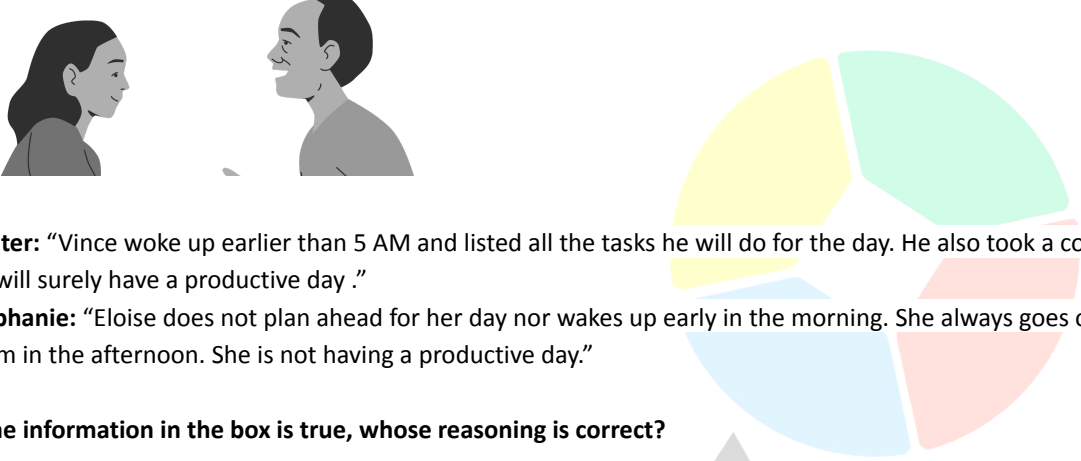


NO.	QUESTION
1	1. All apples on the tree are green. 2. Some fruits on the tree are ripe. 3. Ripe fruits on this tree are red. Given these statements, which of the following must be true? A. All ripe fruits on the tree are apples. B. No apples on the tree are ripe. C. Some apples on the tree are red. D. The tree has green, ripe fruits.
2	Statements: Some money is petty cash. Some petty cash is part of shares. All shares are bills. Conclusions: 1.) Some money is part of shares. 2.) Some money is part of bills. Which of the following logically follows? A. Only Conclusion 1 follows. B. Only Conclusion 2 follows. C. Conclusion 1 and 2 both follow. D. Neither Conclusion 1 nor Conclusion 2 follows.
3	1. All lions in the park are carnivores. 2. Some animals in the park are herbivores. 3. All herbivores in the park are zebras. Given these statements, which of the following must be true? A. Some lions in the park are zebras. B. No lions in the park are zebras. C. All animals in the park are carnivores. D. Some animals in the park are neither lions nor zebras.
4	Brian, Shane, Jerome, and Kyla are all computer engineers. Each of them works at a different company and owns a different laptop brand. No two people work at the same company and own the same laptop brand. One works at Alorica; one at Accenture; another works at Sykes; and another one at Telus. The laptops are HP, Apple, Dell, and Acer. - Brian owns an Apple laptop. - Shane works at Alorica. - Jerome works at Telus. - The person who owns an Acer does not work at Sykes. - The person who owns a dell works at Accenture. Which of the following must be true? A. Kyla owns an Acer. B. Jerome works at Alorica. C. Brian works at Sykes D. Shane owns an Acer.

5	If all dogs are pets and all pets are animals, are all dogs animals? A. Yes B. No C. Only some D. Cannot determine
6	Jackfruits are big. Many big things are edible but some big things are poisonous. Most jackfruits are sweet. If the information above is true, which statement is most likely false? A. Jackfruits might be edible. B. If it is poisonous, it might be a jackfruit. C. If it is big but it is not sweet, it might be a jackfruit. D. If it is big but it is not sweet, it cannot be a jackfruit.
7	Rebecca bought four figurines for her office table: an angel, a child, a dog, and a cat. <u>All the figurines are placed horizontally on Rebecca's table.</u> The child is to the left of both the angel and the cat, and the dog is to the right of the angel. If the angel comes right after the cat from left to right, which figurine comes second from the left? A. Cat B. Child C. Angel D. Dog
8	Some bottles are drinks. All drinks are cups. Conclusions: I. Some bottles may be cups. II. Some cups may be drinks. III. All drinks are bottles. IV. All cups are drinks. Which of the following conclusions follow/s? A. Conclusion I only B. Conclusion II only C. Conclusion III only D. Both conclusions I and II
9	Harvey sells four different types of chocolates in his shop: milk chocolate, dark chocolate, white chocolate, and bittersweet chocolate. He found out that: - No one who likes milk chocolate also likes dark chocolate. - Most people who like dark chocolate also like bittersweet chocolate. - Some people who like bittersweet chocolate also like white chocolate. - Everyone who likes white chocolate also likes dark chocolates. Which of the following must also be true? A. If Zoe likes dark chocolate, she also likes white chocolate. B. No one who likes white chocolates also likes milk chocolate. C. If Martha likes bittersweet chocolate, she also likes dark chocolates. D. If Melanie likes milk chocolate, she also likes bittersweet chocolates.

10	To have a productive day, you must plan your day ahead and wake up earlier than 5 AM and take an early cold shower  Walter: "Vince woke up earlier than 5 AM and listed all the tasks he will do for the day. He also took a cold shower. He will surely have a productive day." Stephanie: "Eloise does not plan ahead for her day nor wakes up early in the morning. She always goes out of her room in the afternoon. She is not having a productive day." If the information in the box is true, whose reasoning is correct? A. Walter only B. Stephanie only C. Both Walter and Stephanie D. Neither Walter nor Stephanie
11	The following statements were given: I. Robots are made of metal. II. Some robots have distinctive designs. III. No robots last for more than 5 years. IV. All robots are placed in the laboratory. If the statements above are true, which of the following statements should also be true? A. If it is made of metal and is placed in the laboratory, it is definitely a robot. B. If it has distinctive designs <u>but does not</u> last for more than 5 years, it might be a robot. C. If it is made of metal and <u>lasts for more</u> than 5 years, it might be a robot. D. If it has distinctive designs, it most likely is a robot.
12	After Term 1, the students are given one week to rest. Josh, Doreen, Bea, and Will all shared that each one of them wants to go to a <u>different place</u> in <u>Australia</u> to do different activities. No two people want to go to the same place and do the same activity. <u>One</u> likes to go to Dreamworld; one to Parkes Telescope; one to the Museum of Sydney; and the other to Melbourne Zoo. One wants to take pictures of artworks; one wants to stargaze; one wants to see the lions; and the other one wants to play some games. - Josh wants to try stargazing. - Doreen wants to go to the zoo. - Will wants to play some games. What activity does Bea want to do? A. Try stargazing B. Take pictures of artworks C. Play games D. See the lions

13	Statements: All whisks are chopsticks. All chopsticks are spoons. Some spoons are forks. All forks are bowls. Conclusions: 1.) All bowls are whisks. 2.) At least some spoons are bowls. 3.) All chopsticks are not whisks. 4.) All spoons are bowls. Which of the following logically follows? A. Only Conclusion 1 follows. B. Only Conclusion 2 follows. C. Only Conclusion 2 and 4 follow. D. All Conclusions follow. 
14	Amy has an apple. Billy has a banana. Clara has a cherry. Who has the fruit that starts with the letter "A"? A. Amy B. Billy C. Clara D. All of them
15	All dogs are animals. Spot is a dog. What is true? A. Spot is not an animal. B. Spot is an animal. C. Spot may or may not be an animal. D. None of the above.
16	If you want to have dessert, you must finish your vegetables. Sam finished his vegetables. What can Sam have now? A. Lunch B. Dessert C. More vegetables D. Breakfast
17	Luchadors are the strongest wrestlers. Some Luchadors wear outfits in the colours blue and red. Some Luchadors have a wrestling match at night. Luchadors are fast and swift. If the information in the box is true, whose reasoning is correct? Rey: "Some Luchadors have a wrestling match at night, but all Luchadors are fast and swift." Kevin: "If a wrestler wears outfits with the colours blue and red, then they must be a Luchador." A. Kevin only B. Rey only C. Both Rey and Kevin D. Neither Rey nor Kevin

18	Whoever wishes to be exemplary in debate must also be great at critical thinking. But one does not become a critical thinker unless they are good at objective reasoning. Being good at objective reasoning can only be acquired when a person reads books. If all of the above statements are true, which of the following must also be true? A. Anyone who reads books is good at objective reasoning. B. If a person is good at objective reasoning, then the person is also a critical thinker, unless the person does not want to become exemplary at debating. C. If a person does not read books, then he cannot be exemplary at debating. D. If a person is not good at objective reasoning, then he cannot read books.
19	Tom wants to speak Arabic. For him to do such, he needs to read Arabic language books. To get these books, Tom needs to call Arabic language teachers who wrote the books themselves. These Arabic language teachers can be contacted by referring to the library's contact list. If the information in the box is true, whose reasoning is correct? Andrew: "If Tom can speak Arabic, then he must have called Arabic language teachers." Tobey: "If Tom can access the library's contact list, then he can speak Arabic." A. Andrew Only B. Tobey Only C. Both Andrew and Tobey D. Neither Andrew nor Tobey
20	Every cat is an animal. And every animal can move. Which is correct? A. Every cat can move. B. Some cats can't move. C. Only some cats can move. D. Cats cannot move.
21	Statement: Online learning has transformed the way students acquire knowledge. Assumptions: I. Online learning is the only way students can acquire knowledge. II. Online learning has only positive impacts on how students acquire knowledge. Which of the following assumptions aligns with the statement? A. Assumption I only B. Assumption II only C. Both assumptions I and II D. Neither assumption I nor II

22	In each of the following questions, two statements numbered I and II are given. There may be a cause-and-effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Statements: I. The number of students enrolling in computer science courses has decreased this semester. II. The university has increased tuition fees for computer science courses this semester. III. The university has also introduced a new policy requiring computer science students to complete an internship as part of their degree program. Which of the following must be true? A. Statement I is the cause, and statement II and III are its effects. B. Statement II is the cause, and statement I and III are its effects. C. Statement II and III is the cause, and statement I is its effect. D. Statements I, II, and III are independent causes with no relationship to each other.
23	In each of the following questions, two statements numbered I and II are given. There may be a cause-and-effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Statements: I. It rained heavily yesterday. II. The streets were flooded yesterday. Which of the following is true? A. Statement I is the cause, and statement II is the effect. B. Statement II is the cause, and statement I is the effect. C. Statements I and II are independent causes or effects with no relationship to each other. D. Both statements I and II are effects of some common cause.
24	You must accept the given statements as true, even if they appear to contradict commonly known facts. Read all of the conclusions and decide which one logically follows from the given statements. • All wrestlers are athletes. • Some athletes are actors. • All actors are famous. • Some famous people and athletes are rich. Conclusions: I. No wrestler is not famous. II. All actors are wrestlers. III. Some wrestlers can be rich. IV. All famous people are wrestlers. Which of the following conclusions follow? A. I and III only. B. IV only. C. III only. D. I and II only.

25	Only employees who have passed the orientation training are allowed to operate the machinery. Which one of these statements can not be true? A. If an employee operates the machinery, they must have passed the orientation training. B. If an employee has not passed the orientation training, they cannot operate the machinery. C. If an employee passes the orientation training, they will definitely operate the machinery. D. If an employee does not operate the machinery, they may or may not have passed the orientation training.
26	You are in a dungeon and come across three doors, one of them contains treasure and the other two have pits with snakes behind them. The doors have signs and you know the one that leads to the treasure has a false sign and the other signs are true. Door 1: "The treasure is behind door 2." Door 2: "The treasure is behind door 3." Door 3: "The treasure is not behind this door." Which door should you pick? A. Door 1 B. Door 2 C. Door 3 D. Not enough information
27	In each of the following questions, two statements numbered I and II are given. There may be a cause-and-effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Statements: I. The temperature has dropped significantly. II. People are wearing warm clothes and jackets. Which of the following is true? A. Statement I is the cause, and statement II is the effect. B. Statement II is the cause, and statement I is the effect. C. Statements I and II are independent causes or effects with no relationship to each other. D. Both statements I and II are effects of some common cause.
28	Three friends - Alex, Ben, and Chris - were suspected of breaking a vase. The owner of the vase knows that two of them are guilty. During the investigation, they made the following statements: Statements: I. Alex said: "I am not guilty." II. Ben said: "Chris is guilty." III. Chris said: "Ben and I are both guilty." However, only one of them is telling the truth and the other two are lying. Which of the following statements must be true? A. Alex is guilty and telling the truth. B. Ben is not guilty and telling the truth. C. Chris is not guilty and lying. D. Chris is guilty and telling the truth.

29	A premise is a statement that we will accept as TRUE and use as the basis for an argument. One can use the premise to determine whether a conclusion MUST BE TRUE (100% always true), COULD BE TRUE (only possibly be true but not always true), or CANNOT BE TRUE (100% always false). Premise: Any student who passes the final exam will pass the course. Possible Conclusions: I. If a student does not pass the course, they did not pass the final exam. II. All students who pass the final exam will get an A grade in the course. III. Any student who does not take the final exam will fail the course. IV. If a student fails the exam, they did not pass the course. Which conclusions MUST BE TRUE, COULD BE TRUE, and CANNOT BE TRUE? A. Conclusion II, III, and IV could be true; conclusion I must be true. B. Conclusion II, and IV cannot be true; conclusion I and III must be true. C. Conclusion I, and IV must be true; conclusion II and III could be true. D. Conclusion I, and IV could be true; conclusion II and III cannot be true.
30	All kangaroos are marsupials. Some marsupials are nocturnal. Nocturnal animals are active at night. Conclusions: I. All kangaroos are active at night. II. Some nocturnal animals can be kangaroos. III. No marsupials are active during the day. Which of the following conclusions follow? A. II only. B. I only. C. II and III only. D. I and III only.