

CBSE Class 10 Food Production Question Paper 2026

Time Allowed :3 Hours	Maximum Marks :80	Total Questions :38
-----------------------	-------------------	---------------------

General Instructions

1. The paper is divided into Section A and Section B.
2. Section A includes objective-type, short answer, and long answer questions.
3. All questions in Section A are compulsory.
4. Section B contains elective questions based on the chosen topic.
5. Answers must be written legibly within the word limit.
6. Use of unfair means or electronic devices is prohibited.
7. Follow the correct format and instructions for each section.

1. A shopkeeper buys an article for \$450 and sells it for \$540. Calculate the profit percentage.

- (A) 15%
- (B) 20%
- (C) 25%
- (D) 10%

2. The ratio of the ages of A and B is 3:4. If the sum of their ages is 28 years, what is the age of B?

- (A) 12 years
- (B) 16 years
- (C) 18 years
- (D) 20 years

3. If a car travels 120 km in 3 hours, what is its speed in meters per second (m/s)?

- (A) 11.11 m/s
 - (B) 10.5 m/s
 - (C) 12.22 m/s
 - (D) 15 m/s
-

4. Find the simple interest on a principal of \$2,000 at a rate of 5% per annum for 3 years.

- (A) \$250
 - (B) \$300
 - (C) \$350
 - (D) \$400
-

5. Identify the next number in the series: 2, 6, 12, 20, 30, ...

- (A) 40
 - (B) 42
 - (C) 36
 - (D) 44
-

6. Select the correct form of the verb: He ----- to the market yesterday.

- (A) go
 - (B) goes
 - (C) gone
 - (D) went
-

7. What is the area of a circle with a radius of 7 cm? (Use $\pi = \frac{22}{7}$)

- (A) 44 sq cm
 - (B) 154 sq cm
 - (C) 144 sq cm
 - (D) 176 sq cm
-

8. An item is marked up by 40% and then a discount of 20% is given. What is the overall profit percentage?

- (A) 20%
- (B) 12%
- (C) 15%
- (D) 10%

9. 15 men can complete a task in 20 days. How many days will it take 25 men to complete the same task?

- (A) 10 days
- (B) 12 days
- (C) 15 days
- (D) 18 days

10. The average weight of 8 persons increases by 2.5 kg when a new person replaces one of them weighing 65 kg. What is the weight of the new person?

- (A) 70 kg
- (B) 75 kg
- (C) 80 kg
- (D) 85 kg

11. Pointing to a photograph, a man said, "I have no brother or sister but that man's father is my father's son." Whose photograph was it?

- (A) His own
- (B) His son's
- (C) His father's
- (D) His nephew's

12. In how many different ways can the letters of the word 'APPLE' be arranged?

- (A) 120
- (B) 60
- (C) 240
- (D) 48

13. Two coins are tossed simultaneously. What is the probability of getting at least one head?

- (A) $\frac{1}{4}$
- (B) $\frac{1}{2}$

- (C) $\frac{3}{4}$
 - (D) 1
-

14. Solve for x : $3x + 5 = 2x + 12$

- (A) 5
 - (B) 7
 - (C) 17
 - (D) 12
-

15. Find the synonym of the word: ABANDON

- (A) Keep
 - (B) Forsake
 - (C) Adopt
 - (D) Cherish
-

16. Statement: All cats are dogs. All dogs are animals.

Conclusion: I. All cats are animals. II. All animals are cats.

- (A) Only I follows
 - (B) Only II follows
 - (C) Both I and II follow
 - (D) Neither I nor II follows
-

17. Which of the following numbers is divisible by 9?

- (A) 12345
 - (B) 67812
 - (C) 45639
 - (D) 89124
-

18. Pipe A can fill a tank in 10 hours, and Pipe B can empty the same tank in 15 hours. If both are opened together, how long will it take to fill the tank?

- (A) 25 hours
 - (B) 30 hours
 - (C) 20 hours
 - (D) 12 hours
-

19. The HCF of two numbers is 12 and their LCM is 72. If one of the numbers is 24, find the other number.

- (A) 36
 - (B) 48
 - (C) 60
 - (D) 24
-

20. Simplify: 25% of $400 + 10\%$ of 500

- (A) 100
 - (B) 150
 - (C) 200
 - (D) 250
-

21. If the price of sugar increases by 25% , by what percentage must a household reduce its consumption so that the expenditure remains the same?

22. A and B start a business by investing \$20,000 and \$30,000 respectively. At the end of the year, they make a profit of \$10,000. What is B's share?

23. What is the meaning of the idiom: 'To cry over spilt milk'?

24. A box contains 5 red, 3 blue, and 2 green balls. If one ball is drawn at random, what is the probability that it is NOT blue?
