

NO.	ANSWER
1	<p>Ronald has a book collection in his room. He has a total of 129 books in his mini-library. But he only has 6 favourite books and he wants to place those on the topmost shelf. The books are as follows: Wonder, A Wrinkle in Time, The Secret Garden, The Little Prince, Love You Forever and Matilda.</p> <p>The order is based on the following conditions:</p> <ul style="list-style-type: none">- The book Wonder is placed before the book Love You Forever and is placed 4th.- The book Little Prince is not placed first or third.- The book The Secret Garden is placed before the Love You Forever.- One other book is placed after Wonder and before Matilda.- The Secret Garden is his current favourite as it is placed first. <p>What is the position of the Little Prince on Ronald's bookshelf?</p> <ul style="list-style-type: none">A. 1stB. 2ndC. 5thD. 6th
2	<p>Three people - Dianne, Karina, and Brix were suspected of stealing in a jewellery shop. The store owner knows that one of them is guilty. When faced with imprisonment, they made the following statements:</p> <p>Dianne: I am guilty. Karina: Dianne is guilty. Brix: Karina is guilty.</p> <p>However, only 2 of them are telling the truth; the other 1 is lying.</p> <p>Which of the following statements must be true?</p> <ul style="list-style-type: none">A. Karina is guiltyB. Brix is lyingC. Dianne is lyingD. Dianne is not guilty
3	<p>Chesca, Lalaine, Joy, and Jesmine are wearing the same Casio Baby G watches in different colours: white, black, blue, and pink.</p> <ul style="list-style-type: none">- Chesca and Jesmine are not wearing black or blue.- Joy doesn't like blue but wears it anyway.- Chesca wore a pink watch. <p>What colour of Casio Baby G watch did Lalaine wear?</p> <ul style="list-style-type: none">A. White

- B. Black
- C. Blue
- D. Pink

4

Night furries are the fastest dragons. Some night furries are coloured white. Some night furries are active during the day. Night furries are gentle and playful dragons.

If the information in the box is true, whose reasoning is correct?

Luke: "Some night furries are active during the day, but all night furries are playful and gentle animals."

Ariel: "If an animal is coloured white, it must be a night fury."

- A. Ariel only
- B. Luke only
- C. Both Luke and Ariel
- D. Neither Luke nor Ariel

5

Harry wants to perform magic tricks. In order for him to do magic tricks, he needs to watch videos of different magic tricks. To acquire these videos, he must contact expert magicians who took videos of themselves performing these tricks. These expert magicians can be contacted by referring to the magician directory.

If the information in the box is true, whose reasoning is correct?

Ron: "If Harry can access the magician directory, he can perform a magic trick."

Snape: "If a magic trick is achieved by Harry, he must have contacted an expert magician."

- A. Ron Only
- B. Snape only
- C. Both Ron and Snape
- D. Neither Ron nor Snape

6

Mom said that whoever did not keep his or her room and hallway clean, regardless of any reason, is subject to consequences, which can either be a deduction of their school allowance or being grounded for a week.

If the above statement is true, which of the following statements must also be true?

- A. Regardless of whether the reason is valid or not, the consequences of a dirty room and hallway still remain.
- B. If someone did not clean his hallway, he can only be deducted from his allowance, whereas if it was his room, the person automatically gets grounded.
- C. If someone has a valid reason as to why he was not able to clean his or her room, the consequences are null and void.
- D. If a person did not have an allowance deduction or was not grounded, then he can keep his room and hallway dirty.

7	<p>Scully, Hitchkuk, Gina, and Raymond are music band leaders. Each of their bands is invited to sing in four separate events, held in four different places. The available places for the events are IT Park, ICON Auditorium, Bonifacio District, and Naga Baywalk. The event organisers are Loreli Po, Chester Lim, Roger Branzuela, and Gabo Monasterio.</p> <ul style="list-style-type: none"> ● The band that came to Bonifacio District was invited by Gabo Monasterio. ● Scully accepted the invitation to the event held in IT Park. ● The band that came to ICON Auditorium was not invited by Roger Branzuela. ● Hitchkuk accepted the invitation of Lorelli Po. ● Gina accepted the invitation of Chester Lim. <p>Which of the following is most likely true?</p> <p>A. Roger Branzuela organised the event in IT park. B. Gina’s band surely came to Naga Baywalk. C. Hitchkuk’s band came to IT Park. D. Scully’s band accepted Gabo Monasterio’s invitation.</p>
8	<p>A person part of the Branzuela clan is only gifted in dancing. A person part of the Marano clan is not gifted in dancing, but in singing. Only those who are gifted in dancing can be Monasterios.</p> <p>Consider the following statements:</p> <p>I. The Marano clan are not Monasterios. II. The Branzuela Clan are also Monasterios. III. Singing is not a gift of the Monasterios.</p> <p>Which of these statements must be true?</p> <p>A. I only B. II only C. I and II D. I, II, and III</p>
9	<p>Mark and James are not scholars. Saje and Kate are scholars. Both Saje and Mark are honour students. Drake is neither a scholar nor an honour student.</p> <p>Which of the following is true?</p> <p>A. Mark is only an honour student. B. Drake is an honour student. C. James cannot be an honour student. D. Kate must be an honour student.</p>
10	<p>Statements:</p> <p>I. Some polos are t-shirts.</p>

- II. All skinny pants are t-shirts.
- III. No skinny pants are tattered jeans.
- IV. No polos are not tattered jeans.

Conclusions:

- I. No t-shirt can be tattered jeans.
- II. All polos can be tattered jeans.

Which among the options below follows?

- A. Only conclusion I follows.
- B. Only conclusion II follows.
- C. Both the conclusions follow.
- D. None of the conclusions follows.

11

Except for e-cigarettes and smoking in men aged 18-24, all harmful substance use among young Australians is declining. Between 2016 and 2019, nonsmokers aged 18-24 increased their lifetime use of e-cigarettes by 46 per cent, representing a massive increase in the use of a harmful substance in just three years. Anyone who uses a nicotine e-cigarette without a valid doctor's prescription obtained it illegally. Its importation, storage, sale, and promotion were all illegal.



Janine: "My brother buys e-cigarettes in suspicious online shops. He must have obtained it illegally."

Hanz: "I quit smoking a year ago. I must be included in the data representing the declining use of harmful substances."

If the information in the box is true, whose reasoning is correct?

- A. Hanz only
- B. Janine only
- C. Both Hanz and Janine are correct.
- D. Neither Hanz nor Janine are correct.

12

A number of conclusions are given in the following question below, and there are four sets of statements to choose from. You must accept the statements as true and then decide which of the given statements logically follows.

Conclusion 1: No sugar is a ball pen.

Conclusion 2: Some white are not sugar.

Conclusion 3: Some boxes are sugar.

Conclusion 4: Some white are ball pens.

Which of the following statements must be true?

- A. All sugar is a box. All boxes are ball pens. Some ball pens are white.
- B. All sugar is a box. No box is a ball pen. No ball pens are white.

	<p>C. Some sugar are boxes. All boxes are ball pens. Some ball pens are white.</p> <p>D. All sugar is a box. No box is a ball pen. Some ball pens are white.</p>
13	<p>The famous Richard Moore explained to a news reporter his system for playing roulette:</p> <p>Richard: "In each round, I always bet half of my total money at the time on red. Yesterday, I counted and I noticed that I won as many rounds as I had lost."</p> <p>What was the result of Richard's game yesterday?</p> <p>A. Richard lost more money.</p> <p>B. Richard won yesterday's game.</p> <p>C. Richard did not win or lose money. It was a break-even.</p> <p>D. No answer can be chosen based on the given question.</p>
14	<p>Sammy always goes to the store twice a week. On the days he does not go to the store, Sammy visits his grandmother. When he visits his grandmother, Sammy bakes cookies. But if he visits her on a Saturday, they usually cook fried chicken instead. He only goes to the store if it is a Tuesday, a Friday or a Saturday.</p> <p>Which of the following must be true?</p> <p>A. Sammy was cooking fried chicken last Saturday, he must have been visiting his grandmother.</p> <p>B. Sammy visited his grandmother on Tuesday, so he must have been at the store on Saturday.</p> <p>C. Sammy baked cookies yesterday so he must not have gone to the store.</p> <p>D. Sammy went to the store last Friday, so he must not have visited his grandmother last Tuesday.</p>
15	<div style="border: 1px solid black; padding: 5px;"><p>When Kelvin was learning to drive his instructor told him: "To have even a chance of passing your driving test you must have had at least 20 hours of driving practice."</p></div> <p>If Kelvin's instructor is correct, which one of these statements must be true?</p> <p>A. All the learner drivers who have had a lot of practice will pass their test.</p> <p>B. None of the learner drivers who have had less than 20 hours of practice will pass their test.</p> <p>C. Some of the learner drivers who have had less than 20 hours of practice will pass their test.</p> <p>D. Only the learner drivers who have had less than 20 hours of practice will pass their test.</p>
16	<p>Jackson, Murphy, Airah, and Malcolm are seated at a table in a restaurant. Two of them are facing forwards (in the direction of the main door) and two are facing backwards. Two have window seats where cars and trucks can be seen and the other two have aisle seats where people pass by.</p> <p>I know that:</p> <ul style="list-style-type: none">- Jackson is sitting diagonally opposite Airah.- Malcolm is facing forwards.- Murphy is next to Jackson.-

Which one of the following do I also know?

- A. Airah is facing backwards.
- B. Airah has a window seat.
- C. Murphy has an aisle seat.
- D. Jackson is sitting opposite Malcolm.

17

5 Chefs raced to see who could create the most number of dishes.

No one came after Cedric.

Rodriquez came just before Cedric.

Wilkins beat three people.

Edwin is in 1st place.

Where did Ruben finish?

- A. 1st
- B. 2nd
- C. 3rd
- D. 4th
- E. 5th

18

If Jimbo digs deep, he will find the treasure.

If the above statement is true, which of the following statements must also be true?

- A. Therefore, if Jimbo does not dig deep, he will not find the treasure.
- B. If Jimbo digs deep, he may still not find the treasure.
- C. If Jimbo did not find the treasure, he did not dig deep.
- D. Therefore, Jimbo is a treasure hunter.

19

Charlotte, Mathilda, Ivy, Sienna, and Sophia are in the school, and all of them have specialties in either Volleyball or Hockey.

- If Charlotte is playing volleyball, then Mathilda is not playing volleyball.
- If Ivy is playing Hockey, then Sophia is also playing hockey.
- If Sienna is playing volleyball, Sophia is also playing volleyball.
- If Charlotte is playing hockey, Mathilda also plays hockey.

Which of the following is False?

- A. If Mathilda is playing volleyball, then Charlotte is playing volleyball.
- B. If Sophia is not playing volleyball, then Sienna is not playing volleyball.
- C. If Sophia is playing hockey, then she is not playing volleyball.
- D. If Sophia is playing hockey, then Ivy may also be playing hockey.

20	<div style="border: 1px solid black; padding: 5px;"> <p>Nery and Hesehd love cactus. Everyone who loves cactus is a plant-lover. Most of the cactus lovers put their cactuses inside the house. Nery and Hesehd both put their cactuses inside their house.</p> </div> <p>If the information in the box is true, whose reasoning is correct?</p> <p>Sarah: "All cactus lovers put their cactuses inside their house." Larry: "If a person puts a plant inside their house, then it must be a cactus."</p> <p>A. Sarah only B. Neither Sarah nor Larry C. Both Sarah and Larry D. Larry only</p>
21	<p>Jerome organised a garage sale to get rid of some of his belongings. The following items are found in the garage sale: shirts, chairs, and books. He found that:</p> <ul style="list-style-type: none"> ● No customer who bought books did not buy shirts. ● Some customers who bought shirts also bought chairs ● No customer who bought chairs bought books. <p>Only one statement is true. Which is it?</p> <p>A. Most customers who bought shirts bought books. B. Some customers bought all three. C. All customers who bought chairs did not buy books. D. All of the above</p>
22	<div style="border: 1px solid black; padding: 5px;"> <p>Spiderman and Ironman both use technology for their suits. All suits protect superheroes. Most of the suits hide the identity of the superheroes. Both Spiderman and Ironman use suits that protect them from their enemies.</p> </div> <p>If the information in the box is true, whose reasoning is correct?</p> <p>Rex: "All superheroes use technology for their suits." Christian: "If a superhero uses a suit that hides his identity, then enemies have used technology."</p> <p>A. Rex only B. Neither Rex nor Christian C. Christian only D. Both Rex and Christian</p>
23	<div style="border: 1px solid black; padding: 5px;"> <p>The notice issued by the Department of Environment and Forest prohibiting mining operations and industries within 25 kilometres of National Park, the game sanctuary, and reserve forest regions has the potential to halt certain mining</p> </div>

enterprises in Fosterville.

Courses of Action:

- I. The Department should be asked to immediately withdraw the notification.
- II. The Government should make an effort to shift the parks, sanctuaries and reserve forests to other non-mining areas.

Which of the following courses of action follow the passage?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II

24

Yesterday's fatal collision involving a car and a pedestrian once again drew attention to the deplorable condition of the roadways.

Conclusions:

- I. The accident that occurred was fatal.
- II. Accidents have so far taken place because of the unsatisfactory state of roads.

Which of the following conclusions follow/s?

- A. Only conclusion I follows.
- B. Only conclusion II follows.
- C. Both conclusions I and II follow.
- D. Neither conclusion I nor II follows.

25

Children love fast-food chains. Some who like Jollibee also like McDonald's. Everyone who likes KFC likes Jollibee. No one who only likes McDonald's likes KFC.

Which of the following statements is true?

- A. All children who like KFC may also like both McDonald's and Jollibee.
- B. All children who like Jollibee also like KFC
- C. All who like KFC may also like McDonald's
- D. Statement A & C.

26

Karate and Taekwondo are both self-defence sports. All self-defence sports require a lot of practice. Most self-defence sports are hard. Karate and Taekwondo both require a lot of practice, but it's fun to try.

If the information in the box is true, whose reasoning is correct?

Pio: "If a sport is hard, then it must be self-defence."

Paulo: "If a sport requires a lot of practice, then it must be hard."

- A. Paulo only
- B. Neither Pio nor Paulo
- C. Both Pio and Paulo
- D. Pio only

27

All seasoned writers can write a novel.

If the above statement is true, which of the following statements must also be true?

- A. If Ella is not a seasoned writer, she can still write a novel.
- B. If Bea can write a novel, she is a good writer.
- C. If Laycey cannot write a novel, she is not a seasoned writer.
- D. Therefore, Bruce needs to write a novel to be considered a seasoned writer.

28

All doors are buses. All buses are leaves. No bus is a flower.

Conclusions:

- I. No flower is a door.
- II. No flower is a bus.
- III. All doors are leaves.
- IV. No flower is a leaf.

Which of the following conclusions follow/s?

- A. I and III only
- B. II and III only
- C. I, II and III only
- D. II, III and IV only

29

The class of Mr Jekyll was given a survey to figure out which cartoon character (from a list of four) the students liked the most. It was found that:

- None of the students who liked Mr Bean picked Spongebob.
- Most of the students who liked Elsa also liked Mr Bean
- All students who picked Snoopy also picked Spongebob.
- All of the students picked at least one cartoon character.

Which of the following statements is most likely true?

- A. Spongebob is the most liked character of the students.

	<p>B. Some students who picked Mr Bean also picked Snoopy.</p> <p>C. Some students who picked Spongebob did not pick Snoopy.</p> <p>D. Most of the students who picked Elsa also picked Spongebob.</p>
30	<p>Statements:</p> <p>I. Some irons are helium.</p> <p>II. There are no carbons that are not oxygens.</p> <p>III. None of the oxygens is an iron.</p> <p>Conclusions:</p> <p>I. All carbons can be helium.</p> <p>II. All oxygens can be helium.</p> <p>Which among the options below follows?</p> <p>A. Only conclusion I follows.</p> <p>B. Only conclusion II follows.</p> <p>C. Both the conclusions follow.</p> <p>D. None of the conclusions follows.</p>
31	<p>Mildred is a sensitive person with certain medical limitations. If Mildred has eaten squid, she will trigger her allergies. If she spends too much time under the sun, she will get very tired. Sometimes, her allergies can also cause her to feel very tired.</p> <p>If the information above is true, which statement must also be true?</p> <p>A. If Mildred is very tired, it is definitely because she spent too much time under the sun.</p> <p>B. If Mildred is not tired, it's only because she has not eaten any squid.</p> <p>C. If Mildred is not tired, she still could've eaten some squid.</p> <p>D. If Mildred is very tired, it is because she forgot to take her medication.</p>
32	<p>The following statements were given:</p> <p>I. Scarecrows are made of wood.</p> <p>II. Some scarecrows have elaborate designs.</p> <p>III. No scarecrows last for more than a year.</p> <p>IV. All scarecrows are placed in the fields</p> <p>If the statements above are true, which of the following statements should also be true?</p> <p>A. If it is made of wood and is placed on the field, it is definitely a scarecrow.</p> <p>B. If it has elaborate designs but does not last for more than a year, it might be a scarecrow.</p> <p>C. If it is made of wood and lasts for more than a year, it might be a scarecrow.</p> <p>D. If it has elaborate designs, it most likely is a scarecrow.</p>
33	<p>Cysero was on his way to school when he found a mangy kitten by the street. The tiny animal looked helpless and his heart couldn't bear leaving the poor animal. For a moment, he wasn't sure what to do since his mother might not accept another stray kitten into their house. After a while, Cysero decided to bring the kitten to the veterinarian and asked his friend, Ashley, to take care of the said animal.</p>

In accordance with the passage, which of the following statements must also be true?

- A. Cysero's school is only a walking distance from his house.
- B. Cysero's mother dislikes cats.
- C. Ashley lives near the veterinarian's clinic.
- D. Cysero has previously brought a kitten home before.

34

Statements:

- I. Most policemen are actors.
- II. None of the lawyers is an artist.
- III. Not a single actor is not an artist.

Conclusions:

- I. There are lawyers that can be actors.
- II. All policemen can be artists.

Which among the options below follows?

- A. Only conclusion I follows.
- B. Only conclusion II follows.
- C. Both the conclusions follow.
- D. None of the conclusions follows.

35

Castor Flowers are vibrant and look appealing to the naked eye. Castor flowers vary in colour with some having a dark purple shade to pale white. All castor flowers are poisonous. Castor Oil is extracted from the poisonous part of the flower. Castor oil is a commonly used cosmetic and skincare ingredient worldwide. This oil is poisonous when ingested or consumed.

If the information in the box is true, whose reasoning is correct?

Nestor: "If a flower looks appealing to the eye, vibrant, and is poisonous, it is definitely a castor flower."

Camilla: "If a poisonous oil is derived from a flower that isn't coloured dark purple or pale white, it cannot be from a castor flower. ."

- A. Only Nestor.
- B. Only Camilla.
- C. Both Nestor and Camilla.
- D. Neither of them.

36

If the moon is full, all wolves will howl. Some wolves will howl when hunting or mating.

If the information above is true, which statement must also be true?

- A. If wolves are not howling, it cannot be mating season.
- B. If wolves are not howling, it definitely is not a full moon.

- C. If they are hunting, wolves should be howling.
- D. If it is not a full moon, wolves shouldn't be howling.

37

Marbles are pearls. Some pearls, like the Akoya Pearl, are used for necklaces. Most pearls are white. Pearls with a different colour, like black ones, are also sold at a higher price than white ones. Most necklaces are durable. Marbles are not known for their durability, but there are a few necklaces made from them that are considered durable.

If the statements above are true, which among the following must also be true?

- A. If a necklace made of Akoya Pearls is sold for a price higher than white ones, it is black.
- B. If a necklace is made of pearls, it is a durable one.
- C. If a necklace is durable, it is most likely not made of marbles.
- D. If a necklace is sold at a cheaper price than those made of black pearls, it must be made of white pearls..

38

Leni, Bong, and Manny are characters from a video game. This video game classifies its characters into Fighter, Mage, or Tank. Every hero is classified in at least one of these categories.

Leni and Bong share a category. Manny is the best fighter. Leni is neither a Fighter nor a Tank. Bong is not a Tank.

Based on the conditions above, which of the following cannot be true?

- A. Bong is not a mage.
- B. Leni is a mage.
- C. Bong is in two categories.
- D. Manny is a fighter and a mage.

39

Statements:

- I. A portion of Computer Science graduates are Psychology graduates.
- II. All Computer Science graduates are Chemical Engineering graduates.
- III. No Chemical Engineering graduate is an Accounting graduate.

Conclusions:

- I. All Psychology graduates can be Chemical Engineering graduates.
- II. Every Accounting graduate can be a Computer Science graduate.

Which among the options below follows?

- A. Only conclusion I follows.
- B. Only conclusion II follows.
- C. Both the conclusions follow.
- D. None of the conclusions follows.

40

Statements:

- I. Portions of hats are shoes.
- II. Each headphone is plastic.
- III. Some hats are headphones.

Conclusions:

- I. Every hat can be plastic.
- II. All shoes cannot be plastics.

Which among the options below follows?

- A. Only conclusion I follows.
- B. Only conclusion II follows.
- C. Both the conclusions follow.
- D. None of the conclusions follows.