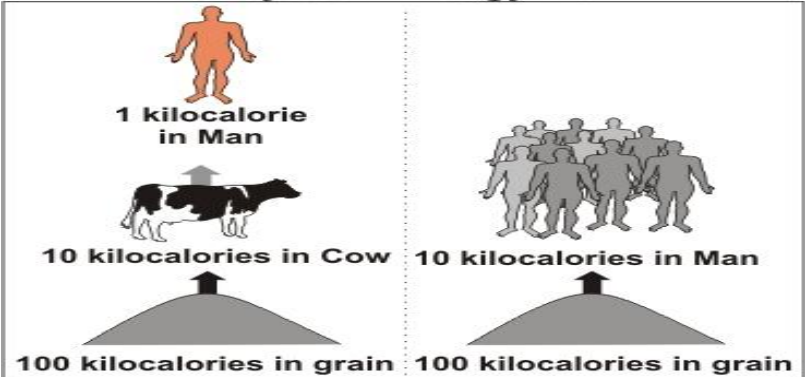


QUESTION PAPER
SET- 2
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
1.	3_15 Science 3538	Components Of Food	Kilocalorie is a unit of energy contained in food. Study this figure carefully. What do you think it suggests?	<p style="text-align: center;">Ecosystem Energy Flow</p>  <p>The diagram illustrates energy flow in an ecosystem. It is divided into two paths by a vertical dashed line. On the left path, 100 kilocalories in grain are consumed by a cow, which then provides 10 kilocalories to a single man. On the right path, 100 kilocalories in grain are consumed by a group of 10 men, each receiving 10 kilocalories. At the top of the left path, a single man is shown with 1 kilocalorie. The diagram demonstrates that a vegetarian diet (right path) allows for a much larger number of people to be supported by the same amount of grain compared to a diet that includes meat (left path).</p>	c												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: top;">The energy required by organism lower in a food chain is more.</td> <td style="text-align: center; vertical-align: top;">Many cows together need as much grain as one person.</td> <td style="text-align: center; vertical-align: top;">Only a small part of energy is passed on up a food chain.</td> <td style="text-align: center; vertical-align: top;">Non-vegetarianism leads to better use of available energy.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The energy required by organism lower in a food chain is more.	Many cows together need as much grain as one person.	Only a small part of energy is passed on up a food chain.	Non-vegetarianism leads to better use of available energy.
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2.	1_3 Science 7291	Components Of Food	Calorie is a unit of energy. Some food items mention on their label a certain number of calories. What is the reason for this?		B												
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3.	1_3 Science 7256	Components Of Food	1 level teaspoon of sugar contains 16 calories and 4g of carbohydrates. Calories here refers to_____.		D												
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	Question Code				B, C, D)												
4.	2_10 Science 4116	Components Of Food	Which of these symptoms will be seen in a person who does not take any <u>sour fruits</u> in his diet?		C												
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5.	1_3 Science 7303	Components Of Food	Different kinds of food contain different substances useful to our body. These are called nutrients. Which nutrient gives us energy?		B												
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6.	3_15 Science 3510	Components Of Food	Difficulty in seeing in dim light can be prevented by including in the daily diet_____.		B
Answer Options					
		Option A	Option B	Option C	Option D
		rice and dal	carrots and leafy vegetables	potatoes and rice	chapatti and onion
7.	2_9 Science 6008	Components Of Food	DIETARY FIBRE is the part of our food which our body cannot fully digest. From which of these does it come?		B
Answer Options					
		Option A	Option B	Option C	Option D
		Milk	Leafy vegetables	Sea fish	Ghee and oils
8.	2_9 Science 6006	Components Of Food	During a birthday party Sahil eats a lot of cake. After swallowing, how does the cake pass from the food pipe to the		c

		stomach	
Answer Options			
Option A	Option B	Option C	Option D
Due to the contraction of the muscles in the food pipe controlled by Sahil.	Due to the expansion of the muscles in the food pipe not under his control.	Due to the expansion and contraction of the muscles in the food pipe not under his control.	Due to the expansion and contraction of the muscles in the food pipe controlled by him.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
9.	2_9 Science 4948	Components Of Food	According to the food chart shown below, spinach (palak) would be a good source of:	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">FOODS</th> <th style="width: 50%;">NUTRIENTS</th> </tr> </thead> <tbody> <tr> <td>Bread, rice, potato</td> <td>Carbohydrates</td> </tr> <tr> <td>Nuts, butter, cooking oils</td> <td>Fats</td> </tr> <tr> <td>Fish, meat, pulses, milk</td> <td>Proteins</td> </tr> <tr> <td>Leafy vegetables, fruits</td> <td>Minerals</td> </tr> </tbody> </table>	FOODS	NUTRIENTS	Bread, rice, potato	Carbohydrates	Nuts, butter, cooking oils	Fats	Fish, meat, pulses, milk	Proteins	Leafy vegetables, fruits	Minerals	D
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
10.	1_3 Science 6622	Components Of Food	What is the BEST reason for including fruits and leafy vegetables in a healthy diet?		C

		Answer Options			
		Option A	Option B	Option C	Option D
		They have a high water content.	They are the best source of protein.	They are rich in minerals and vitamins.	They are the best source of carbohydrates.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
11.	1_3 Science 7318	Components Of Food	Gums swell up and bleed often for people who have a vitamin C deficiency. Identify a food that people with this deficiency should eat.		D
		Answer Options			
		Option A	Option B	Option C	Option D
		Eggs	Meat and fish	Pulses	Lemon and orange juice.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

12.	0_0 Science 9103	Components Of Food	<p>Answer the question based on the information below:-</p> <p>Our bodies need energy to live and grow, and this is provided by the food we eat. The energy provided by different nutrients like carbohydrates, fats and proteins is shown in this table: (Other components do not contribute significantly to the total calories.)</p> <p>How many calories are there totally in the two slices of toast whose nutrient information is shown on this label?</p>		B												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" data-bbox="463 858 2078 906">Answer Options</th> </tr> <tr> <th data-bbox="463 906 835 954">Option A</th> <th data-bbox="835 906 1229 954">Option B</th> <th data-bbox="1229 906 1637 954">Option C</th> <th data-bbox="1637 906 2078 954">Option D</th> </tr> <tr> <td data-bbox="463 954 835 986">About 160</td> <td data-bbox="835 954 1229 986">About 350</td> <td data-bbox="1229 954 1637 986">About 390</td> <td data-bbox="1637 954 2078 986">About 470</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	About 160	About 350	About 390	About 470
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13.

0_0
Science
9104

**Components
Of Food**

Answer the question based on the information below:-
Our bodies need energy to live and grow, and this is provided by the food we eat. The energy provided by different nutrients like carbohydrates, fats and proteins is shown in this table: (Other components do not contribute significantly to the total calories.)

The US Food and Drug Administration allows certain claims to be made when foods satisfy related conditions. Here are some of those claims:

Fat free: Less than 0.5 gram of fat per serving. Low fat: 3 grams or less per serving. Cholesterol free: Less than 2 mg of cholesterol per serving.

Low cholesterol: 20 mg or less of cholesterol per serving. Saturated Fat Free: Less than 0.5 gram of saturated fat per serving. Low Saturated Fat: 1 gram or less per serving or not more than 15 percent of calories from saturated fat.

Sodium free: Less than 5 mg of sodium per serving. Low sodium: 140 mg or less per serving. For a serving of 2 slices for which the information is shown, which of these claims can be made?"

Nutrition Facts			
Serving Size 2 slices (135g)			
Amount Per Serving			
Calories 135		Calories from Fat 135	
		% Daily value*	
Total Fat	19g		29%
Saturated Fat	8g		39%
Cholesterol	116mg		39%
Sodium	513mg		21%
Total Carbohydrate	36g		12%
Dietary Fiber			0%
Sugars			
Protein	10g		
Vitamin A	9%	Vitamin C	0%
Calcium	7%	Calcium	11%
Percent daily values are based on a 2,000 diet. Your daily values may be higher or lower depending on your calorie needs			
NutritionData.com			

D

Answer Options

Option A	Option B	Option C	Option D
Fat Free and Saturated Fat Free	Low Fat	Low Sodium	None of these claims can be made

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
14.	2_10 Science 4202	Components Of Food	The pie-chart shown represents a balanced diet. Some elements are marked. Letters P and Q respectively represent.		A										
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15.	4_24 Science 10226	Components Of Food	Night blindness is a condition caused by the deficiency of a vitamin in our body. A regular intake of which of these food items will help in preventing it?		C										
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		fruits and vegetables like oranges, amla, cabbage - rich in vitamin C	meat, chicken, fish - rich in vitamin B12	carrots, sweet potatoes, radish - rich in vitamin A	soya beans, corn, wheat - rich in vitamin E	
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