5
- d) 35% N and 70% P_2O_5

Q14. Which one of the following gases, released from biogas plant is used as a fuel gas?

- a) Methane
- b) Butane
- c) Propane
- d) Ethane

Q15. Aspartame is an artificial sweetner sold in the market. It consists of amino acids and provides calories like other amino acids. Yet, it is used as a low calorie sweetening agent in food items. What is the basis of this use?

- a) When aspartame is used in food processing, the sweet taste remains, but it becomes resistant to oxidation

- b) Aspartame is as sweet as sugar but after ingestion into the body, it is converted into metabolites that yield no calories
- c) Aspartame is as sweet as table sugar, but unlike table sugar, it is not readily oxidized in the human body due to lack of requisite enzymes
- d) Aspartame is several times sweeter than table sugar, hence food items made with small quantities of aspartame yield fewer calories on oxidation

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Answers to the above questions :

Q1. Answer: (a)

Q2. Answer: (d)

Q3. Answer: (a)

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Q4. Answer: (c)

Q5. Answer: (d)

Q6. Answer: (b)

Q7. Answer: (d)

Q8. Answer: (b)

Q9. Answer: (b)

Q10. Answer: (b)

Q11. Answer: (c)

Q12. Answer: (d)

Q13. Answer: (c)

Q14. Answer: (a)

Q15. Answer: (d)

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