

Exam 3 - Section 1

Question

On the island of Tonga, in 3 years, the population of two toed walrus has dramatically fallen while there has been an increase in the population of speckled doves. Considering that the speckled dove is not a known predator of the two toed walrus, it is suspected that it is a carrier of a disease which is particularly fatal to the two toed walrus. In the past, the virus Canoe Cipratae has been known to be particularly effective against two toed walrus in Northern Canada.

Which of the following do we know to be true?

Choose one answer.

- A. The speckled dove can only be a carrier of viruses
- B. Canoe Cipratae is particularly effective against the two toed walrus of Tonga
- C. The rate of decrease in the population of two toed walrus is proportional to the rate of increase in speckled doves
- D. The speckled dove may be a predator of the two toed walrus

Question

Consider a process of water heating in a pot on a stove. There are some facts related to this process. Heat always goes from things with higher temperature to things with lower temperature. Water temperature increases until it boils at 100°C Normally water cannot be heated above 100°C To keep water boiling, a constant source of heat is necessary. A small metal bowl containing water is allowed to float in a larger pot of boiling water. The stove provides a constant supply of heat.

The water in the smaller bowl will

Choose one answer.

- A. Never boil because it holds too much water
- B. Never boil because the water in the big pot cannot get above 100°C
- C. Boil provided that the stove is kept at 90°C
- D. Boil provided that the water in the big pot is kept boiling

Andrew buys a brand new car which is red, white or blue. He asks his three friends, Vaughan, Samuel and Sally to guess what the colour is.

Vaughan says, 'My guess is your car isn't red.' Samuel says, 'I think it is either blue or white.' Sally says, 'I know, your car is blue.' Andrew says, 'At least one of you is right and at least one of you is wrong.'

Question

What is the colour of the car?

Choose one answer.

- A. Red
- B. Blue
- C. White
- D. Cannot be sure

Question

Which of Andrew's friends was wrong?

Choose one answer.

- A. Samuel
- B. Sally
- C. Both Sally and Samuel
- D. None of the above

An experiment was conducted to study the effects of two new drugs on blood pressure after mild exercise and after a half-hour rest. Fifty men were randomly assigned to each of the eight experimental conditions (an experimental condition is the type of procedure / treatment undertaken) listed in the table. Two scores are presented in the table for each experimental condition: 1. the mean (average) blood pressure; and 2. the percent of men in that condition whose pressure was above the overall mean pressure for the entire study.

	<i>No injection</i>	<i>Injection of placebo^a</i>	<i>Injection of drug AG-5</i>	<i>Injection of drug XB-7</i>
<i>After exercise</i>	145 32%	150 48%	165 82%	165 84%
<i>After rest</i>	140 20%	145 30%	145 30%	140 22%

^aThe placebo was an inactive substance known to have no effect on blood pressure

Question

Which statement is most correct?

Choose one answer.

- A. Assuming the placebo had no physiological effect on blood pressure, just receiving an injection tended to lower blood pressure
- B. Assuming the placebo had no physiological effect on blood pressure, just receiving an injection tended to raise blood pressure
- C. Assuming the placebo had no physiological effect on blood pressure, just receiving an injection tended to raise blood pressure after exercise and lower it after rest
- D. Assuming the placebo had no physiological effect on blood pressure, receiving an injection had no effect on blood pressure

Question

Which statement is most correct?

Choose one answer.

- A. Compared to the placebo, drug AG-5 produced a small increase in blood pressure after rest but a larger increase after exercise
- B. Compared to the placebo, drug AG-5 produced an increase in blood pressure after rest but not after exercise
- C. Compared to the placebo, drug AG-5 produced no increase in blood pressure after rest, but it did produce an increase after exercise
- D. Compared to the placebo, drug AG-5 produced no increase in blood pressure after rest or exercise

Question

Which statement is most correct?

Choose one answer.

- A. Compared to the placebo, drug XB-7 produced an increase in blood pressure after exercise but had no effect after rest
- B. Compared to the placebo, drug XB-7 produced an increase in blood pressure after exercise, but a small decrease in pressure after rest
- C. Compared to the placebo, drug XB-7 produced an increase in blood pressure after exercise, and after rest
- D. Compared to the placebo, drug XB-7 produced no increase in blood pressure after exercise or rest

Question

Which statement can be deduced from the table?

Choose one answer.

- A. Thirty-two percent of the men who had their blood pressure measured after exercise, but who received no injection, had higher pressures than 84% of the men who received drug XB-7 after exercise
- B. Thirty-two percent of the men who had their blood pressure measured after exercise, but who received no injection, had higher pressures than 16% of the men who received drug XB-7 after exercise
- C. Thirty-two percent of the men who had their blood pressure measured after exercise, but who received no injection, had higher pressures than 82% of the men who received drug AG-5 after exercise
- D. None of the above

Question

Mrs Alden, Mrs Brent, Mrs Clark, Mrs Doyle and Mrs Evans have short first and middle names.

1. Four of them have a first or middle name of Fay, three of them have a first or middle name of Gay, two of them have a first or middle name of Kay, and one of them has a first or middle name of May.

2. Either Mrs Alden and Mrs Brent are both named Kay or Mrs Clark and Mrs Doyle are both named Kay.

3. Of Mrs Brent and Mrs Clark, either both are named Gay or neither is named Gay.
4. Mrs Doyle and Mrs Evans are not both named Fay.

Who is named May?

Choose one answer.

- A. Mrs Alden
- B. Mrs Brent
- C. Mrs Clark
- D. Mrs Doyle

Question

Some Yips are also Kips and some Kips are also Yips. Fancy Yips are never Kips, but a fancy Kip may be a Yip.

Which of the following is true?

Choose one answer.

- A. A fancy Kip is always a Yip.
- B. A Kip can be a fancy Yip.
- C. Fancy Yips can be fancy Kips.
- D. None of the above.

Social insects live in colonies. The survival of the colony is dependent on all of its members working together to obtain food, to secure safe home sites, and to continue the reproductive cycle of the species. All species of termites exhibit this social behavior. Biologists have observed that certain members of a termite colony, called soldiers, patrol the area surrounding a colony and, if alarmed, alert other soldier termites to the danger. At this time the soldier termite exhibits synchronous, convulsive movements, and it may strike its head against wood or other nest materials. Two divergent theories exist concerning what kind of information is exchanged by these motions.

Hypothesis 1

Termites have highly specialized appendages that enable them to receive vibrations sent through the air. Soldier termites are the colony's first line of defense. The convulsive movements of an alarmed soldier termite create sound waves, which can be perceived by other termites but not by humans. This method is used to communicate with nearby termites. When a soldier termite strikes its head against wood, it creates a louder sound message, which provides a warning to distant termites. The rate of these movements indicates how near the danger is to the colony - the closer the source, the more convulsions or head-strikes occur within a certain time period.

Hypothesis 2

Termites are known to have highly developed sensory organs for smell. The convulsive motions of a soldier termite do not emit sound messages, but instead accompany the release of pheromones, or scent. Every termite colony has its own distinctive pheromone. The characteristic scent of the soldier termite is received quickly throughout the colony and serves as a warning to members of the colony. Head-striking is a ritual that does not, by itself, carry any information about the danger or its distance from the colony. Rather, it is the convulsions involved with the striking that cause the warning pheromone to be released.

Question

Scientists observing a termite colony disturbed the colony and noticed that the soldier termites only exhibited the convulsive movements discussed in the passage and did not strike their heads against wood or nest materials. The entire nest received the warning, as evidenced by the behavior of the termites after the convulsive movements.

Which of the two hypotheses would this data best support, and why?

Choose one answer.

- A. Hypothesis 1, because the convulsive movements would be enough to warn all the termites, both nearby and far away.
- B. Hypothesis 2, because the pheromones released with the convulsions would warn the entire colony.
- C. Hypothesis 1, because the pheromones released with the convulsions would warn the entire colony.
- D. Hypothesis 2, because head-striking by termites is only a ritual movement and does not convey any warning.

Question

These hypotheses are similar because they both suggest that termites

- I. use a symbolic language to communicate information to the other members of the colony.
- II. require exact information about a danger source in order to respond to a warning.
- III. are social insects that work together within a colony.

Choose one answer.

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

Question

Which of the following observations would support Hypothesis 2?

Choose one answer.

- A. All types of termites, not just soldier termites, convulse and strike their heads when a danger source is present.
- B. Termites respond more quickly to danger signals when no wind is present.
- C. Termites respond more quickly to danger signals during the daylight hours.
- D. Soldier termites strike their heads against wood or other nest materials in response to

various stimuli, including food.

Question

Using a device that emits a high-pitched sound, a biologist determined the frequency of sound that triggers the soldier termites' danger mechanisms. These devices were placed at different distances from the colony. Data were collected to compare the rate of a soldier termite's convulsions to the distance the danger was from the colony. All experiments were performed on calm days and the sound devices were placed on flat land in a straight line from the colony. A significant variation in convulsion rates was reported in different soldiers reacting to a sound source at an equal distance. Furthermore, each soldier seemed to exhibit a uniform number of convulsions, regardless of the distance the sound source was placed from the colony.

Which of the following explanations for this behavior was not investigated in this study?

- I. Wind may affect a soldier termite's perception of the distance of a danger source.
- II. The convulsion rate does not convey information about the distance of a danger source.
- III. Experienced soldiers can more accurately determine the distance of a danger source than can a novice soldier.

Choose one answer.

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

Question

Which of the following discoveries would not support Hypothesis 1?

Choose one answer.

- A. When a soldier termite's scent has been removed, it can still effectively warn a colony of danger.
- B. Termites have a range of hearing that is exactly the same as humans.
- C. If a termite loses its specialized appendages, it is forced out of the soldier position by other members of the colony.
- D. On a windy day, a soldier termite cannot as accurately warn the colony of danger as it can on a calm day.

Question

The probability that Mr. Horse, a horse running in the Bendigo cup, will win is $\frac{1}{12}$. There are 10 horses running in that race.

Which one of the following statements is true?

- 1: If the race favourite is scratched, the probability that Mr. Horse would win will increase.

2: If another horse joins the race, the probability that Mr. Horse would win will decrease.

3: The chance of any other horse winning is $1/12$.

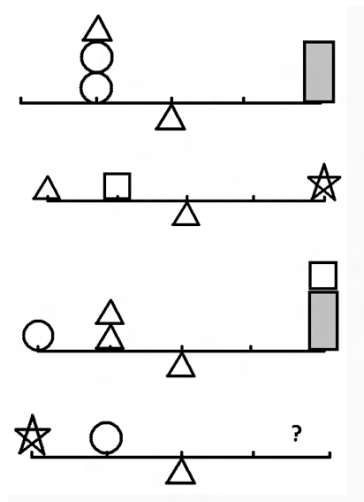
4: Mr. Horse is likely to be in the slower half of the horses.

Choose one answer.

- A. 1 only
- B. 2 only
- C. 1 and 2
- D. 1, 2, 3 and 4

Question

Featured below is a scale, containing a bar which is divided into four equal lengths. If an object is placed halfway between the fulcrum and one end of the scale, its effective force will be halved of its actual weight.



Choose one answer.

- A.
- B.
- C.
- D.

The ability of the kidneys to form urine that is more concentrated than body fluids is essential for the survival of mammals that live on land, including humans. Water is continuously lost from the body through various routes. Fluid intake is required to match this loss, but the ability of the kidney to form a small amount of concentrated urine minimizes the intake of fluid required. This is especially important when water is in short supply and the thirst centre is stimulated.

When there is a water deficit in the body, the kidney forms concentrated urine by continuing to excrete solutes (particles) while increasing water reabsorption and decreasing the volume of urine formed. The human kidney can produce a maximal urine concentration of 1200 to 1400 mOsm/L¹, four to five times the concentration of body fluids. Some desert animals, such as the Australian hopping mouse can concentrate urine to as high as 10 000 mOsm/L. This ability allows the mouse to survive in the desert without drinking water; sufficient water can be obtained through the food ingested and water produced in the body. Animals adapted to aquatic environments, such as the beaver, have minimal concentrating ability. They can concentrate urine to only about 500 mOsm/L.

¹mOsm/L: milliosmoles per litre, a measure of concentration

Question

Which of the following can be inferred from the passage regarding the kidney of mammals?

Choose one answer.

- A. The development of kidneys is the evolutionary reason mammals moved from the sea to land
- B. In most mammals, the structure and function of the kidneys is the same
- C. Mammals with diseased kidneys can not survive on land
- D. If not for efficient kidneys, mammals would need to consume much more water to survive

Question

Which of the following can be concluded from the passage?

Choose one answer.

- A. The kidney of the Australian hopping mouse is twice as efficient as the beaver's
- B. The concentration of body fluids in the human body is about 250 to 350 mOsm/L
- C. Animals that do not live on land do not need efficient kidney function to survive
- D. All mammals require some drinking water to survive

Question

When the intake of water is excessive, which of the following changes does not occur in the human body?

Choose one answer.

- A. The kidneys reduce water reabsorption
- B. The kidneys excrete more solutes
- C. More urine is formed
- D. None of the above

Question

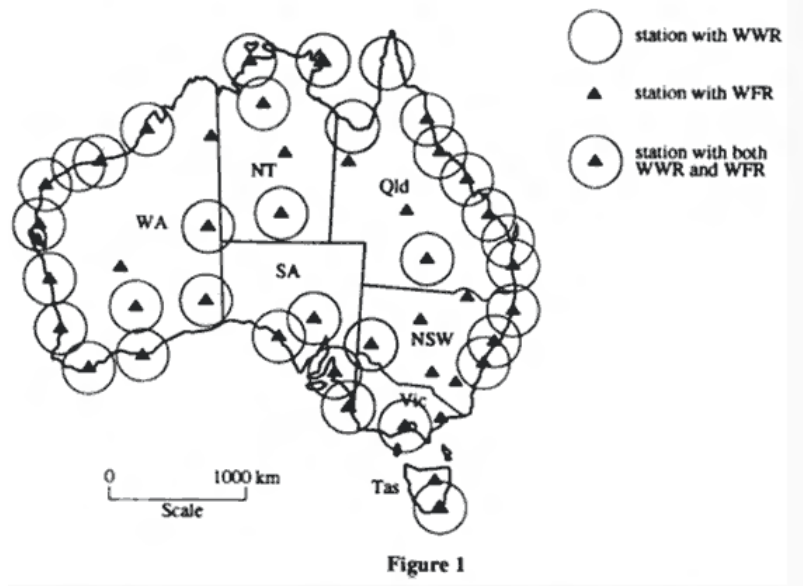
In 2004, 20 million tonnes of carbon dioxide emissions was released by Australia. In the same year, the United States of America (USA) released 500 million tonnes, and China released 800 million tonnes of carbon dioxide, which was the highest amount released by any country in the world. 100 years ago, the total amount of carbon dioxide emissions released by these three countries was 80% lower than currently, with the USA contributing the largest amount of carbon dioxide emissions to the world. Carbon dioxide emissions have increased over recent years mainly due to increased industrial works and power usage, as well as growth in transport networks.

Which of the following can be concluded with certainty from the passage?

Choose one answer.

- A. 100 years ago, China did not have the extensive industrial works, transport systems and power usage that was present in 2004.
- B. 100 years ago, Australia did not contribute significantly to carbon dioxide emissions.
- C. The USA has contributed most significantly to global warming.
- D. 100 years ago, the United States of America would have emitted close to 100 million tonnes of carbon dioxide.

The figure below shows the locations of weather stations that use radar to gather information used to forecast the weather. Two types of radar may be used in these stations. Weather watch radar (WWR) can detect rain within a certain area of the station. Wind finding radar (WFR) is used to track the movement of weather balloons through the air and so give information about winds. Most of the weather stations have both types of radar.



The size of the circle around each station with WWR indicates how far from the station rain can be detected. This radius is the same for each station with WWR. No two stations are within 100 km of each other. All of the heavily populated areas of Australia lie within 100 km of the coast.

Question

Some weather stations have only one type of radar. These are generally found

Choose one answer.

- A. Inland for both WWR and WFR
- B. On the coast for both WWR and WFR
- C. Inland for WWR and on the coast for WFR
- D. On the coast for WWR and inland for WFR

Question

Consider the following statements.

Statement I: Because rain clouds form over the ocean, weather stations on the coast usually have WWR.

Statement II: Because high winds can cause damage to property, weather stations with WFR are only placed in areas that are heavily populated.

The distribution of the two types of radar shown in the figure is

Choose one answer.

- A. Consistent with both statements I and II
- B. Consistent with statement I but not II
- C. Consistent with statement II but not I
- D. Not consistent with either statement I or II

Question

The Angoras, the Bobcats, and the Cougars are hockey teams. In three games the Angoras played against the Bobcats, the Bobcats played against the Cougars, and the Angoras played against the Cougars.

1. The three final scores of the games consisted of the numbers 1, 2, 3, 4, 5 and 6.
2. The difference between the Angoras' higher score and the Bobcats' higher score was one more than the difference between the Bobcats' lower score and the Cougars' lower score.
3. The highest total of a team's two scores was achieved by the team that lost the greatest number of games.

Which team achieved the highest total of its two scores?

Choose one answer.

- A. Angoras
- B. Bobcats
- C. Cougars

- D. Cannot be determined

In the days of sailing ships fresh food was not available, and at the end of long trips many sailors came down with scurvy. Many attempts were made to seek a cure for this condition.

1. John Hall cured several cases of scurvy by administering a sour brew made of a certain grass and watercress.
2. William Harvey suggested that the sailors take lemon juice to prevent scurvy. He thought the acid (citric acid) in lemon juice would prevent the disease
3. James Lind experimented with 12 sick sailors to find out whether citric acid was responsible for the cure. Each was given the same diet except four of the men were given small amounts of dilute sulfuric acid, four others were given vinegar (acetic acid) and the remaining four were given lemons. Only those given lemons recovered from the scurvy.

Question

Credit for solving the problem described in the passage belongs to

Choose one answer.

- A. Hall because he devised a cure for scurvy
- B. Hall because he first proposed a solution to the problem
- C. Harvey and Lind, because they found that lemons are more effective than Hall's brew
- D. All three men because each made some contribution

Question

A control group is a group of people who are not exposed to the phenomenon being tested. The control group is compared to the group that is exposed to the phenomenon being tested to determine the effect of the phenomenon.

How many controls did James Lind use?

Choose one answer.

- A. One
- B. Two
- C. Four
- D. None

Question

Which of the following best describes the hypothesis tested by Lind?

Choose one answer.

- A. Citric acid of lemons is effective in treating scurvy
- B. Lemons contain some unknown acid that cures scurvy
- C. The substance to cure scurvy is found only in lemons
- D. Some specific substance, rather than acids in general, is needed to cure scurvy

Question

Lind's experiment did not answer the question

Choose one answer.

- A. Will lemons cure scurvy?
- B. Will citric acid alone cure scurvy?
- C. Are lemons more effective than either sulfuric acid or vinegar in the treatment of scurvy?
- D. Are all substances that contain acids equally effective as a treatment for scurvy?

Question

The most likely cause of scurvy is

Choose one answer.

- A. Lack of watercress
- B. Lack of acidity
- C. Lack of fresh food
- D. Lack of lemon juice

Question

Of the roughly 440 000 children who currently languish in America's foster care system, 20 000 are available for adoption, most of them older children between the ages of six and twelve. Among the adoptable children, 44% are white and 33% are black. But 67% of all families waiting to adopt are white, and many of them are eager to take a black child. The hurdles, however, are often formidable. Though only three US states - Arkansas, California and Minnesota - have laws promoting race matching in adoptions, forty others favour the practice.

Which of the following can be concluded?

Choose one answer.

- A. White children are preferred for adoption by many black families
- B. The majority of US states discourage the practice of adoption
- C. Among the adoptable children, at least 10% are neither black nor white
- D. Two thirds of white families are waiting to adopt a black child

Question

In a research project to investigate perceptions of wellness, participants were shown photographs of people and were asked to identify whether the person appeared healthy, sick or slightly unwell. When shown a combination of the three types, a low percentage of participants correctly selected which were the healthy people. When shown only healthy people a slightly higher percentage correctly identified them as healthy. When shown only sick people, a high percentage of participants correctly selected them as sick. However, the highest percentage selected sick people from a combination of all three types.

Which of the following can be concluded?

Choose one answer.

- A. It is easiest to detect a sick person from among other sick people
- B. It is more difficult to detect a sick person from a combination of types than detect a healthy person from a combination of types
- C. It is easier to pick a sick person when there are various other types present as well
- D. Healthy people are easiest to recognize

Question

Three girls, Amy, Betty and Carla, are each wearing a hat, a scarf and a skirt. Each item is red, yellow or green. Each girl must have one item of each colour, and no two items are identical. The girls wear the items adhering to the following rules:

Betty is not wearing a red hat

Carla's scarf is the same colour as Amy's hat

Betty is wearing a green scarf

Which of the following is true?

Choose one answer.

- A. Carla is wearing a green hat, a red scarf and a yellow skirt.
- B. Carla is wearing a red hat, a yellow scarf and a green skirt.
- C. Amy is wearing a yellow hat, a red scarf and a yellow skirt.
- D. Amy is wearing a green hat, a red scarf and a yellow skirt.

Five cities are currently in varying stages of flu epidemics. The following table summarises important information about the epidemic afflicting each city.

The *infection level* is the percentage of the city's population that is currently infected. The *recovery rate* is the percentage of currently infected people who will recover (become uninfected) in the next day. The *new infection rate* is the percentage of currently uninfected people who will become infected in the next day. Because the five cities have different climates and are afflicted with different strains of flu, the recovery rate and new infection rate vary from city to city.

Table 1

City	Population	Infection level (%)	Recovery rate (%)	New infection rate (%)
Angleside	100,000	30%	30%	20%
Betadale	40,000	50%	25%	50%
Garver	120,000	30%	20%	10%
Morningtown	200,000	20%	10%	10%
Terraville	80,000	25%	30%	10%

The infection level for each city will vary from day to day, as some people become infected, whilst others recover.

Question

What percentage of Morningtown's citizens will typically be newly infected during the following day?

Choose one answer.

- A. 2%
- B. 8%
- C. 10%
- D. 20%

Question

How many citizens of Garver will typically be infected in one day's time?

Choose one answer.

- A. 13,200
- B. 24,000
- C. 36,000
- D. 37,200

Question

Which of the following will typically occur during the following day?

Choose one answer.

- A. More citizens of Angleside than Garver will become infected.
- B. More citizens of Angleside will recover than will become infected.
- C. More citizens of Betadale will recover than will become infected.
- D. More citizens of Morningtown than Terraville will recover.

Question

An epidemic is at *equilibrium* in a given city if the number of people who recover in the following day and the number of people who become infected in the following day are equal.

In which of the following cities is the flu epidemic currently at equilibrium?

Choose one answer.

- A. Angleside
- B. Betadale
- C. Morningtown
- D. Terraville

Question

In response to the epidemic, the mayor of Morningtown authorises the immediate use of a new antiviral drug, FluStop, in an effort to bring the epidemic into equilibrium. FluStop reduces the length of flu infections and thereby increases Morningtown's recovery rate above the value shown in Table 1. However, estimates of the new recovery rate vary.

What recovery rate will immediately bring Morningtown's epidemic into equilibrium (for the infection level and new infection rate shown in Table 1)?

Choose one answer.

- A. 10%
- B. 20%
- C. 40%
- D. 80%

Question

A shipping pallet consists of eight cubical cartons, stacked in a two by two by two cube. The cartons are oriented randomly, so that any surface of any carton may be downwards on the pallet. What is the minimum number of sides (of each carton) which have to be labeled with that carton's contents so that no matter where the carton ends up on the pallet, in whatever orientation, at least one visible side will have the contents label showing?

Choose one answer.

- A. 2
- B. 3
- C. 4
- D. 5

Visual acuity (VA) is acuteness or clearness of vision, especially form vision, which is dependent on the sharpness of the retinal focus within the eye and the sensitivity of the interpretative faculty of the brain.

VA is a quantitative measure of the ability to identify black symbols on a white background at a standardized distance as the size of the symbols is varied. It is the most common clinical

measurement of visual function. In the term ‘20/20 vision’ the numerator refers to the distance in feet from which a person can reliably distinguish a pair of objects. The denominator is the distance from which a person with standard VA would be able to distinguish them—the distance at which their separation angle is 1 arc minute. The metric equivalent is 6/6 vision where the distance is 6 meters. Twenty feet is essentially infinity from an optical perspective (the difference in optical power required to focus at 20 feet versus infinity is only 0.164 diopters).

Question

Which of the following is most likely true?

Choose one answer.

- A. a person who can read a poster from 21 feet away will be able to read the same poster from 100 feet away
- B. a person with 20/20 VA would be able to distinguish black objects on a white background with a separation angle of 2 arc minutes between them
- C. a person whose eyes can absorb 0.164 diopters per every foot has a better than average VA
- D. a person with above average sharpness of retinal focus will have a lower VA than the standard VA

Question

Bob, Bill, Sally and Andrew have all achieved different results in the form of ‘x/y’ in their visual acuity tests. Bill’s numerator for his results was double Andrew’s. Andrew’s numerator was half of Sally’s and a third of Bob’s who had the same numerator and denominator. Everybody else’s denominator was double Bob’s except Bill’s who’s was a third of Bob’s.

Who has the worst visual acuity?

Choose one answer.

- A. Bob
- B. Bill
- C. Sally
- D. Andrew

Question

The 7 students in Ms. Stanley’s philosophy class play a game where 6 of them divide evenly into three groups (angels, snakes and demons), while the 7th student is out of the room. When the 7th student re-enters, each of the angels, snakes and demons must state something about another of the 6. An angel must state the truth, a demon must state a lie, but a snake may state either the truth or a lie.

When Matthias re-enters the room Chiara immediately calls Winnifred a liar, who in turn names Jade an angel, who calls Gracelyn a snake. Gracelyn retorts that at least she’s not a demon like Reyna, who subsequently denounces Najya as a demon as well. Najya then claims that Chiara is a snake.

The teacher then gives Matthias 4 statements and asks him to choose the only one that cannot be correct. She also tells him that Gracelyn is an angel.

Which statement should he choose?

Choose one answer.

- A. Winnifred is a snake
- B. Jade is a snake
- C. Winnifred is a demon
- D. Chiara is a demon

Question

When a tree is cut, the rings in its trunk can reveal much about the tree and the conditions in which it lived. The number of rings reveal the age of the tree, with one ring representing one year. Furthermore, the width of the ring indicates the amount of growth during the year. Often a wide growth ring follows a narrow growth ring, which is explained by the slow growth year being a year of drought and the faster growth a consequence of greater rainfall.

Which of the following statements can be concluded from the passage?

Choose one answer.

- A. Analysis of the rings of a tree provides information to describe the annual rainfall during each year of the life of the tree
- B. When trees survive adverse conditions they become stronger and grow more in subsequent years
- C. Trees that grow in arid lands will grow slower than trees that grow in areas with heavy rainfall
- D. Trees that grow in arid areas are harder and make better lumbar for building because their rings are closer together

The African village of Mehket contains 3 types of villagers. When making statements, the villagers can either tell the truth or lie. In a single statement, the villagers will either tell the truth or they will lie. The tutsi always tell the truth whilst the lutsi always lie. The third type of villager, the dutsi, sometimes tell the truth and sometimes lie.

Question

Which of these statements could only have been made by a dutsi?

Choose one answer.

- A. "I am a dutsi"
- B. "I am a lutsi"
- C. "I am a tutsi"
- D. "I am not a dutsi"

Question

The following conversation was recorded between two villagers of unknown identity:

Villager 1: "I am a dutsi. You are a lutsi"

Villager 2: "One of those statements is true"

Consider Villager 1 as having made two separate statements

Given that the villagers may be of the same or different types, what type of person can villager 2 not be?

Choose one answer.

- A. A tutsi
- B. A dutsi
- C. A lutsi
- D. They could be any of the three types

Exam 3 - Section 2

The following passage is taken from an interview with Vlad, a young man with a physical and intellectual disability.

I actually grew up in a very, very close family that had three kids and a mum and dad. I remember that four of us used to sit down at the breakfast table and just talk about the future, where I am heading because I am in an electric wheelchair, as you know. Unfortunately my parents said to me in the very beginning when I started talking about independence, they said 'What is that word independence?' They said 'We've got some idea of what that word means,' but they wanted me to try and explain it to them, what that word was. They said 'Who will love you more than what we do?' And I mean, I said to them, I said 'Mum and dad, I've reached a point where I really need to see new surroundings, I really need your support. I really need to know the love is still there.' I started having these conversations with my parents when I was 17 years old. I moved out when I was 21.

Question

Vlad's parents

Choose one answer.

- A. Recognise the need for Vlad to become more independent
- B. Do not understand what the word 'independent' means
- C. Are opposed to Vlad becoming more independent
- D. Are worried about the consequences of Vlad's independence

Question

Vlad wants

Choose one answer.

- A. To move out of home and still have the love and support of his parents
- B. His parents to support his decision to become more independent
- C. To get away from his parents and the suffocating home environment
- D. His parents to understand what he believes independence would entail

Question

When Vlad moved out, his parents would most likely have felt

Choose one answer.

- A. Guilty
- B. Rejected
- C. Resentful
- D. Proud

It is the early hours of the morning, and Victoria Freeman has just been to a friend's party. She had promised her parents that she would be back home by midnight, but it is now four

o'clock in the morning. Victoria tries to sneak back into the house, but she is confronted by her mother at the door.

1 Victoria: Oh...umm...hi mum.

2 Mother: Victoria, where have you been?

3 Victoria: Like I told you mum – at my friend's party.

4 Mother: You said you'd be home by midnight, but look at the time! It's already four o'clock in the morning!

5 Victoria: Oh...I'm sorry mum...but sometimes these things just run overtime.

6 Mother: I've been worried sick! You promised you'd be home by midnight, and I've been sitting up all night waiting for you to come home! Did you know that?

7 Victoria: umm...sorry.

8 Mother: Sorry? You could have at least called me or something! Really young girl, you've got to be less selfish and start thinking of the people around you. I don't know what's gotten into you lately, but you're really beginning to push the boundaries.

9 Victoria: What?

10 Mother: You heard me.

11 Victoria: Look I'm sorry OK! Geez, why do you have to be such a control freak?

12 Mother: I beg your pardon young lady!

13 Victoria: Look, just leave me alone, OK?

Victoria attempts to walk past her mother to her room, but the mother reaches her arm out to stop her.

14 Mother: Don't you behave that way to me! I've been kind enough to let you go to your friend's party, and how do you repay me? (Notices smell of cigarette smoke on Victoria's clothes). Oh, please don't tell me Victoria...please don't tell me you been smoking again?

15 Victoria: What? No.

16 Mother: Victoria, don't lie to me now. Don't you remember how hard it was for you to quit last time? And how much better you felt afterwards? This is a serious problem Victoria.

17 Victoria: Mum! I didn't smoke!

18 Mother: Your clothes reek of it Victoria! You've come home late from a party and you haven't given me a reason why...what else am I supposed to believe?

19 Victoria (beginning to cry): Mum, the smoke was from other people not me! And if you really have to know why I was home late – I broke up with my boyfriend at the party, so he couldn't give me a lift home! Why can't you just have faith in me sometimes?

Victoria runs to her room, sobbing.

Question

In the mother's response at comment 4, she is most likely attempting to

Choose one answer.

- A. Incite a hostile response from Victoria.
- B. Make Victoria worried about her late arrival home.
- C. Express her own anxiety over Victoria's late arrival home.
- D. Express relief that Victoria is home.

Question

In Victoria's response at comment 7, she is most likely feeling

Choose one answer.

- A. Angry
- B. Frustrated
- C. Intimidated
- D. Guilty

Question

In Victoria's response at comment 11, her outburst is most likely due to

Choose one answer.

- A. Victoria being scared of her mother's response.
- B. Victoria being intimidated by her mother's response.
- C. Victoria feeling guilty for returning home late.
- D. Victoria's mother attacking her character.

Question

In the mother's response at comment 16, she is most likely attempting to

Choose one answer.

- A. Rouse feelings of anger from Victoria so that she reveals the truth.
- B. Rouse feelings of guilt from Victoria so that she reveals the truth.
- C. Express her own concern over her belief that Victoria has again taken up smoking.
- D. Stimulate memories of Victoria's past experiences to make Victoria realise the gravity of the situation.

Question

After Victoria's final response at comment 19, the mother is most likely feeling

Choose one answer.

- A. Angry that Victoria responded in such a hostile way.
- B. Guilty for her earlier accusations at Victoria and for jumping to conclusions.
- C. Desperation for not realising why Victoria had been home late and for accusing her of smoking.
- D. Confusion at why Victoria responded in such a hostile way.

In this passage, Dave talks about the pain of his divorce.

At the time, I couldn't believe it would happen to me. We raised a family, we fought, then made-up, and made plans for our future - together. We didn't always have good times, but I honestly believed we would work through all our problems. We didn't have much money, nor did we go on exotic vacations, but, I thought our company and our love, would carry us through any hard times.

We spent over a dozen years together and it took a courtroom, about ten minutes, to say it's over. We both knew our future together, would be destructive and dysfunctional, if we remained united. So, we divorced. It was amazing how many people told me, it was the best thing to do or how, you could do better, after it was all said and done. Whether it was for the best or if I could have done better, the truth was, at the time, I was scared, lonely, and full of pain. People thought I could just walk away from a marriage overnight, and start a new life. But the pain was real. The "emptiness"- huge.

Every morning, I'd wake up alone, wondering, who was sleeping in my bed, with my ex-wife. I'd toss and turn every night, hugging a pillow, while I visualized how someone was comforting her. She had to realize, she couldn't do any better than me. Would her new lovers fix her insulin and give her a shot? Would they make sure she ate a proper diet? Would they protect her from bill collectors and from her family during one of their squabbles?

Question

In paragraph one, Dave can be best described as

Choose one answer.

- A. Understanding
- B. Disbelieving
- C. Reflective
- D. Disgusted

Question

Why did Dave believe that "it was amazing" how many people told him "it was the best thing to do"?

Choose one answer.

- A. They had an unrealistic view of marriage and did not understand his situation
- B. They had not been married and therefore should not be able to comment on his situationHe felt that they should not pass judgement on his personal matters

- C. He felt that they should not pass judgement on his personal matters
- D. He did not think that their comments provided any comfort in his situation

Question

From the passage, it is possible to conclude that

Choose one answer.

- A. Dave is angered by his wife's decision to divorce him
- B. Dave was frustrated at the divorce proceedings but is resigned to the situation
- C. Dave is saddened about the divorce and has not accepted the situation
- D. Dave has accepted the situation and has moved on with his life

Shared Stimulus

The following passage is the beginning of a short story.

Both sisters were silent, feeling delight shudder through them as they listened to their young neighbor sing. Abigail stood at the window, leaning against the frame as the notes sailed in on the breeze. She was tall and straight as an arrow, in spite of the fact that she was nearly 70 years old. Her snow-white hair was brushed straight up from her high forehead, and her blue eyes were keen and bright as a sharpened blade. She wore a black dress and a white apron, and her hands showed the wear and tear of years of serving, of hard work of all kinds.

No one would have thought that Abigail and Darnel were sisters, unless they were a witness to the loving looks that sometimes passed between the siblings when they were alone together. The face that lay on the pillow was white and withered, like a crumpled flower of some indeterminate variety, and the dark eyes had a pleading, wistful look. Darnel had white hair too, but hers had a warm yellowish tinge, very different from the brilliant white of Abigail's. Darnel's hair also curled in little ringlets around her beautiful old face. In short, Darnel was nothing short of gorgeous in spite of her advanced age and deteriorating state, while no one would think of calling her sister anything but merely lovely.

The younger sister was confined in perpetuity to her bed. It had been many years since she met with the accident that changed her from a vivacious, laughing girl into a helpless but still beautiful woman. There had been a party, all participants mindless of anything except the joy of the moment, and she had gone riding alone in the moonlight. Her horse had leaped sideways suddenly, frightened by a startled bird flying from the tall grass, and she had fallen, striking her head on a sharp stone. This was Darnel's little story.

People in the neighborhood had forgotten that there was any story at all. Even her lifelong friends had almost forgotten that Darnel had ever been other than she was now. But Abigail never forgot. She had left her job in the neighboring town and came home to take care of her sister - they had not been apart for more than a few hours since. Once, when Darnel's bitterness first began to diminish, which took more than a year, and she realized that she was still a living creature and not a condemned person suffering for the sins of humankind, she asked her sister about her former life, about leaving it behind. Darnel was feeling guilty that her sister had deserted a perfectly admirable existence to wait upon her every need, but Abigail assured her that she was miserable before and happy to be of service besides.

Since these only questions about Abigail's past, the sisters had lived their lives together without another thought that there might be room for anyone else, until the young girl moved in next door the previous year, until she came into their world and filled it with sunshine and music.

Question

'Darnel was nothing short of gorgeous in spite of her advanced age and deteriorating state, while no one would think of calling her sister anything but merely lovely.'

This indicates

Choose one answer.

- A. The sisters have always competed with each other.
- B. The sisters compliment each other's looks.
- C. Both women are pretty, but Darnel is prettier despite being bedridden for many years.
- D. Both women have been declared beautiful for their age by those who know them.

Question

What is the effect of referring to the tragic event that left her bedridden as 'Darnel's little story' (paragraph 3)?

Choose one answer.

- A. It universalizes tragedy as common to all people, but also suggests that others cannot understand another person's tragic tale.
- B. It categorises people who are disabled as unimportant.
- C. It suggests that no one takes her accident seriously, and diminishes her condition.
- D. It suggests she tells this story over and over again.

Question

'People in the neighborhood had forgotten that there was any story at all. Even her lifelong friends had almost forgotten that Darnel had ever been other than she was now. But Abigail never forgot.'

What does this imply about people in general and about Abigail?

Choose one answer.

- A. People in general lack the capacity for empathy, but Abigail does not.
- B. People have short memories and assume that a person's condition is simply that person, but Abigail remembers that this was a tragic event for her sister and changed her life in an extraordinary way.
- C. People are too caught up in their own lives to pay much heed to anyone else, but Abigail is selfless.
- D. Disabled people are often forgotten by their neighbors and must rely on their families for support.

Question

Darnel first reacted to being bedridden by

Choose one answer.

- A. being thankful for her sister's willingness to help her.
- B. being in denial that this injury would permanently disable her.
- C. regretting that she had gone riding that night.
- D. being bitter and feeling like she had been singled out unjustly for this fate.

Question

Which of the following best describes the relationship between these sisters?

Choose one answer.

- A. complex
- B. perplexing
- C. devoted
- D. variable

The following is an extract from Tim Winton's "Cloudstreet". Quick Lamb has just witnessed the death of his school friend, Wogga McBride, who was hit by a train. Quick Lamb has retreated to his bed to cope with his friend's death. His father, Lester, comes up to visit him.

Old man = Father

Every morning the old man came up to see Quick and sit on the end of his bed and sigh.

Quick lay under the sheet, smelling all the trapped stinks and odours, and through it he could see the shadow of the old man moving in front of the window.

How'd ya be, son? The old man said quietly. He seemed to know something was wrong, but he was stuck for some way of fixing it.

Quick didn't know why he was staying here in bed; he just knew he didn't want to get up and it had something to do with Wogga McBride.

The second day Lester had a better idea of what was wrong. Quick heard him rustling a newspaper theatrically, walking up and down, stopping now and then to say: It's a flaming tragedy, Quick, an honest-to-the-Lord flaming tragedy.

Quick didn't think about that wet teatowel snap of Wogga McBride disappearing. Neither could he let himself imagine what had happened after, how Wogga would have been dragged and ricked and torn and wedged and burst and broken. He thought about nothing like that.

Quick thought about nothing at all. He listened to the grinds and groans of the house. Flies went about their mysterious business. Ticking noises came from in the walls. The cocky next door squawked and quipped. Below, the bell clonked on the shop door. Sometimes, when the hunger drifted over into dreaminess, he forgot he was Quick Lamb at all. It excited him to discover how quiet he was inside.

On the third day the old man came in and rustled a newspaper, and then Quick heard scissors going, hissing through the paper.

A lot of sad people on the wall, Quick. What're you doing with em? What's it mean?

Quick said nothing.

Knocks me round to see you like this boy. You'll starve to death. Look at these poor sods – you don't wanna be like them. You don't need to be. You've got a roof over yer head, family – well, we're not much I know, he chuckled. But, strike. Here –

Quick saw the shadow cross him and hover. He heard him thumbing a couple of tacks into the wall.

There. Another one. That's yer schoolmate, if you really wanna feel miserable. They're burin im in Fremantle tomorrow. Be dressed by eight. After that we'll go down the wharf for some fish and chips.

Quick set his jaws. He realized suddenly that he was aching: he was sore and tight in the guts and he stank.

No.

It's for your brother. He's worried.

No.

Quick heard the old man cross the room and slam the window down.

Christ Almighty, boy, if you care that much about someone from school, why don't you care about yer own blood? You know damn-well your brother is busted in the head and he'll never grow up right. The least you could do is let him be happy. Don't torture him, Quick. And us. You don't need to be like this – it's a lie, a game, and yer not helping anyone at all. Yer feelin sorry for yerself and its making me sick.

Question

On the first day after Wogga McBride's death, Lester is most likely

Choose one answer.

- A. Concerned about his son's wellbeing, but is attempting to hide this from his son.
- B. Confused at why his son is acting the way he is.
- C. Anxious about his son's welfare, and disappointed that he cannot help him.
- D. Concerned about the welfare of his son, and saddened by his son's suffering.

Question

On the second day, Lester behaves in this way because

Choose one answer.

- A. He now understands why Quick is upset, and is attempting to intimidate Quick in order to coerce him out of bed.
- B. He now understands why Quick is upset, and is attempting to support Quick through this tough time.
- C. He is still a little unsure of why Quick is upset, and is therefore reserved in his actions towards Quick.
- D. He is frustrated that Quick is being so withdrawn.

Question

On the second day, Quick is most likely feeling

Choose one answer.

- A. Empty at the loss of his friend.
- B. Angry that he could not save his friend.
- C. Content at his inner peace.
- D. Depressed at the loss of his friend.

Question

'Quick saw the shadow cross him and hover. He heard him thumbing a couple of tacks into the wall.

There. Another one. That's yer schoolmate, if you really wanna feel miserable. They're burin im in Fremantle tomorrow. Be dressed by eight. After that we'll go down the wharf for some fish and chips.'

This is most likely to make Quick feel

Choose one answer.

- A. Surprised at how insensitive his father is being.
- B. Fearful of his father's gauche attitude.
- C. Agitated at his father's lack of understanding for how he is feeling.
- D. Concerned that his father is not concerned about his wellbeing.

Question

The reason for Lester's sudden outburst in the final paragraph is probably

Choose one answer.

- A. His belief that Quick is being selfish and immature.
- B. Guilt at not being able to alleviate his son's suffering.
- C. Frustration that his son, Quick seems to care more about friends than family.
- D. A combination of all of the above.

The following is an extract from a novel. Adrian and Zannah, engaged, discuss Isis, Zannah's daughter from a previous marriage to Cal.

They were nearly there. The windows of the hotel shone a yellow light into the gathering darkness at the end of the tree-lined drive. The gravel crunched under their feet. Then Adrian stopped and reached for her hand. He said, "darling, it's probably not a good time to raise this, but it's been on my mind for a bit and as we're on the subject..."

"What subject?"

"Isis. I want to talk about Isis. Well, you and Isis, really."

Zannah felt faint. She thought, maybe I should have brought more Kendal Mint Cake out with me. I expect it's hunger that's making me weak. She said, "Isis and I are fine, Adrian. I just said I'd be glad to see her again. That's all."

"I think you're a bit... I think she's too dependent on you and you're too dependent on her. Not good for either of you."

"What are you saying?"

"I think Isis should be learning to... separate herself from you a little."

"Separate?"

“Well, obviously not separate in that sense. Of course not. I don’t mean that. It’s very important for children to have close ties with their parents I know, but still, I reckon it’d do her a world of good to go to boarding school. Jon and I both went and we loved it, as you know. I think she’d love it, too.”

There was a bench under one of the trees along the drive. Zannah walked towards it and sat down. Adrian came after her and sat beside her. He said, “Zannah, don’t be angry for God’s sake. I’m thinking of Isis’s welfare. Truly. And our lives together. Just give it a bit of thought, that’s all I’m asking. Nothing more at this stage. You probably think boarding schools are for older children, but there’re plenty of junior ones as well. Paul Claythorpe’s kid goes to one near Haslemere and she loves it. Made fabulous friends. Goes on amazing trips. It’s incredible. Really. Isis’d have a great time. And our sprogs, too, when they’re old enough.”

Zannah knew that if she spoke at once, she would regret it. She sat and stared at her knees. One of Em’s presents for Isis at Christmas had been a bag full of plastic strings to weave into bracelets. She’d had good fun with them, but the last time Zannah saw them, they were all tangled up in the bottom of a carrier bag in her cupboard, a mess of fluorescent colours like thousands of thin worms twisted up together. That’s what my head’s like, she thought. I don’t know what I think any more. Does Adrian understand the meaning of what he’s just said?

“Adrian”, she said at last, “I’m going to ask you something. Please answer me honestly. Okay?”

He nodded.

“Is this about getting Isis out of the way? This boarding school stuff? Tell me I’m wrong. Please tell me I’ve got it entirely wrong.”

“You have and you haven’t. Didn’t I just say that I’d like our kids to go too? You can’t say I’m wanting a boarding-school education for Isis because she’s not mine. But you’ve asked me to be honest, so I’m going to be. And please, Zannah, don’t bit my head off, right?” He rubbed his hands together

We ought to have worn gloves, Zannah thought. It’s so cold. I’m cold all over.

“Right. Okay. I can’t pretend I’m a hundred per cent happy about living with another man’s child. Much as I like Isis... that’s got nothing to do with it. Only, I felt that... well, I reckon we need a balance between time we have with Isis and time we have on our own. There’s nothing wrong with that, surely?”

“You’re saying you’d rather she lived somewhere other than with us, is that right?”

“Well, not lived, perhaps. Just maybe spend a bit more time with her dad. Or, as I said, at a boarding school. I know Cal’s often out of the country.”

“I don’t want to hear ‘boarding school’ again, Adrian. I mean it. I’m not sending my daughter away and that’s that. I’m also not sending away any children we have. D’you understand? Promise me you won’t say another word on the subject?”

“God, Zannah, don’t get so shirty. There’s not harm in discussing it, surely?”

She stood up and shouted, “There is harm! I suppose you think you’re talking about education but you’re not. You want to be rid of Isis. I don’t know how I didn’t see that before. You wish she wasn’t around. You’ve been so happy these last couple of days, much happier than you ever are in London and I thought it was me, but it wasn’t. It was Isis not being here. That’s what makes you happy. Deny it- go on! Say I’m wrong. Say it!”

“I do like being alone with you! And I don’t deny it- why should I? I love you and I like being together without having to worry about the needs of a child, who, let’s face it, has been spoiled rotten. She’s had nothing but total love and attention from you since the day she was born.”

Question

How would Zannah feel about Adrian by the end of the passage?

Choose one answer.

- A. She would be shocked that she had never seen Adrian’s true feelings towards Isis
- B. She would be outraged that Adrian has been on a pretense of liking Isis
- C. She would be saddened that she and Adrian cannot agree on Isis’ education
- D. She would be irritated by Adrian’s plans for Isis and their future children

Question

Which of the following would best describe Adrian’s thoughts?

Choose one answer.

- A. He is brooking no argument from Zannah about the future of their children
- B. He wants Isis and his future children to enjoy the benefits of boarding school
- C. He wishes to send Isis away but does not want to upset Zannah
- D. He is unsure about his desire to send Isis away

Question

What would best describe how Zannah is feeling when she “sat and stared at her knees”?

Choose one answer.

- A. She does not want to think about what Adrian has just said
- B. She is incredulous that he wants to send her daughter away
- C. She is confused about why Adrian wants to send Isis to boarding school
- D. She is adamant that Isis and their future children are not sent away

'What wonderful news!' Mary reached down and hugged, and then kissed, Merinda, the youngest teacher in the school. Anna watched this scene developing from her spot in the doorway, shuffling out silently as she observed. The other women instantly swooped on Merinda, demanding details: 'Where's the ring? When's the wedding?' Merinda sat beaming, the centre of attention, accepting hugs and kisses from all directions, mumbling 'Thank you' over and over.

Anna stepped out into the yard. She felt happy for Merinda, and would give her a big hug tomorrow, she decided, as she unlocked the door and slid behind the wheel. But a part of her also hated Merinda, she knew. It wasn't bitterness or envy, not at all. Merinda's engagement would send the entire staff on a 'marriage frenzy' that would last for months. Anna shivered briefly at the thought of it. The parties, the gifts, the 'hens' night out'...and the usually unspoken question: 'When will it be you?' She wondered if they'd ever understand. She honestly didn't care about men, didn't give them a thought. In her first school, they'd started rumours about her sexuality.

She walked in the door of the flat. As she bent to switch the answering machine off, she knocked over the photo beside the phone. She quickly picked it up and found herself staring at her Momma. And Poppa. And for some reason that she could never explain, she found herself thinking of Darren again. Funny, she'd spent less than ten minutes alone with him in her life. He'd joined her, from nowhere it seemed, by the bike racks. He told three jokes that she could still remember. Why did she laugh so much at them? He spent maybe a couple of minutes with her by the gate, smiling, saying little, but making her feel like she was both weak and powerful at the same time.

Until Poppa came outside. Screaming. In that language he only used when he was drunk. She'd always wondered what Darren had thought as he watched her being whipped with the thick belt, scrambling on hands and knees across the gravel driveway...

Question

Anna is first seen in the first paragraph as

Choose one answer.

- A. A social isolate
- B. Rude and antisocial
- C. A sad and forlorn figure
- D. An observer of others

Question

Anna seems to regard Merinda with feelings of

Choose one answer.

- A. Jealousy
- B. Genuine affection
- C. Gushing emotion
- D. Arrogant contempt

Question

Anna's memories of Darren had been

Choose one answer.

- A. Brutally suppressed by her father's dominance
- B. 'Re-played', and cherished, many times and for many years
- C. Idealised and romanticised by years of painful loneliness
- D. Repressed deep within her subconscious

Question

Anna has learned to cope by

Choose one answer.

- A. Calmly accepting both her memories and her lot in life
- B. Eliminating any memory of her father
- C. Immersing herself in her social life
- D. Building an impregnable wall of hatred around herself

For the past week, Georgina's younger sister Bec has been obviously unhappy. Georgina is close to Bec and is concerned about her.

Georgina's parents ask her to speak to Bec. They have tried talking to her with little success. All they want a peaceful home and they feel that Bec is not handling her problem very well.

Georgina approaches Bec. 'Bec?'

Bec snaps, 'Yeah what do you want?'

'Mum and dad told me to talk to you because you seem unhappy about something. Can I help?'

'It's my problem and it doesn't affect you or anyone else. I'll work it out for myself.'

'I know you're the one who has to solve your own problems, and I respect that, but this time your unhappiness is affecting other people and it seems that you're having trouble working it out. Maybe if you tell me about it we can work it out together.'

Question

Georgina's approach to resolving the issue could best be described as

Choose one answer.

- A. Ill-considered and manipulative
- B. Helpful in appeasing Bec's anger
- C. Patronizing towards Bec
- D. Measured and understanding

Question

Georgina's last comment is likely to

Choose one answer.

- A. Cause another outburst from Bec
- B. Encourage Bec to open up and discuss her problem
- C. Make Bec feel incapable of addressing the problem herself

- D. Cause Bec to reject Georgina's help

Question

In the scenario, Bec could best be described as

Choose one answer.

- A. Defensive
- B. Isolated
- C. Frustrated
- D. Incompetent

The following is an extract from a novel.

The baby woke Spencer Pike, and he struggled to a sitting position. In spite of the nightlights kept in every room at the Shady Pines Nursing Home— nearly enough combined wattage, he imagined, to illuminate all of Burlington, Vermont— Spencer couldn't see past the foot of his bed. He couldn't see anything these days, thanks to the cataracts; although sometimes he'd get up to take a leak and in the mirror, as he passed by, he would catch a glimpse of someone watching him— someone whose brow was not spotted and yellow; someone whose skin was not sighing off his bones. But then the young man Spencer had once been would disappear, leaving him to stare at the crumbs that were left of his life.

His ears, though, were sharp. Unlike the other sorry old morons in this place, Spencer had never needed a hearing aid. Hell, he heard things that he didn't even care to.

On cue, the baby cried again.

Spencer's hand scrabbled over the covers to the call button beside his bed. A moment later, the night nurse came in. "Mr. Pike," she said. "What's the matter?"

"The baby's crying."

The nurse fussed behind him, turning pillows and raising the head of the bed. "There are no babies here, Mr. Pike, you know that. It was just a dream." She patted the right angle that had once been his strong shoulder. "Now, you need to go back to sleep. You've got a busy day tomorrow. A meeting, remember?"

Why, Spencer wondered, did she talk to him as if he were a child? And why did he react like one— sinking back beneath her gentle hands, letting her pull the covers up to his chest? A memory swelled at the base of Spencer's throat, something that he could not quite pull to the front of the fog but that brought tears to his eyes. "Do you need some Naproxen?" the nurse asked kindly.

Spencer shook his head. He had been a scientist, after all. And no laboratory had yet crafted the drug that could ease this ache.

Question

Which of the following describes how would Spencer feel about being in a nursing home?

Choose one answer.

- A. embarrassed
- B. shocked
- C. upset
- D. resigned

Question

Which of the following would best describe Spencer?

Choose one answer.

- A. unreasonable
- B. indifferent
- C. helpless
- D. proud

Question

It is most likely that the nurse

Choose one answer.

- A. is annoyed by Spencer's claims that he heard a baby cry
- B. pities Spencer
- C. speaks condescendingly because she believes he is inferior
- D. believes Spencer is delusional

The following passage is from a novel set in a treatment centre for women with eating disorders. The narrator, Mercy, one of the patients in the centre, is talking to Suzy-Q, her roommate.

“We better go to bed,” Mia said.

The three drunken girls got up noisily, left our room, and wobbled away.

Suzy-Q and I crawled into our beds.

“Crazy kids,” Suzy-Q said.

“Yeah.”

She sighed.

“You OK?” I asked.

“They want to be like me,” Suzy-Q said, “which is ridiculous. They don't know anything about me.”

‘What do you mean?’

“I’m not a model,” she said. “Not really. I was a schoolteacher, but they fired me because they said I was too skinny. They didn’t say that, but they did say my ‘eating disorder’ was negatively impacting the children. After that I looked for modeling work. I got a few gigs. Not a lot. The heroin-chic look is over, I guess. I can’t get hired teaching again. Everyone thinks I’m a bad influence, especially on girls. Can you imagine? Just by looking at me they can become damaged!” She cried softly.

“I don’t want to be this way, Mercy,” she whispered. “I want to eat. I really want to. But I can’t make myself. This terrible panic sets in – like if I eat, I will die. I don’t think I’m beautiful. I think I look like someone who was in a concentration camp. I don’t think it’s normal. That chemical thing you were talking about. I think maybe that’s it. But the medication hasn’t worked for me. I still can’t eat. Did you ever read Kafka’s A Hunger Artist? This guy starves himself for the entertainment of others, but no one really pays attention to him, and finally, after he gets their admiration, he admits that he fasted because he couldn’t find the food he wanted. ‘Believe me,’ he says, ‘if I had found the food I liked, I would have feasted.’ That’s the way I feel, Mercy. I want to feast!”

“So why do you tell the other girls that they’re normal? That it’s OK to starve themselves?”

“Maybe it is OK for them. Maybe. I don’t know. I just know I wish I could change everything.”

Question

“They want to be like me,” Suzy-Q said, “which is ridiculous.” In the context of the passage, the word “ridiculous” suggests that

Choose one answer.

- A. Suzy-Q believes that the other girls could be never as skinny as she is
- B. Suzy-Q thinks it is funny that the other girls want to be like her
- C. Suzy-Q does not take her eating disorder very seriously
- D. Suzy-Q believes that the other girls have a false impression of what her life is really like

Question

Suzy-Q

Choose one answer.

- A. thinks being thin makes her prettier
- B. fears she is a bad influence on girls
- C. regrets telling the other girls to starve themselves
- D. wishes she did not have an eating disorder

Question

Mercy

Choose one answer.

- A. feels sorry for Suzy-Q
- B. is curious and concerned about Suzy-Q
- C. is angry that Suzy-Q tells the other girls that it's normal to starve themselves
- D. wants to be as skinny as Suzy-Q

In the following passage, Jack, a medical examiner who investigates reasons for the deaths of patients, and Janice, a clerk at the morgue, are speaking about a case Janice just saw.

‘What made the case stand out?’ Jack asked, trying to conceal the emotion he felt. Reverting to sarcasm, he added: ‘Was it a diagnostic conundrum, or was there some sort of scurrilous hanky panky involved?’

‘Neither!’ Janice sighed. ‘It was just the way the case struck me. It was just...rather sad.’

‘Sad?’ Jack questioned. He was taken aback. ‘For you to say it’s sad, it’s got to be really sad. What’s the scoop in a nutshell?’

‘He was only in his late twenties and had no medical history – specifically, no heart trouble. The narrative I got was that he’d rung his call button, but by the time the nurses got around to him five to ten minutes later – that’s according to the nurses – he was dead. So it must have been cardiac.’

‘There was no resuscitation attempt?’

‘Oh, they definitely tried to resuscitate him, but with no success whatsoever. They nerve even got a blip on the EG.’

‘What made it so sad? The man’s age?’

‘The age was one factor, but it wasn’t the whole story. Actually, I don’t know why it bothered me so much Maybe it has something to do with the nurses not responding quickly enough and my thinking the poor guy knew he was in trouble but couldn’t get help. We can all relate to that kind of a hospital night mare .Or maybe it has something to do with the patient’s parents, who are very sympathetic. They came in from Westchester to go to the hospital, then came over here to stay near the body. They’re really broken up. I get the impression their son was their whole life. I think they’re still here.’

‘Where? I hope they’re not stuck out there in that mob of reporters?’

‘Last thing I knew, they were in the ID room, insisting on another ID even though it had already been established. To be considerate the tour doctor told Mike to go ahead and do another set of Polaroids, but that was when I was called back to the General for another case. When I got back here, Mike happened to mention the couple was still spaced out in the ID room, sort of emotionally adrift, while clutching the Polaroids.

Jack felt his pulse quicken. He knew all too well the emotional devastation of losing a child...

Question

Which of the following best describe what the parents of the deceased person were feeling when sitting in the ID room?

Choose one answer.

- A. Distraught
- B. Confused
- C. Depressed
- D. Lost

Question

Which of the following best describes why the parents might have insisted on another identification?

Choose one answer.

- A. They did not want to believe their son was dead
- B. They wanted a second opinion as they did not trust the analysis of the first medical examiner
- C. They thought a mistake may have been made
- D. They were being troublesome

Question

At the end of the passage Jack feels

Choose one answer.

- A. Haunted
- B. Angry
- C. Reflective
- D. Nostalgic

Exam 3 - Section 3

Question

Middle of the Sequence

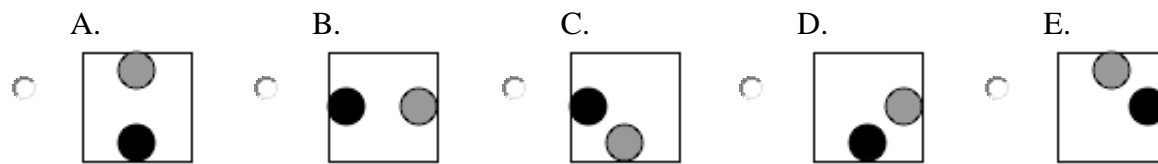
The following five figures can be rearranged to form a logical sequence. Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.



Question

Middle of the Sequence

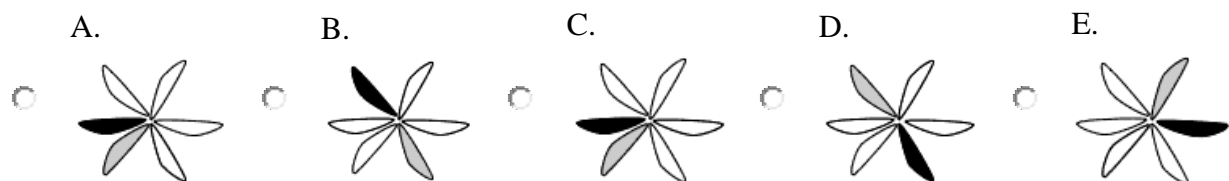
The following five figures can be rearranged to form a logical sequence. Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence. Choose one answer.



Question

Middle of the Sequence

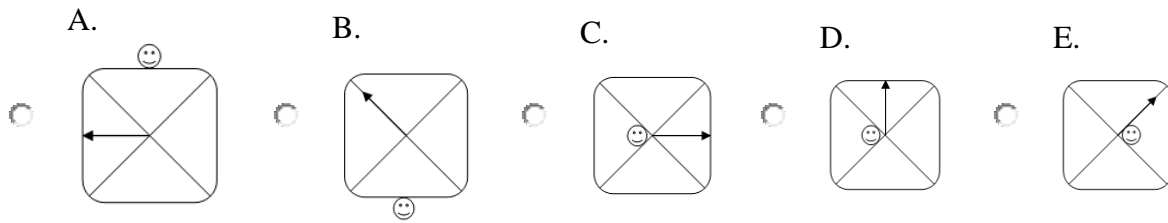
The following five figures can be rearranged to form a logical sequence. Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence. Choose one answer.



Question

Middle of the Sequence

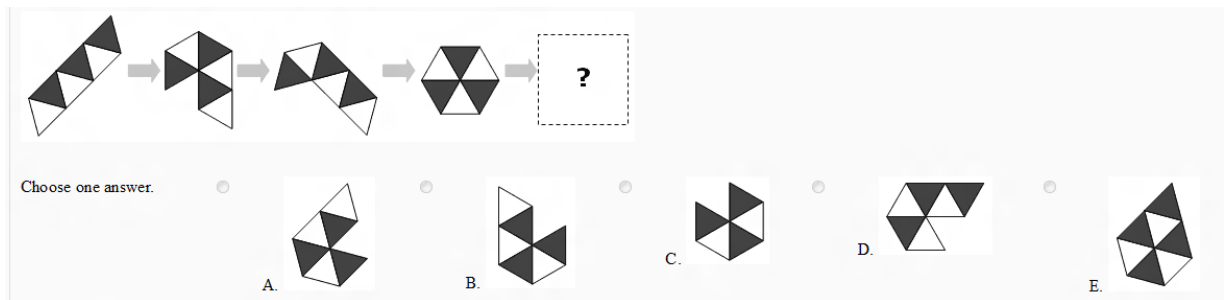
The following five figures can be rearranged to form a logical sequence. Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence. Choose one answer.



Question

Fifth in the Series

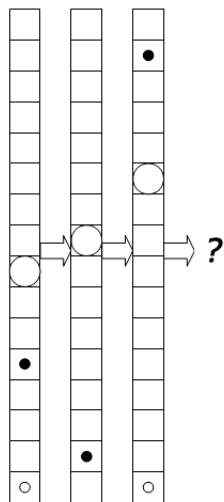
Select the picture that would most logically and simply be the fifth in the series.



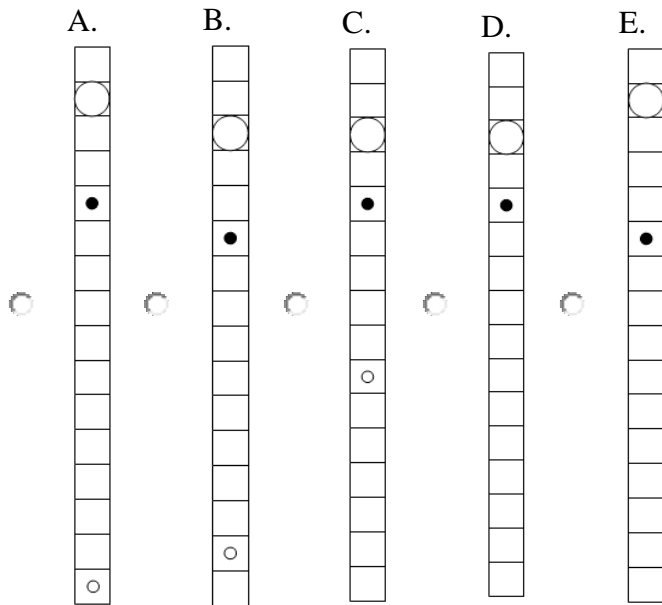
Question

Fourth in the Series

Select the picture that would most logically and simply be the fourth in the series.



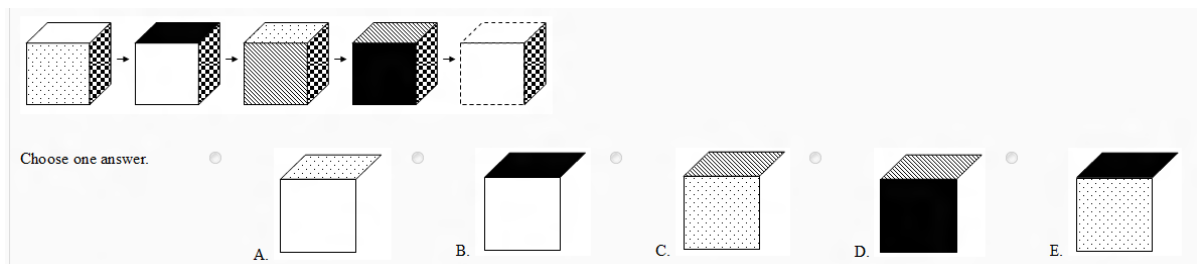
Choose one answer.



Question

Fifth in the Series

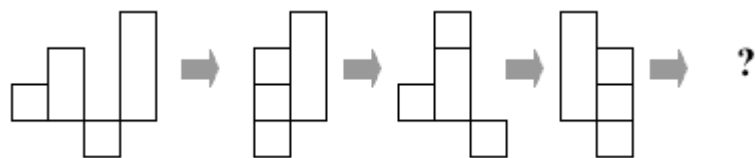
Select the picture that would most logically and simply be the fifth in the series.



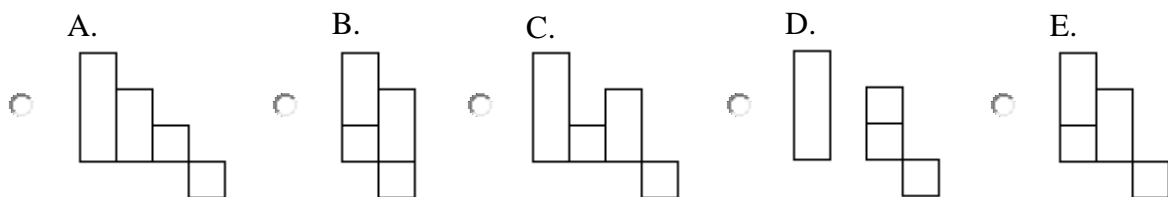
Question

Fifth in the Series

Select the picture that would most logically and simply be the fifth in the series.



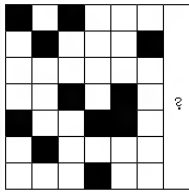
Choose one answer.



Question

Missing Segment

Select the segment that would most logically and simply complete the picture.



Choose one answer.



A.



B.



C.



D.

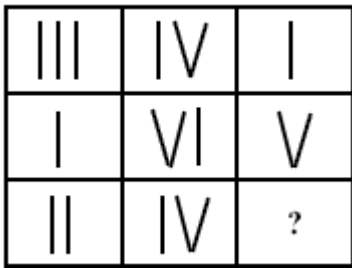


E.

Question

Missing Segment

Select the segment that would most logically and simply complete the picture.



Choose one answer.



A.



B.



C.



D.

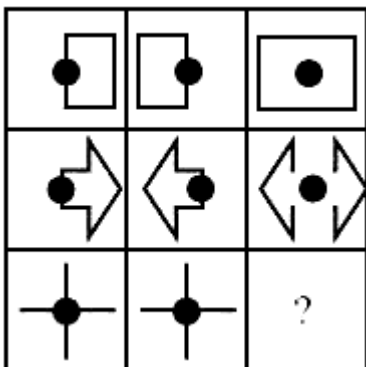


E.

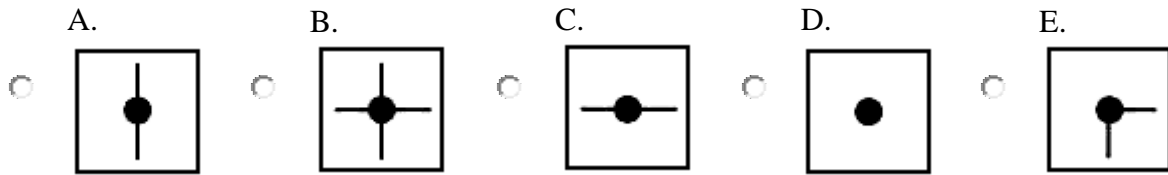
Question

Missing Segment

Select the segment that would most logically and simply complete the picture.



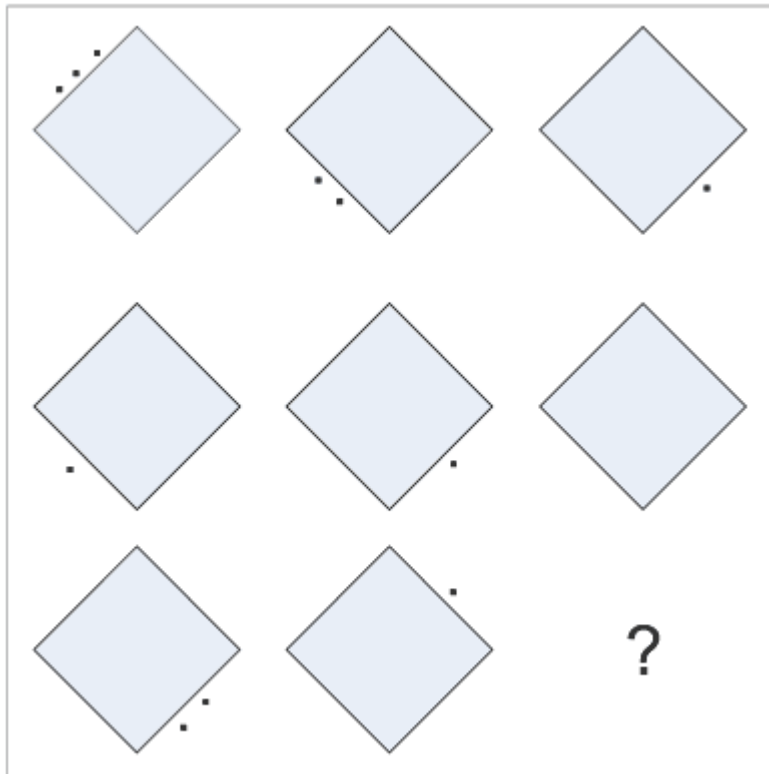
Choose one answer.



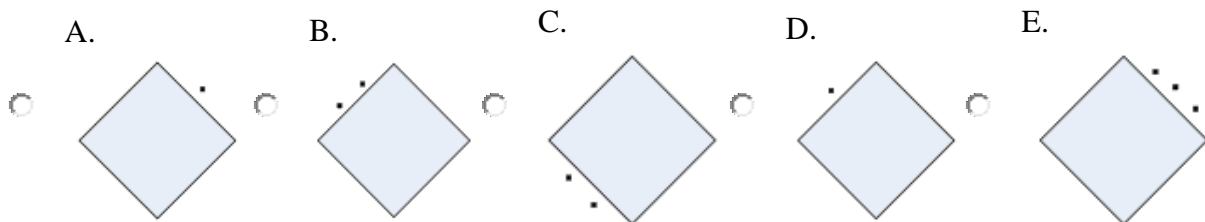
Question

Missing Segment

Select the segment that would most logically and simply complete the picture.



Choose one answer.



Question

Missing Segment

Select the segment that would most logically and simply complete the picture.

■	▲	●	0
●	■	●	?
▲	●	■	-2



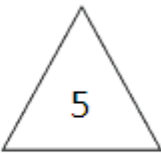
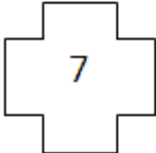

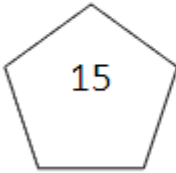
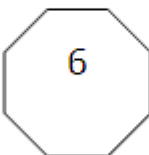
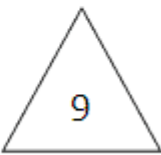
Choose one answer.

- A. 6 B. 0 C. 3 D. 4 E. 2



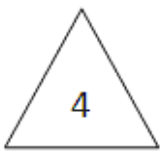


Question

Missing Segment

Select the segment that would most logically and simply complete the picture.

		
		?
		

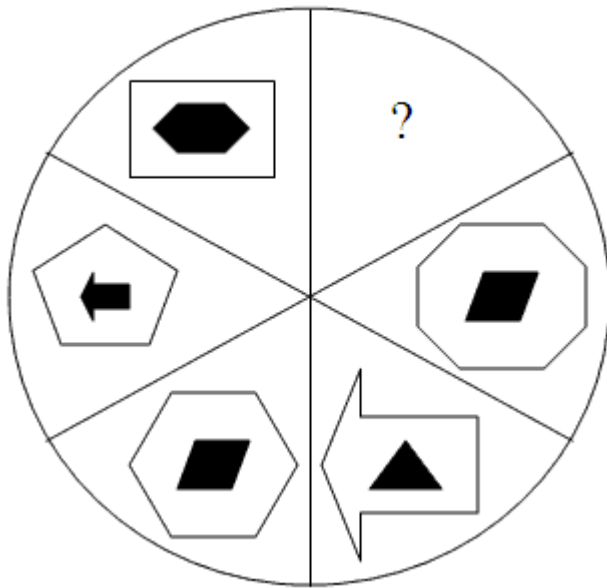
Choose one answer.

- A.  B.  C.  D.  E. 






Question

Missing Segment

Select the segment that would most logically and simply complete the picture.



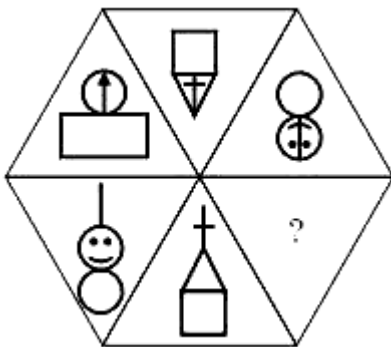
Choose one answer.

- A.  B.  C.  D.  E. 



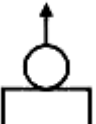


Question

Missing Segment

Select the segment that would most logically and simply complete the picture.



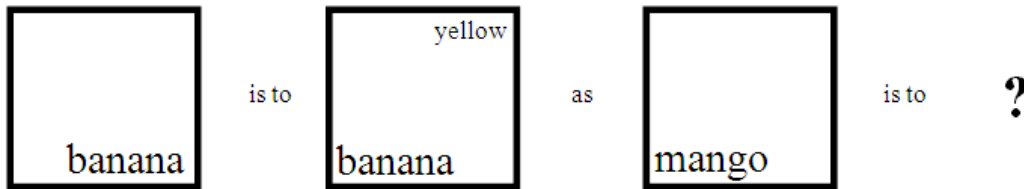
Choose one answer.

- A.  B.  C.  D.  E. 

Question

This is to That

Select the figure that would make a second pair of figures with the same relationship as the first pair.



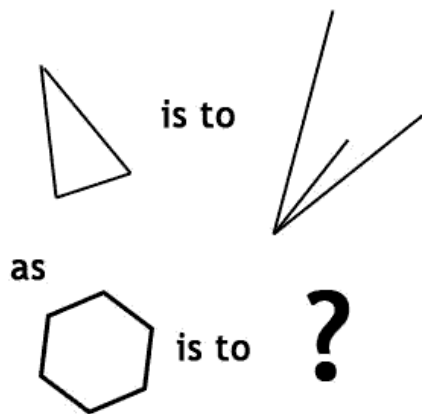
Choose one answer.

- A. A square with "purple" at the top and "mango" at the bottom.
- B. A square with "orange" at the top and "mango" at the bottom.
- C. A square with "orange" at the top and "mango" at the bottom.
- D. A square with "orange" at the top and "mango" at the bottom.
- E. A square with "orange" at the top and "mango" at the bottom.

Question

This is to That

Select the figure that would make a second pair of figures with the same relationship as the first pair.



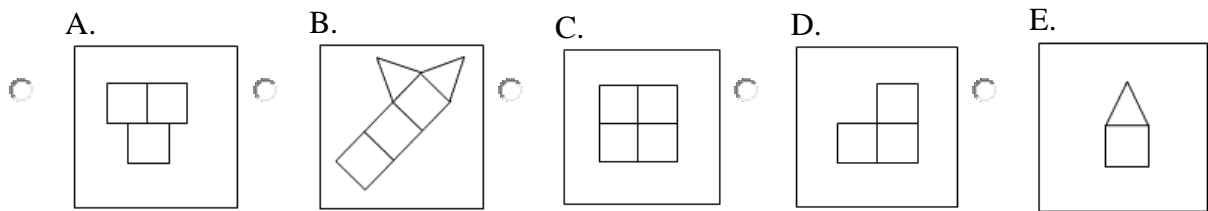
Choose one answer.

- A. A fan of lines.
- B. A fan of lines.
- C. A fan of lines.
- D. A fan of lines.
- E. A fan of lines.

Question

Middle of the Sequence

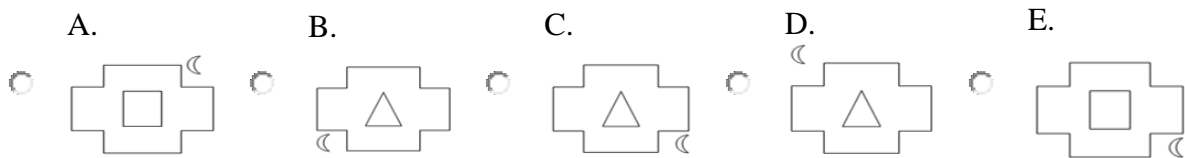
The following five figures can be rearranged to form a logical sequence.
 Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.
 Choose one answer.



Question

Middle of the Sequence

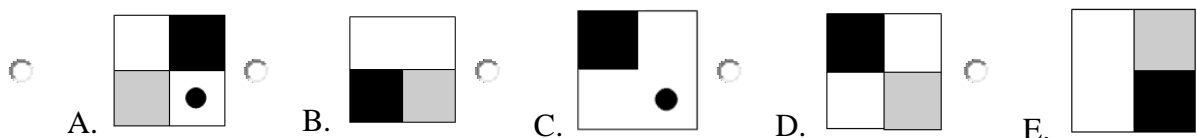
The following five figures can be rearranged to form a logical sequence.
 Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.
 Choose one answer.



Question

Middle of the Sequence

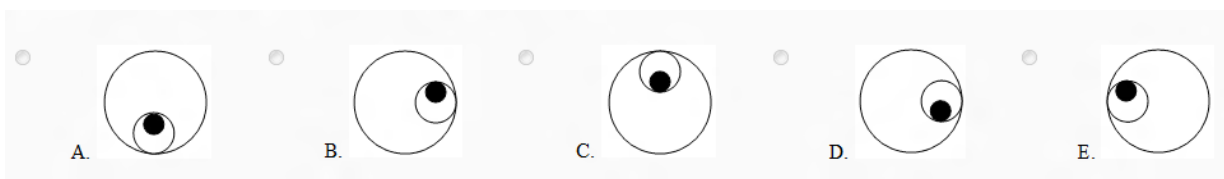
The following five figures can be rearranged to form a logical sequence.
 Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.
 Choose one answer.



Question

Middle of the Sequence

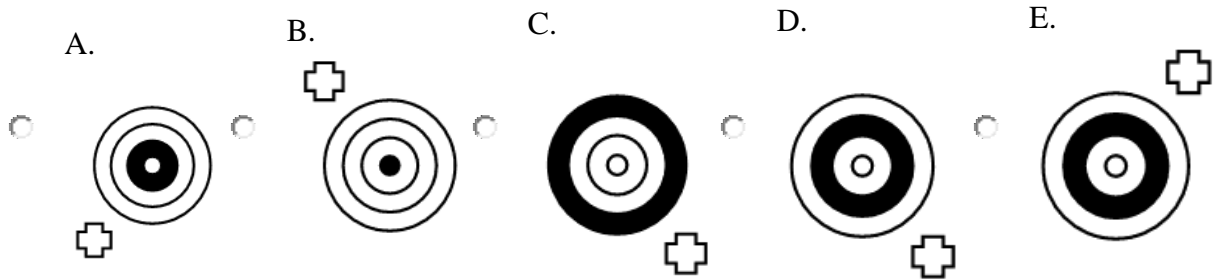
The following five figures can be rearranged to form a logical sequence.
 Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.



Question

Middle of the Sequence

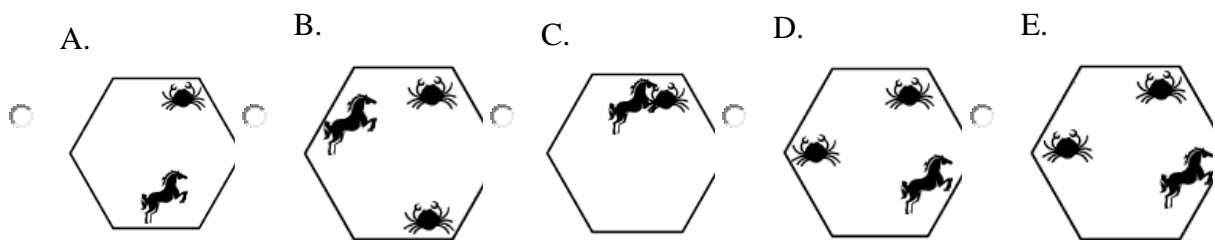
The following five figures can be rearranged to form a logical sequence.
Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.
Choose one answer.



Question

Middle of the Sequence

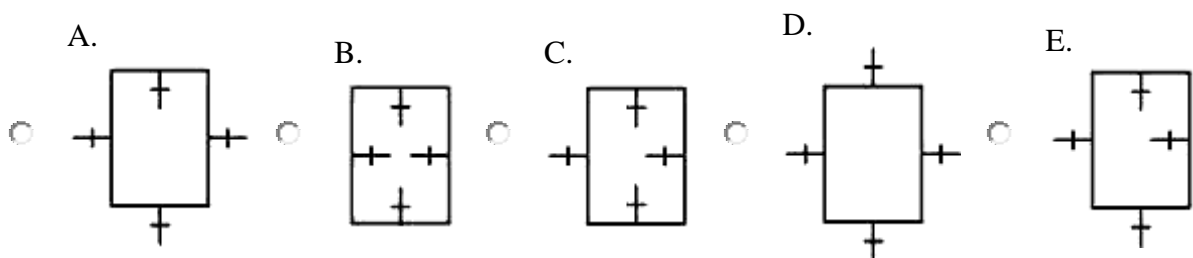
The following five figures can be rearranged to form a logical sequence.
Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.
Choose one answer.



Question

Middle of the Sequence

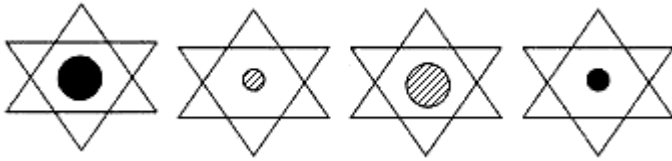
The following five figures can be rearranged to form a logical sequence.
Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.
Choose one answer.



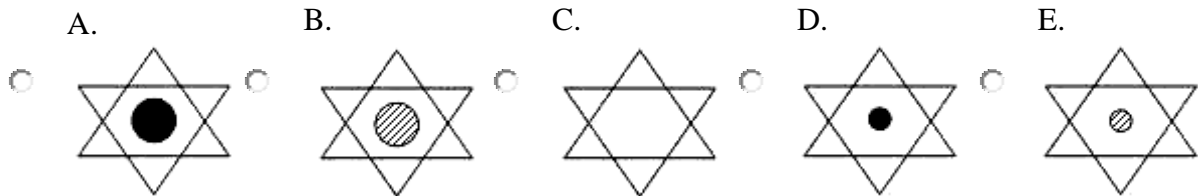
Question

Fifth in the Series

Select the picture that would most logically and simply be the fifth in the series.



Choose one answer.

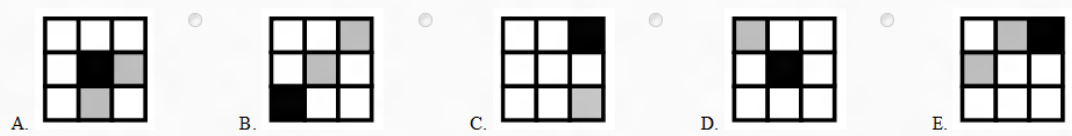


Question

Middle of the Sequence

The following five figures can be rearranged to form a logical sequence.

Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.



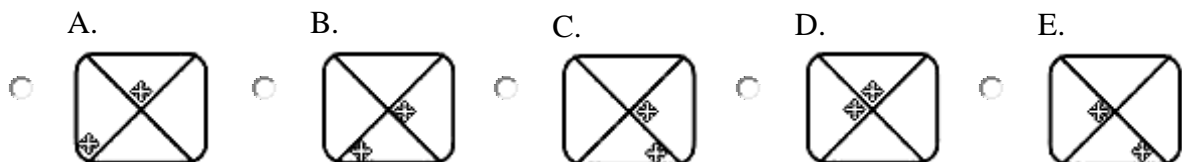
Question

Fifth in the Series

Select the picture that would most logically and simply be the fifth in the series.



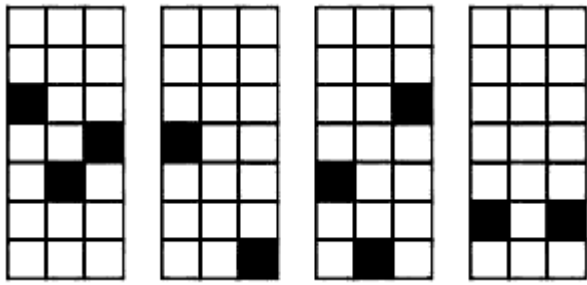
Choose one answer.



Question

Fifth in the Series

Select the picture that would most logically and simply be the fifth in the series.



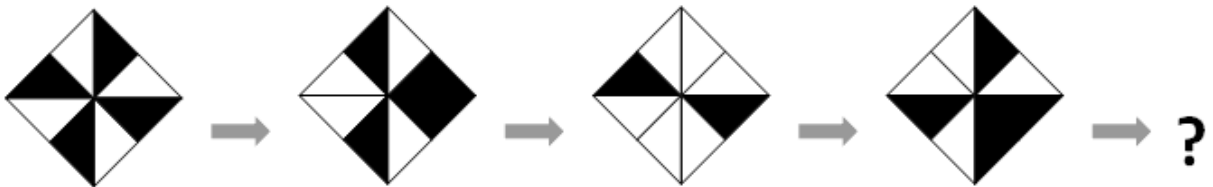
Choose one answer.

- A.
- B.
- C.
- D.
- E.

Question

Fifth in the Series

Select the picture that would most logically and simply be the fifth in the series.



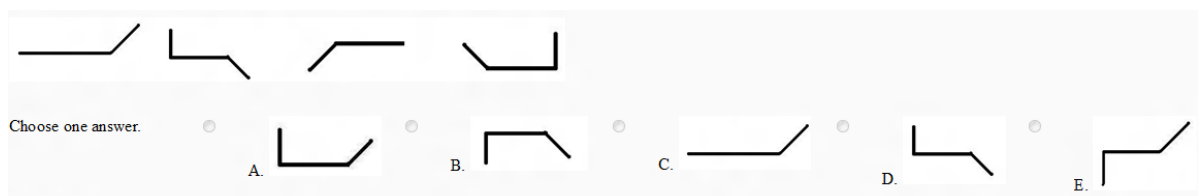
Choose one answer.

- A.
- B.
- C.
- D.
- E.

Question

Next in the Sequence

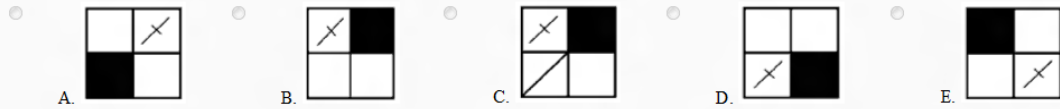
Select the picture that would most logically and simply be the next in the sequence.



Question

Middle of the Sequence

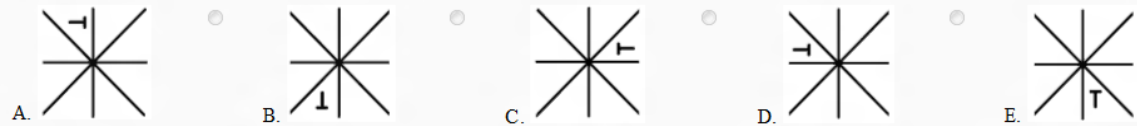
The following five figures can be rearranged to form a logical sequence. Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.



Question

Middle of the Sequence

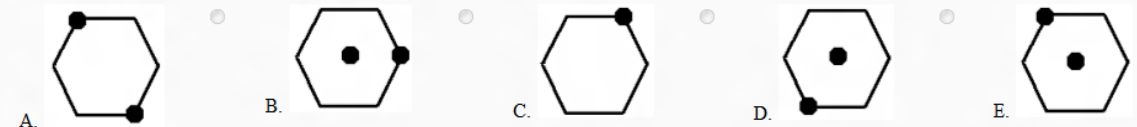
The following five figures can be rearranged to form a logical sequence. Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.



Question

Middle of the Sequence

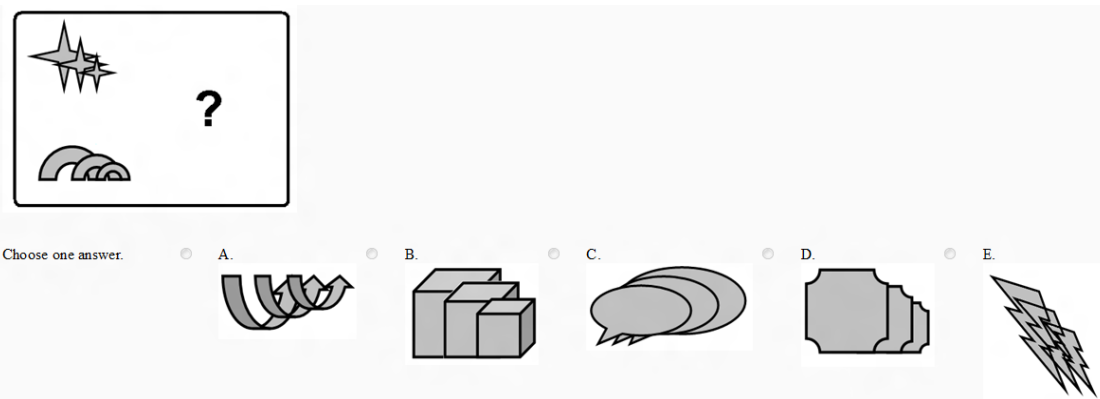
The following five figures can be rearranged to form a logical sequence. Select the alternative (A, B, C, D or E) that most logically and simply fits in the **middle** of the sequence.



Question

Missing Segment

Select the segment that would most logically and simply complete the picture.



Question

Missing Segment

Select the segment that would most logically and simply complete the picture.

Choose one answer.

A.

B.

C.

D.

E.

Question

Missing Segment

Select the segment that would most logically and simply complete the picture.

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Choose one answer.

- A. 1 B. 3 C. 2 D. 5 E. 4

Question

Next in the Sequence

Select the picture that would most logically and simply be the next in the sequence.

--

Choose one answer.

A.

B.

C.

D.

E.