
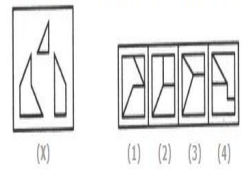
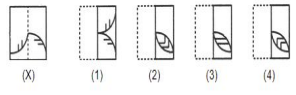


Sno.		Option 1	Option 2	Option 3	Option 4
1	Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B	Rs. 6400	Rs. 6500	Rs. 7200	Rs. 7500
2	A pupil's marks were wrongly entered as 83 instead of 63. Due to that the average marks for the class got increased by half ($1/2$). The number of pupils in the class is	10	20	40	73
3	Identify the figure that completes the pattern. 	1	2	3	4
4	Pointing to a girl, Rahul said "She is the only daughter-in-law of my grandfather's only daughter-in-law's only son." Then how is that girl related to Rahul	Sister	Daughter-in-law	Daughter	Can't be determined
5	Reena took a loan of Rs. 1200 with simple interest for as many years as the rate of interest. If she paid Rs. 432 as interest at the end of the loan period, what was the rate of interest	3.6	6	18	Can't be determined
6	Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X). 	1	2	3	4
7	Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line. 	1	2	3	4

8	<p>Identify the figure that completes the pattern.</p> <p>(X) (1) (2) (3) (4)</p>	1	2	3	4
9	<p>Identify the figure that completes the pattern.</p> <p>(X) (1) (2) (3) (4)</p>	1	2	3	4
10	Milk and water are mixed in vessel A in the ratio of 5:2 and in vessel B in the ratio of 8:5. In what ratio should quantities be taken from the two vessels so as to form a mixture in which milk and water will be in the ratio of 9:4 ?	7:02	5:02	2:07	2:05
11	Fill the blank in the middle of the series or end of the series SCD, TEF, UGH, ____, WKL	CMN	UJI	VIJ	IJT
12	The value of a machine depreciates at the rate of 10% every year. It was purchased 3 years ago. If its present value is Rs. 8748, its purchase price was:	Rs. 10000	Rs. 12000	Rs.14000	Rs.16000
13	Two pipes fill a tank in 10 hours and 12 hours respectively, while a third pipe empties the full tank in 20 hours. If all the three pipes operate simultaneously, in how much time the tank will be filled	7 hrs	8 Hrs	7 Hrs 30 Min	8 Hrs 30 Min
14	A tank contains a mixture of 80 litre of milk and water. 70% of the milk and 30% of the water are drawn, therefore 55% part of the tank become empty. Find the initial quantity of milk and water in the tank.	50 Litre,30 Litre	30 Litre,50 Litre	20 Litre,60 Litre	None
15	What was the day of the week on 17th Sept,2021	Friday	Thu	Monday	None
16	A can do a certain job in 12 days. B is 60% more efficient than A. The number of days, it takes B to do the same piece of work is	6days	61/4days	71/2 Days	8 Days
17	A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500?	Rs. 4991	Rs.5991	Rs.6001	Rs.6991
18	The current ages of Sonali and Monali are in the ratio 5:3.Five years from now ,their ages will be in the ratio of 10:7.Then,Monali's current age is	3 years	5 years	9 Years	15 Years
19	The product of two numbers is 9375 and the quotient, when the larger one is divided by the smaller, is 15. The sum of the numbers is	380	395	400	425
20	In a bag, there are coins of 25 p, 10 p and 5 p in the ratio of 1 : 2 : 3. If there is Rs. 30 in all, how many 5 p coins are there?	50	100	150	200

Sl No	Correct Answer
1	Rs. 7500
2	40
3	4
4	Daughter-in-law
5	6
6	1
7	4
8	4
9	4
10	7:02
11	VIJ
12	120000
13	7 Hrs 30 Min
14	50 Litre,30 Litre
15	Friday
16	$7\frac{1}{2}$ Days
17	Rs.4991
18	9 Years
19	400
20	150

S.NO.	Questions	OPTIONS				Correct Answer
1	Which of the following is/are true about Potassium Bromate? 1. Potassium Bromate is a category 2B carcinogen 2. Potassium Bromate increases dough strength, leads to higher rising and uniform finish to baked products 3. Food Safety and Standards Authority of India (FSSAI) permits them upto 50 parts per million	1,2	1,3	2,3	All of the above	All of the above
2	This logo stands for? 	RePurpose used cooking oil	Reused Cooking Oil	Reuse under cooked oil	None of the above	RePurpose used cooking oil
3	Which one of the listed organizations in the supply chain can implement ISO 22000? 1) Food Manufacturing, 2) food ingredient manufacturing, 3) food additives manufacturing, 4) transportation of food, 5) packaging of foods, 6) retail or whole sale dealer, 7) Restaurants, 8) food equipment production	All of the above excluding 2 and 3	All of the above excluding 4,8 and 8	All of the above	Only 1,6,7	All of the above
4	Suppose you are working in a fruit juice manufacturing company. What can be the maximum limit of metal contaminants are allowed in fruit juice (including tomato juice but not including lime juice and lemon juice)	1.0 parts per Million by weight	0.5 parts per Million by Weight	0.2 parts per Million by Weight	0.3 parts per million by weight	1.0 parts per Million by weight
5	Sugar and salt act as preservatives by	Killing Micro-organisms directly	Increasing the acid content of food	Increasing the water content of food	Binding water so it is not available for Micro-organisms	Binding water so it is not available for Micro-organisms
6	Benefits of Implementing HACCP/ ISO 22000:	A preventive approach to food safety	Reduce the need for and cost of end product testing	Can help identify process improvements and reduce customer complaints	All of above	All of above
7	As per FSS act limit for individual pesticide residue in packaged drinking water is	1.0 ppm	0.1 ppm	1.0 ppb	0.1 ppb	0.1 ppb
8	What type of layout is considered to be the most suitable for Food manufacturing unit to avoid cross contamination?	G type	I type	H type	O type	I type
9	During an audit, in a food manufacturing unit, auditor noticed that workers are using same broom in different sections of Manufacturing unit. Will this be a reason for Non Conformity(NC) ?	No, 1 broom can be used in different sections	No, its not good to use 1 broom in all the sections, auditor will give NC	No, its not good to use 1 broom in all the sections, auditor will give major NC	Depends on Auditor	No, its not good to use 1 broom in all the sections, auditor will give NC
10	Is it okay to use rat poison in third line of defense in Food manufacturing unit?	Yes, its completely fine	No, you cannot use poison to kill rats	No, you cannot use rat poison in 3rd line of defense	It doesn't matter.	No, you cannot use rat poison in 3rd line of defense
11	A good Storage Practice is	Arranging the cartons and stacking them to 11.5 ft.	Arranging the cartons and keeping them 1.5 Ft away from the walls and 0.75 ft above the floor	Arranging the cartons and keeping them 3cms above the ground	Arranging the cartons and stacking them to 7.5 ft.	Arranging the cartons and keeping them 1.5 Ft away from the walls and 0.75 ft above the floor
12	Verification involves being able to conform that HACCP elements are working properly. Which of the following is NOT a method used for verification	Random Sampling	Microbiological testing	Performing a mock recall	Chemical testing	Performing a mock recall
13	There is a food manufacturing unit producing Potato Chips and Soya milk in the same unit. Is company liable to show allergen declaration on the packet of Potato chips or not?	They are Not Liable	They are Liable to declare	It's upto them	Both A & B	They are Liable to declare
14	In a spice manufacturing unit, in chilli powder process line, magnets has been installed in between the process line and metal detector has been installed at the end of line and then a X-ray is installed after packaging. Which is CCP (Critical Control Point) in this case and which one is OPRP (Operational Prerequisite Program) in this case?	CCP-Magnets OPRP-Metal Detector	CCP-Meatl detector and X ray OPRP-Magnets	CCP-Metal detector OPRP-Magnets & X-ray	CCP-Magnets & Metal detector OPRP- X-ray	CCP-Metal detector OPRP-Magnets & X-ray
15	Choose the correct statement from below:- a. Quality control is a product focused concept while Quality assurance is a process focused concept b. Quality control is a process focused concept while Quality assurance is a product focused concept c. Quality control and Quality assurance are interchangeable in present ISO era d. None of the above is correct	a	b	c	d	a
16	Water used for cleaning of equipment's, containers and cooking vessels should be	Piped Water	Drinking Water	Well water	Packaged drinking water containing extra minerals	Drinking Water
17	In a fruit manufacturing unit, during slicing process, some of sliced mango fall on the ground by mistake. Answer in which color of dustbin will the labour throw this waste?	Blue	Red	Black	Green	Green
18	Glutomatic is an instrument used In Analytical lab to test?	Strength of Dough	Glucose present in Fresh Fruits	Moisture of Food products	None of the above	Strength of Dough
19	Why proper Air flow and Ventilation is necessary in a food facility?	So that workers don't feel hot while working	To avoid Cross contamination	For proper Ventilation	Air can flow in any direction, air flow doesn't matter	To avoid Cross contamination

S.NO.	Correct Answers
1	All of the above
2	RePurpose used cooking oil
3	All of the above
4	1.0 parts per Million by weight
5	Binding water so it is not available for Micro-organisms
6	All of above
7	0.1 ppb
8	I type
9	No, its not good to use 1 broom in allthe sections, auditor will give NC
10	No, you cannot use rat poison in 3rd line of defense
11	Arranging the cartons and keeping them 1.5 Ft away from the walls and 0.75 ft above the floor
12	Performing a mock recall
13	They are Liable to declare
14	CCP-Metal detector
15	OPRP-Magnets & X-ray a
16	Drinking Water
17	Green
18	Strength of Dough
19	To avoid Cross contamination
20	Drinking Water

S No.	Questions	Option A	Option B	Option C	Option D
1	Tomato sauce can be adulterated with	Chocolate	Mayonnaise	Starch	All of the above
2	Extraction of aromatic compound into fat is called	Expression	Super critical extraction	Soxhlet extraction	Enflourage
3	Rapid cooling of the cells from an optimal temperature to 0 deg C can also result in cell death. This is referred to as	Freeze burn	Cold shock	Storage death	Lethal effect
4	Which among these is GM tomato	Tar Polong	Bagoong monamo	Flavr Savr	None of the above
5	Bleaching of wheat has effect on	Flour baking properties	Flour pigments	Flour proteins	Flour starch
6	You are working for an orange juice company where on daily basis orange juice with 10% TSS is concentrated to 50% TSS in a multiple effect evaporator. To improve the quality of the final product the concentrated juice is mixed with an amount of fresh juice so that the concentration of the mixture is 40%. Calculate how much fresh juice per hour must be added back if the inlet feed flow rate is 10000 kg/h fresh juice. Assume steady rate.	257 kg/h	667kg/h	348 kg/h	849 kg/h
7	The typical low-shear stress product is	Breakfast cereal	Pet food	Puffed snack	Pasta
8	Spread ratio in biscuits is	Radius/circumference	Circumference/thickness	Diameter/weight	Diameter/thickness
9	Coconut extract agar detects which contaminants in food sample?	Aflatoxin	Ochratoxin	Penicillin	Calcitonin
10	A single effect continuous evaporator is used to concentrate a fruit juice from 15 deg Bx to 45 deg Bx. The juice is fed at 25 deg C, at the rate of 5400 kg/h. Calculate required evaporation capacity V (kg/s).	1 kg/s	75 kg/ss	160 kg/s	3600 kg/s
11	Silver coating in confectionary is called	Panning	Gilding	Polishing	None of the above
12	During Benedict's test	Sugar gets oxidized	Cu ³⁺ gets reduced	Both a and b	None of the above
13	The time of heating at a temperature to cause 90% reduction in count of viable spores is called	D value	F value	Z value	Lethal rate
14	Cocoa butter has	Very high melting point	Sharp melting point	Long range of melting point	None of the above
15	A dough mixer is used to knead bread dough in batches of 100 kg each. The net mixing power input is 250 W per kg of dough. The machine is equipped with a water jacket for cooling to maintain the dough temperature constant during the mixing cycle. For a proper cooling, the increase in the temperature of the cooling water is to be maintained below 15 deg C. What is the minimum flow rate of cooling water? Consider C _p = 4180J/kg.K for water.	0.4 kg/s	0.8 kg/s	1.2 kg/s	1.6 kg/s
16	The number of ATPs given off in the fermentation of a glucose molecule is	4	2	40	0
17	Sausage is	An emulsion	A solution	A precipitate	None of the above
18	A vinegar containing 5 grams of acetic acid per 100 cubic centimeters is referred to as	0.5 grain	5 grain	50 grain	500 grain
19	Lactose increases the retention of	Calcium	Phosphorous	Iron	Iodine

S No.	Correct Answer
1	Starch
2	Enfluerage
3	Cold shock
4	Flavr Savr
5	Flour pigments
6	667kg/h
7	Pasta
8	Diameter/thickness
9	Aflatoxin
10	1 kg/s
11	Gilding
12	Both a and b
13	D value
14	Sharp melting point
15	0.4 kg/s
16	2
17	An emulsion
18	50 grain
19	Iodine
20	All of the above