

NO.	ANSWER
1	Denise finding the assessment easy is conditional upon Denise paying close attention to the class discussion. The term “whenever” can be substituted by the word “if”, which means that if Denise pays close attention to the class discussion, she will find the assessment easy. Option D is the correct answer.
2	The reasoning of Jonas is false; he assumes that any plant with a bulb in Liza’s garden is automatically a lily. There are other plants other than lilies that have a bulb that can be found in Liza’s garden. Nick’s reasoning is correct as it was stated in the information box that lilies are the only flowers found in Liza’s garden. There is also the majority of lilies that have bulbs. Thus, finding a flower in Liza’s garden immediately makes one a lily. Option B is the correct answer.
3	Justin was mentioned thrice – the most mentions in the group. Therefore, it is highly likely that he is part of the dance troupe. If Justin is part of the dance troupe, it means that Frahn, Trisha, and Cherry were among the four people who correctly named one person but incorrectly guessed the other. It further means that: Frahn was wrong about Trisha. Trisha was wrong about Frahn. Cherry was wrong about Tom. At this point, it can be identified that Justin was the one who lied because he said that Trisha and Tom are part of the dance troupe, which is incorrect. Between Tom and Amber, Tom is the fourth one who correctly named one person but incorrectly guessed the other. Amber is neither correct nor incorrect because she remained silent on the matter. It means that either Amber or Cherry is the second member of the dance troupe. However, Cherry can’t be the second member of the dance troupe because it was already stated that she’s one of the four people who correctly named and incorrectly guessed. She couldn’t have lied about her not being part of the dance troupe because Justin was the one among the six who lied. It means that Amber is the second member. Amber and Justin belong to the dance troupe. Option A is the correct answer.
4	The fourth condition suggests that Othello must give his speech immediately before Pin gives his speech, which means Othello can’t perform last. Option D is the correct answer.
5	The argument states that parents are required to make their kids drink Yakult every day because it contains probiotics that children need. The statement in option D strengthens and supports it as it states a reason why probiotics are important to kids. It is true that if kids have probiotics in their bodies, they won’t suffer from diarrhea and constipation, which are very common for kids who are still in potty training. So, if children drink Yakult, it can be avoided. The statements in the other options are all incorrect because they all contradict the idea of the argument. Option D is the correct answer.

6

The statement in option C best expresses the flaw in the argument. Even though there is no logical proof to support the claim, Henry's mom still believes that not eating breakfast would lead to a chain of future events like not being able to answer exam questions, not obtaining a diploma to get a job and other things which could lead to a bad outcome of becoming penniless.

Option C is the correct answer.

7

The quantity of each merchandise sold can be read from the given bar graph. Shown below is the quantity sold read from the bar graph. By subtracting the existing data of the quantity sold for each design (Logo 1, Logo 2, or Logo 3) from the quantity sold for each merchandise, the missing data can be identified. By adding all the merchandise sold with the Logo 3 design, there are 233 merchandise sold with this design.

Design	Quantity Sold	Logo 1	Logo 2	Logo 3
Shirts	60	15	35	10
Shorts	45	10	10	25
Ballers	65	12	13	40
ID Lanyards	70	10	35	25
Tote Bags	55	20	20	15
Sling Bags	25	15	2	8
Ballpens	75	31	14	30
Pen Cases	35	10	5	20
Notebooks	40	7	8	25
Tumblers	90	45	10	35
Total	560	175	152	233

Option A is the correct answer.

8

To determine the difference in orchid supply between April and May, first identify which line or series in the graph corresponds to the orchid supply. In the legend, it is represented by the solid line, while the supply of lilies is represented by a dotted line.

Following the solid line, and considering that it is scaled in thousands, it can be determined from the graph that there were 36 thousand orchids in April, and 30 thousand orchids in May. Subtracting the two values results in a difference of 6 thousand orchids.

$$36\,000 - 30\,000 = 6\,000$$

Therefore, A is the correct answer.

9

To determine in which month of 2021 the sales increased the most, subtract the 2021 sales of a given month from the sales of the following month. The result is the difference in sales between the months.

Below are the calculations for the months in 2021.

January and February: $90 - 88 = 2$. They sold 2 more paintings in February than in January.

March and February: $58 - 90 = -32$. They sold 32 fewer paintings in March than in February.

April and March: $93 - 58 = 35$. They sold 35 more paintings in April than in March.

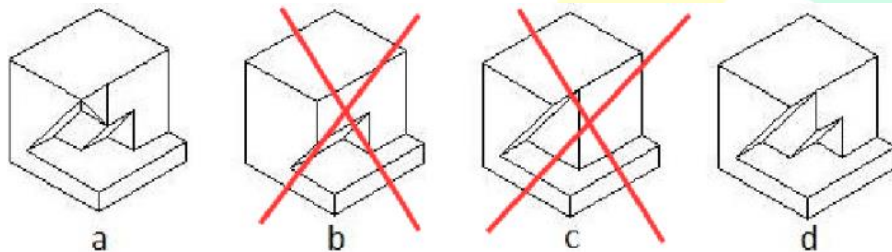
May and April: $99 - 93 = 6$. They sold 6 more paintings in May than in April

June and May: $120 - 99 = 21$. They sold 21 more paintings in June than in May.

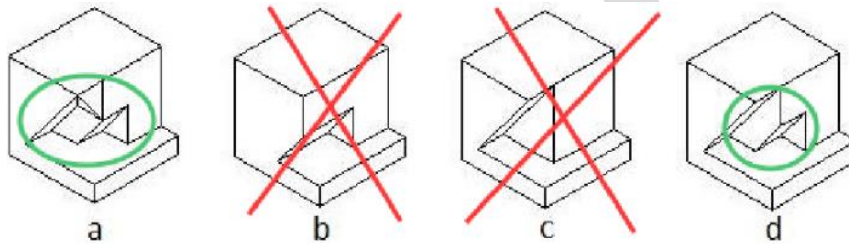
Thus, there was the most increase in sales in April (35 more than the previous month). **Therefore, A is the correct answer.**

10

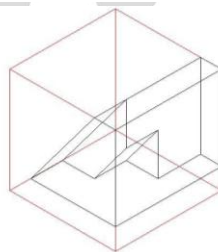
- To find the perfect piece that would make a complete cube, we must first look at the given options and mentally try to fit the given figure.
- By looking at the options, it is evident that the given figure is impossible to fit in the figure in options B and C. We can now eliminate those two from the possible answers. Now, we are left with options A and D and the two of them look similar to each other.



- But if you look closely, you will notice that their inside details are different from one another.



- Now, try to mentally fit the sample figure in the two options. You will notice that you can't fit the sample figure in the figure in option A but it fits perfectly in the figure in option D, thus making a complete cube.



- This is what it looks like when the sample figure and the figure in option D are combined.

Option D is the correct answer.

11

The argument talks about the difference between buying shoes from other shoe stores and from Nike stores. If you are planning to buy shoes from the Nike store, you can be assured about the authenticity of the shoe because they have written certifications for their shoes. Option B strengthens the argument by stating that the written certifications of shoes come from shoe experts who have years of experience in evaluating the quality and authenticity of the shoes. Option A is incorrect because it attempts to weaken the argument by stating that it is not just Nike who have written certifications for their shoes but also other stores. Option C is also incorrect because the argument is about the authenticity of the shoes and written certifications and not the quality of the shoes. Lastly, Option D is incorrect because the statement is merely talking about independent shoe experts and not about if they have years of experience or not.

Option B is the correct answer.

12	The given choices can be decoded as follows: A. NYYBJ - ALLOW B. NXXBK - AKKOW C. BYYPX - OLLCK D. NBBPK - AOOCX Therefore, A is the correct answer.												
13	Since the weight of an object on the moon is also 1/6th lighter compared to the Earth due to its weaker gravitational pull, it must be the case that a 60-kilogram human here on Earth is just approximately 10 kilos of weight on the moon. Therefore, Luke's statement is true. If the moon's gravity is about 1/6th as powerful as the gravity of the Earth, then a falling object is slower on the moon than on Earth for the same reason. This makes Rose's statement true. Therefore, both Rose and Luke have the correct reasoning. Option C is the correct answer.												
14	The statement in option D best expresses the main conclusion of the argument. The statement was able to pin the most important message that the passage was trying to convey. The first two statements of the passage were only possible causes of the extinction. The main point was about how the extinction of dinosaurs impacted the ecosystem, whatever the cause of the extinction may have been. Option D is the correct answer.												
15	<table border="1"> <thead> <tr> <th>Category</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>USA</td> <td>320</td> </tr> <tr> <td>Australia</td> <td>240</td> </tr> <tr> <td>Japan</td> <td>120</td> </tr> <tr> <td>China</td> <td>180</td> </tr> <tr> <td>Great Britain</td> <td>100</td> </tr> </tbody> </table> The table that is shown in Option C, best matches the information in the pie chart. Option C is the correct answer.	Category	Value	USA	320	Australia	240	Japan	120	China	180	Great Britain	100
Category	Value												
USA	320												
Australia	240												
Japan	120												
China	180												
Great Britain	100												

16

The first character of the code is the fourth letter of the word starting from the right.

The second character of the code is the number of letters of the word and whether this number is odd or even:

for even @ for odd

The third character of the code is the number of vowels.

Example: Beautiful is coded as i@5.

The word NERVOUS has the letter "v" as its fourth letter from the right. It has 7 letters, which is an odd number, thus the second character is "@". Then it has three vowel letters, thus "3" is the third character.

Thus, the code for the word NERVOUS is v@3. **Option A is the correct answer.**

17

By filling up the tiles with missing figures according to the given rules, one can arrive at the answer as seen in the image below.



- A 
- B 
- C 
- D 

Thus, the figure that replaces the question mark is a light bulb. **Option C is the correct answer.**

18

Upon checking the different discounts, the total cost per sandal store is calculated below:

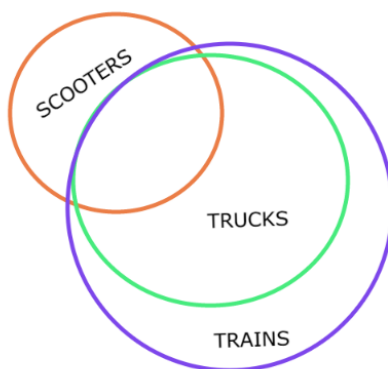
	Promo Discount	Total
Shop A	10% off on total purchases	$\$165 \times 11 = \$1,815$ $\$1,815 \times 0.90 =$ \$1,633.50
Shop B	Buy 1, Get 1 Free	$\$175 \times 8$ (2 pairs are free) = $\$1,400 + \$175 =$ \$1,575
Shop C	\$399 less on total price	$\$185 \times 11 = \$2,035$ $\$2,035 - 399 =$ \$1,636

It is observed that Shop B offers the lowest price at \$1,575. So, Lesley's remaining money will be

$$\$4,999 - 1,575 = \$3,424$$

Option D is the correct answer.

19



By looking at the diagram, it can be concluded that conclusion I follows while conclusion II does not follow. It is true that some scooters are trains and some trucks are scooters.

Option A is the correct answer.

20

Option A is not applicable because of the orientation of the 3-Dot Line.

Option B is not applicable since the "Quarter Circles" and the "3-Dot Line" should be on opposite sides.

Option C is not applicable because the two blank sides should not be adjacent.

Option D satisfies the condition when the cube is being formed.

Option D is the correct answer.

21

The argument talks about the advantage of buying diamonds at Crystal Cove over other stores. Option B strengthens the argument by pointing out that diamonds from Crystal Cove have written certifications from industry professionals, which assures customers of a fair and justified price. Unlike other stores that depend on the judgement of the sellers, Crystal Cove makes sure that diamond prices reflect the real value of the diamonds. Although Option C attempts to strengthen the argument, it is still not enough because it only assumes that all diamonds coming from Crystal Cove are of high quality without giving any evidence. Options A and D attempt to weaken the argument so both of them are incorrect.

Option B is the correct answer.

22

The main argument establishes the idea that the comet theory is a possible cause for the extinction of dinosaurs. Option C weakens the argument by pointing out that there are animals, who share the same physiology and habitat as dinosaurs, who did not go extinct during the timeline of the comet theory. Because there are animals who survived, the comet theory could not be totally effective and could not be the reason for the demise of dinosaurs. Option B is a close answer but it is incorrect because it only mentions other animals, who are not the same as dinosaurs. These animals could have survived because of their unique genes and anatomy. Thus, it does not totally weaken the argument. Options A and D are irrelevant to the argument so both of them are incorrect.

Option C is the correct answer.

23

Option A shows the flaw in Mark’s statement. His claim is an example of a slippery slope fallacy where he assumes that the worst will happen if the manager continues to grant special excuses to workers who have sudden family emergencies. Permitting a worker to leave early does not automatically mean that other workers will abuse it and use it to come home early. Options B, C, and D are other examples of logical fallacies but they are not related to what Mark said in his statement.

Option A is the correct answer.

24

Option D clearly shows the main conclusion of the argument. The most important takeaway from the argument is that the government ought to try something new in order to reduce the number of people who smoke. As evidence for this conclusion, the passage provides evidence of the pervasiveness of smoking, the ineffectiveness of advertising campaigns, and the harm caused by smoking. The raising of prices is only mentioned in this passage as an illustration of one possible strategy among many others. Options A, B, and C are incorrect because they only act as supporting statements to the main conclusion of the argument.

Option D is the correct answer.

25

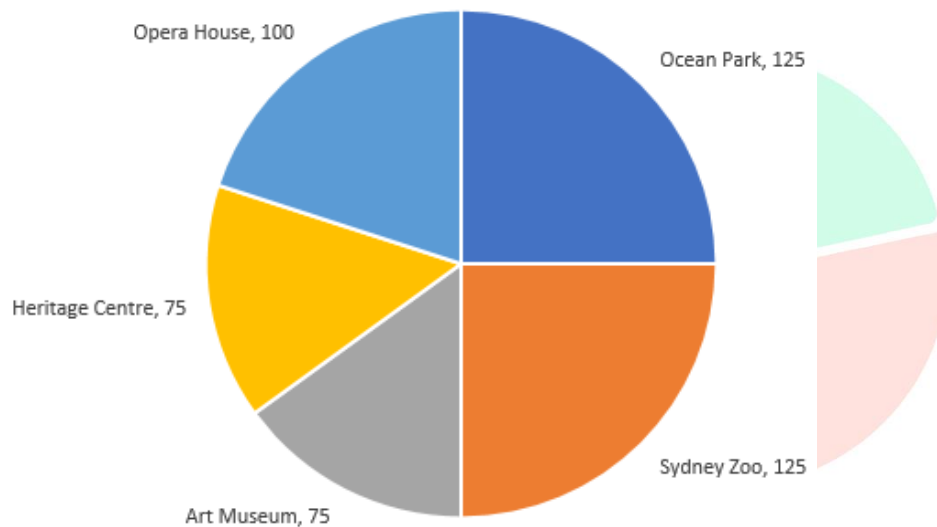
Upon checking the different discounts, the total cost per jewellery store is calculated below:

	Promo Discount	Total
The Finest Designs	20% off on total purchases	$\$320 \times 12 = \$3,840$ $\$3,840 \times 0.80 = \mathbf{\$3,072}$
Goldmark	Buy 1, Get 1 Free	$\$330 \times 10$ (2 bracelets are free) = \$3,300
Bevilles	\$399 discount on total price	$\$310 \times 12 = \$3,720$ $\$3,720 - 399 = \mathbf{\$3,321}$

It is observed that Bevilles offers the most expensive price at \$3,321. **Option C is the correct answer.**

26

The correct pie chart for the figure is shown below:

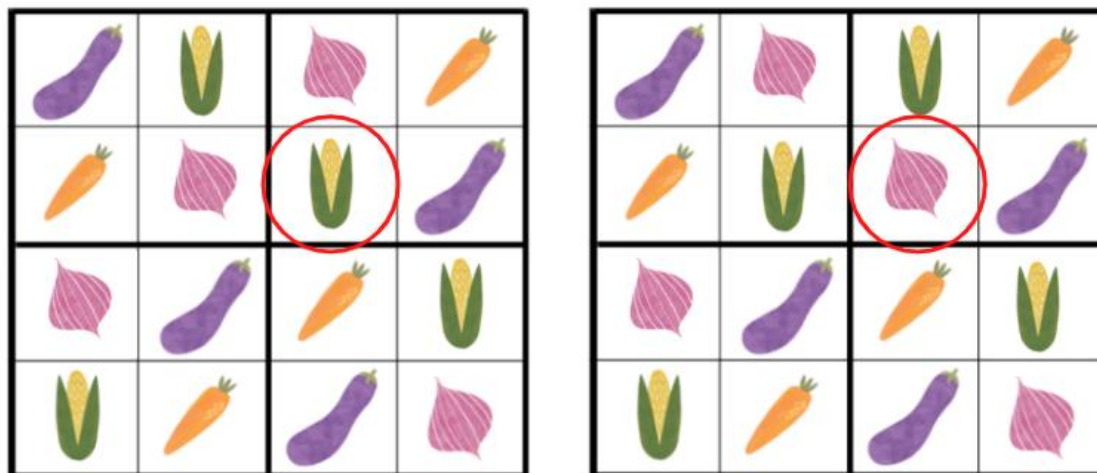


This image can be determined by identifying the proper fraction of some data by dividing the number of votes the school trip got by the total number of votes. In the case of Ocean Park and Sydney Zoo, their fractional portion is $125/500$ or 25% of the circle. Since both of them occupy a quarter of the whole circle, the correct pie chart must show a clear division of 25%. Only Option A shows this clear distinction among the answer options.

Option A is the correct answer.

27

By filling up the tiles with missing figures according to the given rules, one can arrive at the answer as seen in the image below.



Thus, the figure that can replace the question mark is either a corn or an onion. **Option C is the correct answer.**

28

The BDO Bank Account password can be determined by comparing the other passwords and searching through their differences as seen below:

Bank Account Password		Difference
BDO	Other Accounts	
!rMK9*#Z	!rMK8*#Z	8 instead of 9
	!rMK9*#Z	! instead of !
	!rMK9*%Z	% instead of #
	!cMK9*#Z	c instead of r

Therefore, the BDO Bank Account password must be !rMK9*#Z. **Option A is the correct answer.**

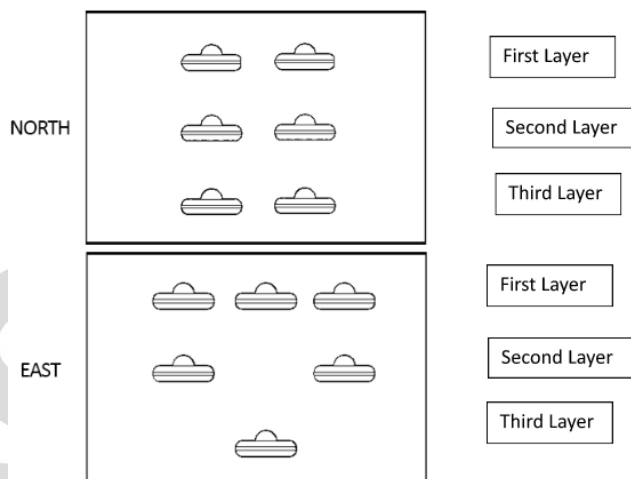
29

Since Royce rides his motorcycle when there is heavy traffic, it must be the case that he drove his motorcycle yesterday because of heavy traffic. Therefore, Gerald's statement is true.

Even if there is no heavy traffic today, it does not necessarily mean that Royce will not use his motorcycle. There are other factors that might have influenced his decision such as waking up late or doing something with the need to use a motorcycle. Therefore, Zyndee's statement is incorrect.

Therefore, only Gerald has the correct reasoning. **Option A is the correct answer.**

30



For the First Layer, 2 rows are seen at North and 3 rows are seen at East: $2 \times 3 = 6$

For the Second Layer, 2 rows are seen at North and 2 rows are seen at East: $2 \times 2 = 4$

For the Third Layer, 2 rows are seen at North and 1 row is seen at East: $2 \times 1 = 2$

Thus, the largest possible number of UFOs in the fleet is:

$$6 + 4 + 2 = 12 \text{ UFOs}$$

Option A is the correct answer.