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**Q 1**

Which part of the sentence given below has an error in it?

Politicians keep saying / that they'll fix the roads / in the state but it never does.

**Ops:**

- A.  No error
- B.  in the state but it never does
- C.  Politicians keep saying
- D.  that they'll fix the roads

**Q 2**

Fill in the blank with the most suitable option.

In all my life, I \_\_\_\_\_ Tamil, but the language sounds musical to me.

**Ops:**

- A.  never study
- B.  had never studied
- C.  never studied
- D.  have never studied

- C.  never studied
- D.  have never studied

**Q 3** Fill in the blank with the most suitable option.

The old man from the crowd held \_\_\_\_\_ a letter for me to read.

**Ops:**

- A.  in
- B.  out
- C.  off
- D.  on

**Q 4** The sentences given below form a coherent passage when arranged logically. Choose the option which gives the correct sequence.

- (1) I had had the car serviced just the previous day, so I didn't expect what happened next.
- (2) My wife stopped the car and asked me to check where the sound had come from.
- (3) My wife and I were taking a road trip to the other side of the country.
- (4) Just as we crossed out of state limits, we heard a loud pop.
- (5) And , we had not one, but two punctures, much to the anger of my wife.

- Ops:**
- A.  3 1 4 2 5
  - B.  1 3 4 5 2
  - C.  3 1 4 5 2
  - D.  1 3 4 2 5

Q 5

Fill in the blank with the most suitable option.

The leg of the chair was sawed.

Ops:

- A.  over
- B.  on
- C.  in
- D.  off

Q 5  
20 : 20 : 20

Q 6

The sentences given below form a coherent passage when arranged logically. Choose the option which gives the correct sequence.

- (1) You see, she has been at the top of her industry for almost a decade, so she has seen all kinds of issues come up and get resolved.
- (2) I am certain Anita will have a solution to your problem.
- (3) And I'm not saying this because I get a commission from her for recommending her services.
- (4) When you have this much experience, you can be relied upon to know what course of action is better in these situations.

Ops:

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

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2183488

Q 7 Choose the best replacement for the underlined part of the sentence.

I'm sorry I forgot accounting for delays while calculating a travel time.

Ops:

- A.  forgot accounting of

This log of the class was issued

- Ops: A.  over  
B.  on  
C.  in  
D.  off

- Q. 6 The sentences given below form a coherent passage when arranged logically. Choose the option which gives the correct sequence.
- (1) You see, she has been at the top of her industry for almost a decade, so she has seen all kinds of issues come up and get resolved.  
(2) I am certain Anita will have a solution to your problem.  
(3) And I'm not saying this because I get a commission from her for recommending her services.  
(4) When you have this much experience, you can be relied upon to know what course of action is better in most situations.

- Ops: A.  2 3 1 4  
B.  1 4 3 2  
C.  1 2 3 4  
D.  2 3 4 1

- Q. 7 Choose the best replacement for the underlined part of the sentence.

I'm sorry I forgot accounting for delays while calculating a travel time.

- Ops: A.  (i) I forgot accounting of

**Q 7**

Choose the best replacement for the underlined part of the sentence.

I'm sorry I forgot accounting for delays while calculating a travel time.

Ops:

- A.  I forgot accounting of
- B.  I forgot keeping an account for
- C.  I forgot to account
- D.  I forgot to account for

**Q 8**

Choose the best replacement for the underlined part of the sentence.

I have lot of experience in marketing.

Ops:

- A.  I have lot of experiences
- B.  I have a lot of experience
- C.  I have a lot of experiences
- D.  I have lot of experience

**Q 9**

Fill in the blank with the most suitable option.

she has been \_\_\_\_\_ to lie for no reason.

Ops:

- A.  looked
- B.  worked

- She has been \_\_\_\_\_ the most suitable option.
- Open: A.  looking  
B.  packed  
C.  spoken  
D.  known

Q 10. Fill in the blank with the most suitable option.

I \_\_\_\_\_ my lunch each day.

- Ops: A.  finishes  
B.  am finishing  
C.  finish  
D.  finishing

Read the passage given below and answer the questions that follow.

After more testing it was determined that the wolf bone did contain a portion of the exact same genes and DNA as today's Siberian Husky. This connection is especially interesting to scientists because having a dog here today that is connected to a wolf that went extinct with Mammuths is fascinating. Huskies aren't the only dogs descended from wolves that have a prehistoric connection. Other dogs like the Shar-pei and the Spitz also live with the same ancient DNA in their bodies.

While the evidence looks promising, a ton of research is still needed to say definitively that all dogs descend from wolves. Researchers plan to study the DNA and genes of domesticated dogs to see if they can put together a realistic idea of how the relationship between dogs and humans began in the way we know it now. Some

01 : 21 : 25

Welcome 729824

Sections

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Read the passage given below and answer the questions that follow.

After more testing it was determined that the wolf bone did contain a portion of the exact same genes and DNA as today's Siberian Husky. This connection is especially interesting to scientists because having a dog here today that is connected to a wolf that went extinct with mammoths is fascinating. Huskies avoid the wild dogs descended from wolves that have a prehistoric connection. Other dogs like the Shar-pei and the Spitz also live with the same ancient DNA in their bodies. While the evidence looks promising, a ton of research is still needed to say definitively that all dogs descend from wolves. Researchers plan to study the DNA and genes of domesticated dogs to see if they can put together a realistic idea of how the relationship between dogs and humans began in the way we know it now. Some believe this will lead to awareness that all dogs descended from wolves.

More likely is the proof that humans and dogs have been helping each other out for years. Whether or not they descended from wolves is less important than when they became companions for humans instead of predators. It's been conjectured that dogs and humans teamed up to defeat the Neanderthals and eventually force them into extinction. Some people believe that humans may not have survived the way they did if it wasn't for the concern from wolves turned friends.

**Q 11** Choose the option that is closest in meaning to the word "conjectured" as used in the passage.

- Ops:
- A.  proven
  - B.  remembered
  - C.  analysed
  - D.  hypothesised

**Q 12** The passage is primarily concerned with:

- Ops:
- A.  Recommending breeds of dogs with the most wolf-like characteristics
  - B.  Tracing the origins of dogs and their evolution
  - C.  Following the genetic changes in dogs over time

Read the passage given below and answer the questions that follow.

01 : 28 : 08

After more testing it was determined that the wolf bone did contain a portion of the exact same genes and DNA as today's domestic dogs. This research is especially interesting to scientists because having a dog here today that is connected to a wolf that was extinct millions of years ago, provides much evidence that all dogs descended from wolves that have a prehistoric connection. Other dogs like the Shiba Inu and the Lhasa also have with the same ancient DNA in their bones.

While the evidence looks promising, a ton of research is still needed to say conclusively that all dogs descend from wolves. Researchers plan to study the DNA and genes of domesticated dogs to see if they can put together a realistic idea of how the relationship between dogs and humans began in the way we know it now. Some believe this will lead to awareness that all dogs descended from wolves.

More likely is the proof that humans and dogs have been helping each other out for years. Whether or not they descended from wolves is less important than when they became companions for humans instead of predators. It's been conjectured that dogs and humans teamed up to defeat the Neanderthals, and eventually force them into extinction. Some people believe that humans may not have survived the way they did if it wasn't for the concern from wolves turned friends.

**Q 11** Choose the option that is closest in meaning to the word "conjectured" as used in the passage.

- Ops: A.  proven  
B.  remembered  
C.  analysed  
D.  hypothesised

**Q 12** The passage is primarily concerned with:

- Ops: A.  Recommending breeds of dogs with the most wolf-like characteristics  
B.  Tracing the origins of dogs and their relationship with humans  
C.  Following scientific evidence in proving that dogs descend from wolves  
D.  Analysing the relationship between humans and animals

**Q 12** The passage is primarily concerned with:

- Ops: A.  Recommending breeds of dogs with the most wolf-like characteristics.  
B.  Tracing the origins of dogs and their relationship with humans  
C.  Following scientific evidence in proving that dogs descend from wolves.  
D.  Analysing the relationship between humans and animals.

**Q 13** State whether the following statement is true or false.

Dogs were once predators for humans.

- Ops: A.  Cannot be determined  
B.  TRUE  
C.  FALSE

**Q 14** Mark the option which is closest in meaning to the word given below.

PUFFY

- Ops: A.  Weak  
B.  Beautiful  
C.  Healthy  
D.  Swollen

**Q 14** Mark the option which is closest in meaning to the word given below.

PUFFY

- Ops: A.  Weak  
B.  Beautiful  
C.  Healthy  
D.  Swollen
- 

**Q 15** Mark the option which is closest to the meaning of the word given below.

HARBOUR

- Ops: A.  Decorate  
B.  Scare  
C.  Swim  
D.  Cultivate
- 

**Q 16** Mark the option which is closest to the meaning of the word given below.

TOPPLE

- Ops: A.  Ask  
B.  Fall  
C.  Trouble

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Q 16 Mark the option which is closest to the meaning of the word given below.

01 : 21 : 52

**TOPPLE**

- Ops:**
- A.  Ask
  - B.  Fall
  - C.  Trouble
  - D.  Scare

Q 17 Find out which part of the sentence below has an error and mark the option accordingly.

A healthy mix of speed / and articulation is needed | when making a passionate speech, | or it can sounds bland or pointless.

- Ops:**
- A.  or it can sounds bland or pointless
  - B.  and articulation is needed
  - C.  A healthy mix of speed
  - D.  when making a passionate speech,

**1****2****3****4****5****6**

## Analytical Reasoning

Read the information given below carefully and answer the questions that follow.

Six friends - Bishop, Ruby, Tony, Ethan, Carl, and Mary (not necessarily in the same order) are racing on a 100 m track. Each person has one of the six as a profession - Doctor, Stock Broker, Actor, Engineer, Dentist and Microbiologist. Each person hails from one of the six cities - São Paulo, Manchester, Dallas, California, Lisbon, and Paris. Each one of them can finish at one of the six positions - first, second, third, fourth, fifth and sixth. Each one of them have a different colored energy drink - red, blue, pink, yellow, white, and magenta.

The following information is known about them.

1. Mary the fastest of all, is a Doctor who drank red coloured energy drink and hails from Manchester.
2. The Stock Broker from São Paulo, wasn't the last to finish, drank white coloured energy drink.
3. Ruby, a Microbiologist from Dallas finished fifth from bottom drank a magenta coloured energy drink.
4. Tony, an Engineer from California, drank a pink coloured energy drink, finished third.
5. The person who finished last was neither an Engineer nor a Dentist, and hailed from Lisbon.
6. The person who drank blue coloured drink finished second last, and finished immediately after Bishop.

Q 18 Who drank yellow colored energy drink, if Carl finished second last?

- Ops:
- A.  Tony
  - B.  Ruby
  - C.  Ethan
  - D.  Bishop

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## Analytical Reasoning

Read the information given below carefully and answer the questions that follow.

Six friends - Bishop, Ruby, Tony, Ethan, Carl, and Mary (not necessarily in the same order) are racing on a 100 m track. Each person has one of the six as a profession - Doctor, Stock Broker, Actor, Engineer, Dentist and Microbiologist. Each person hails from one of the six cities - Sao Paulo, Manchester, Dallas, California, Lisbon, and Paris. Each one of them can finish at one of the six positions - first, second, third, fourth, fifth and sixth. Each one of them have a different coloured energy drink - red, blue, pink, yellow, white, and magenta.

The following information is known about them.

1. Mary the fastest of all, is a Doctor who drank red coloured energy drink and hails from Manchester.
2. The Stock Broker from Sao Paulo, wasn't the last to finish, drank white coloured energy drink.
3. Ruby, a Microbiologist from Dallas finished fifth from bottom drank a magenta coloured energy drink.
4. Tony, an Engineer from California, drank a pink coloured energy drink, finished third.
5. The person who finished last was neither an Engineer nor a Dentist, and hailed from Lisbon.
6. The person who drank blue coloured drink finished second last, and finished immediately after Bishop.

Q 18 Who drank yellow colored energy drink, if Carl finished second last?

- Ops:
- A.  Tony
  - B.  Ruby
  - C.  Ethan
  - D.  Bishop

## Sections

Q 18 Who drank blue coloured energy drink, if Carl finished second last?

- Ops: A.  Tony  
B.  Ruby  
C.  Ethan  
D.  Bishop

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Q 19 Which of the following pairs is incorrect?

- Ops: A.  Ethan - Yellow  
B.  Carl - Blue  
C.  Carl - White  
D.  Carl - Dentist

Q 20 What was Bishop's profession?

- Ops: A.  Doctor  
B.  Actor  
C.  Stock Broker  
D.  Dentist

Six friends - Bishop, Ruby, Tony, Ethan, Carl, and Mary (not necessarily in the same order) are racing on a 100 m track. Each person has one of the six positions - first, second, third, fourth, fifth and sixth. Each one of them has a different colored energy drink.

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The following information is known about them.

1. Mary the fastest of all, is a Doctor who drank red coloured energy drink and hails from Manchester.
2. The Stock Broker from Sao Paulo, wasn't the last to finish, drank white coloured energy drink.
3. Ruby, a Microbiologist from Dallas finished fifth from bottom drank a magenta coloured energy drink.
4. Tony, an Engineer from California, drank a pink coloured energy drink, finished third.
5. The person who finished last was neither an Engineer nor a Dentist, and hailed from Lisbon.
6. The person who drank blue coloured drink finished second last, and finished immediately after Bishop.

**Q 18** who drank yellow colored energy drink, if Carl finished second last?

Ops: A.  Tony

B.  Ruby

C.  Ethan

D.  Bishop

Which of the following pairs is incorrect?

**Q 19** Which of the following pairs is incorrect?

Ops: A.  Ethan - Yellow

Sections

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- Q 18 Who drank yellow colored energy drink, if Carl finished second last?
- Ops: A.  Tony  
B.  Ruby  
C.  Ethan  
D.  Bishop
- 

- Q 19 Which of the following pairs is incorrect?

- Ops: A.  Ethan - Yellow  
B.  Carl - Blonde  
C.  Carl - White  
D.  Carl - Dentist
- 

- Q 20 What was Bishop's profession?

- Ops: A.  Doctor  
B.  Actor  
C.  Stock Broker  
D.  Dentist
- 

- Q 21 The question given below is followed by two statements numbered I and II. Determine if the statements are, individually or together, sufficient to answer the question.

Question: Melissa has a triangular flower bed with sides x, y, and z. What is the area of the flower bed in square meters?

Sections

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The question given below is followed by two statements numbered I and II. Determine if the statements are individually or together sufficient to answer the question.

01 : 18 : 55

**Question:** Melissa has a triangular flower bed with sides  $x$ ,  $y$ , and  $z$ . What is the area of the flower bed in sq. meters?

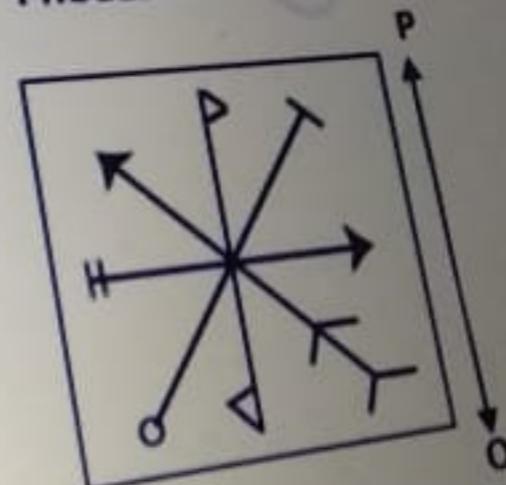
**Statements:**

- I.  $y = 5$
- II.  $x + y + z = 30$

- Ops:**
- A.  Only one of the statements, alone, is sufficient to answer the question but other statement is not.
  - B.  Each statement alone is sufficient to answer the question.
  - C.  Both statements I and II together are sufficient to answer the question asked but neither statement alone is sufficient.
  - D.  Statements I and II together are not sufficient to answer the question asked and additional data to the problem is needed.

**Q 22** From the Response Figure (1), (2), (3) and (4) identify the one which would be seen as the mirror image of the problem figure if the mirror is placed along the line PQ.

**PROBLEM FIGURE:**



sections

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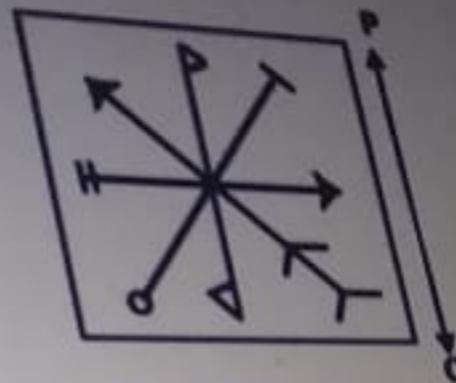
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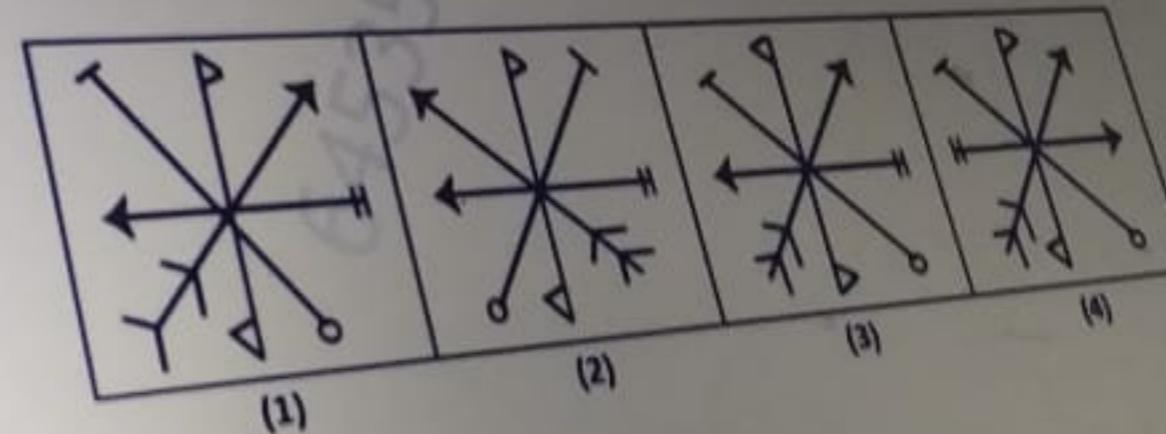
Q 22. From the Response Figure (1), (2), (3) and (4) identify the one which would be used as the mirror image of the problem figure if the mirror is placed along the line PQ.

01 : 18 : 46  
Time  
Date

PROBLEM FIGURE:



RESPONSE FIGURE:



- Ops: A.  (1)  
B.  (3)  
C.  (4)

- Ops: A.  (1)  
B.  (3)  
C.  (4)  
D.  (2)

(1)

(2)

(3)

(4)

01 : 18 : 37

**Q 23** If in a certain code language, "FIXTURE" is coded as "GKALNNUP", then how would "DESCRIBE" be coded in the same code language?

- Ops: A.  EGUFTYF  
B.  EGVESYE  
C.  EGVESYF  
D.  EGVFTYF

**Q 24** The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statements logically.

**Statements:**

- I. All umbrellas are jars.  
II. No jar is a dagger.

**Conclusions:**

- I. No umbrella is a dagger.  
II. No dagger is a jar.

- Ops: A.  Only conclusion II follows

ections

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Q 23 If in a certain code language, "FIXTURE" is coded as "GKALWUJ", then how would "DISSEVA" be coded in the same code language?  
Opsc: A.  EQUFTYF  
B.  EGVESYE  
C.  EGVESYF  
D.  EGVFTYF

Q 24 The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statements logically.

**Statements:**

- I. All umbrellas are jars.
- II. No jar is a dagger.

**Conclusions:**

- I. No umbrella is a dagger.
- II. No dagger is a jar.

Ops: A.  Only conclusion II follows  
B.  Only conclusion I follows  
C.  Both conclusion I and conclusion II follow  
D.  Neither conclusion I nor conclusion II follows

Study the flowchart given below and answer the questions that follow.

## RECRUITMENT PROCESS

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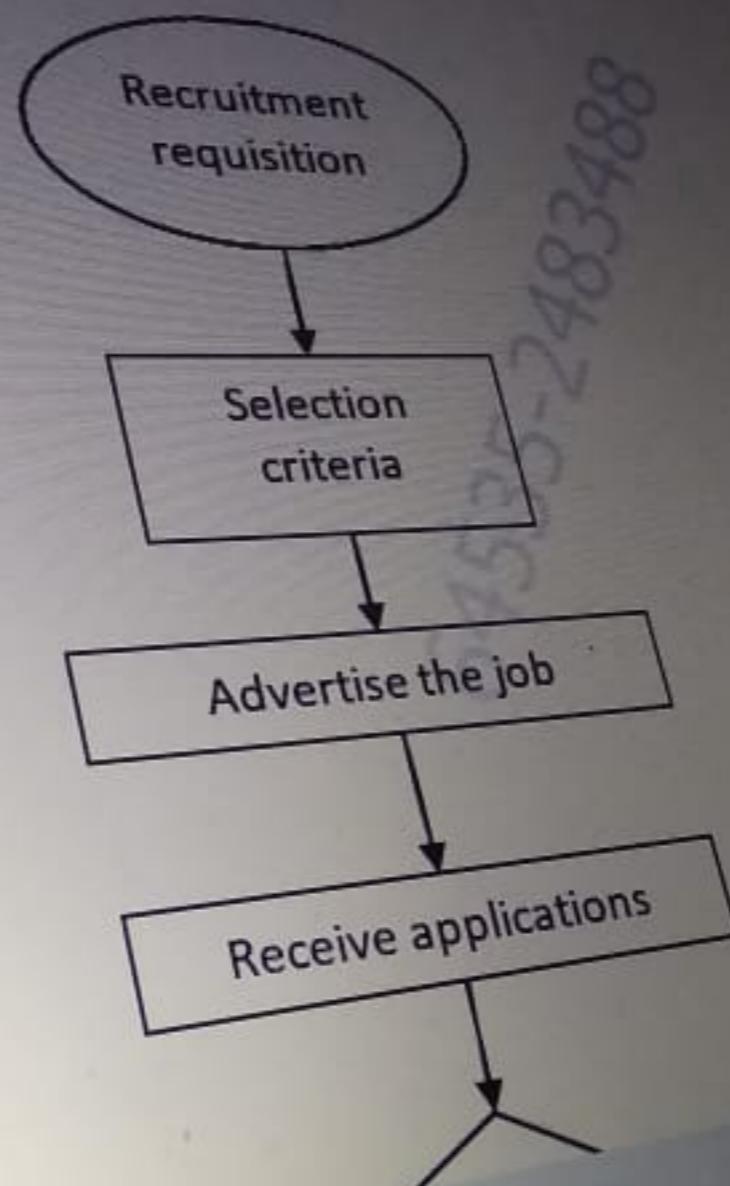
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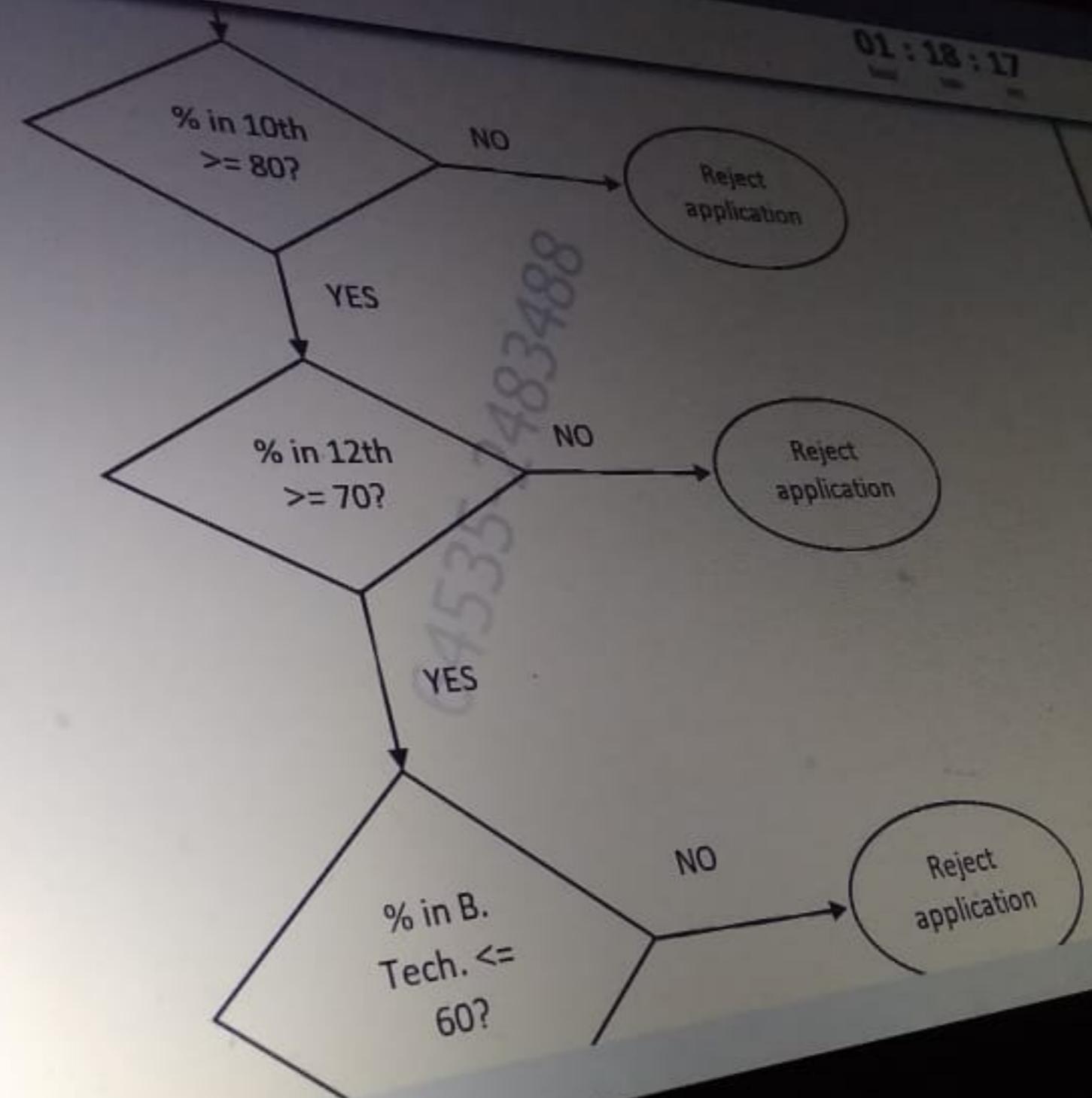
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01 : 18 : 24

Study the flowchart given below and answer the questions that follow.

## RECRUITMENT PROCESS





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Sections

1

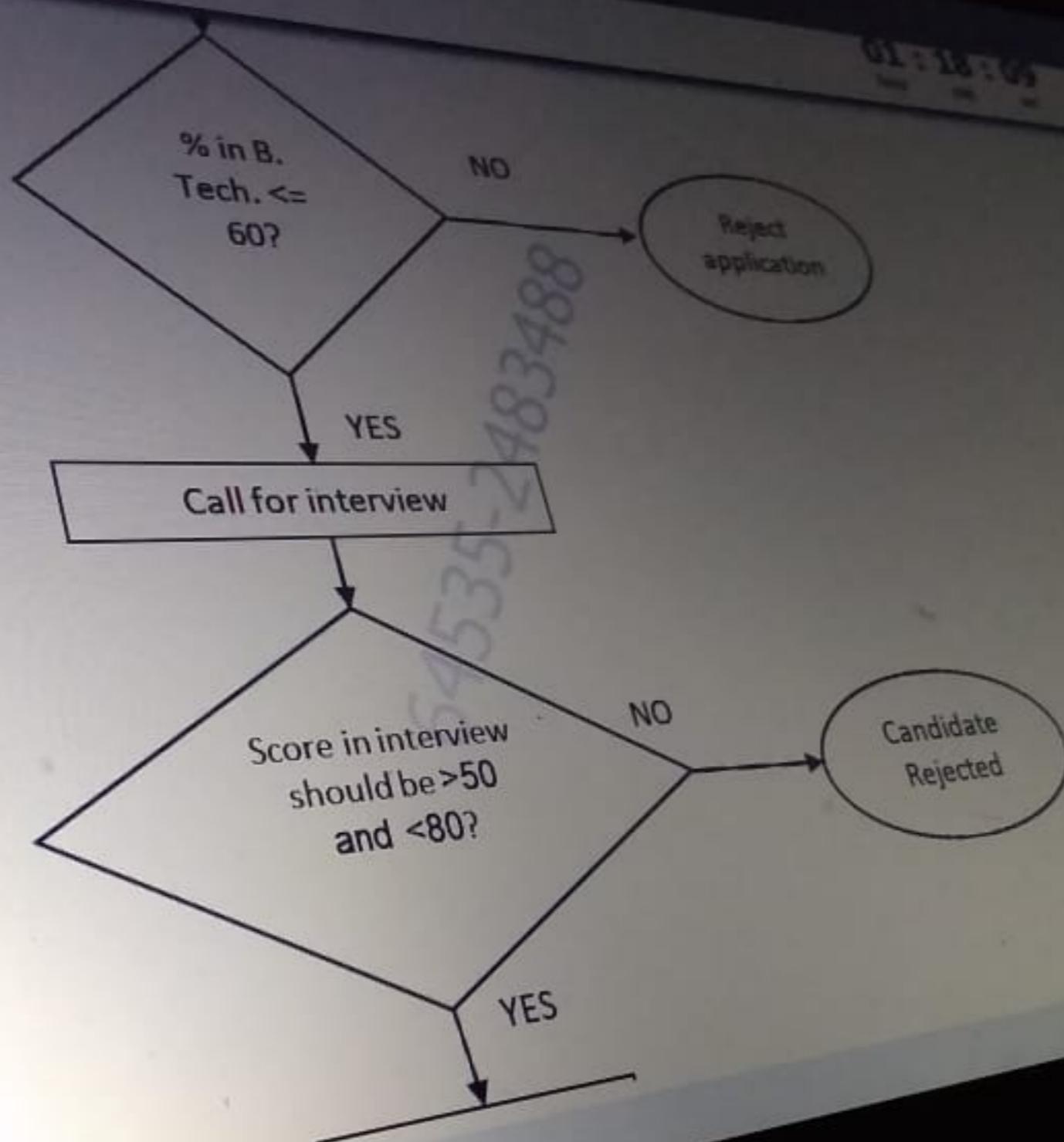
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Sections

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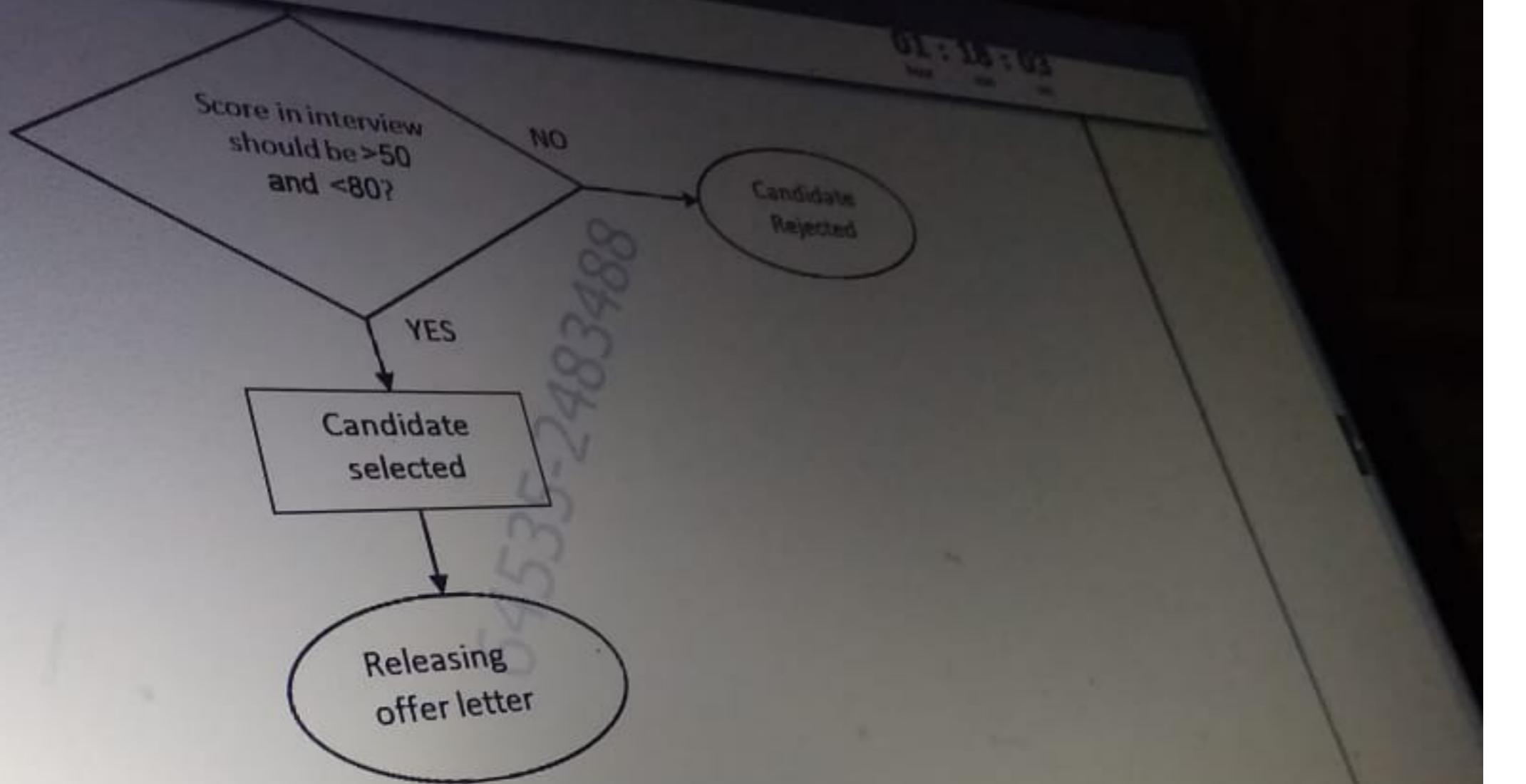
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Q 25 In which of the following cases candidates application would be rejected?

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Sections

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Releasing offer letter

Q 25 In which of the following cases candidates application would be rejected?

Ops: A.  75% in 12th  
B.  70% in B. Tech.  
C.  85% in 10th  
D.  40 score in interview

---

Q 26 Which of the following is the correct condition for getting hired?

1. 85% in 10th  
2. 50% in B. Tech.  
3. 70 score in interview

Ops: A.  1 OR 2 OR 3  
B.  1 AND 2 OR 3  
C.  1 NOR 2 AND 3  
D.  1 AND 2 AND 3

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01 : 11 : 55

sections

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**Q 25** In which of the following cases candidates application would be rejected?

Ops: A.  75% in 12th  
B.  70% in B. Tech.  
C.  85% in 10th  
D.  40 score in interview

---

**Q 26** Which of the following is the correct condition for getting hired?

1. 85% in 10th  
2. 50% in B. Tech.  
3. 70 score in interview

Ops: A.  1 OR 2 OR 3  
B.  1 AND 2 OR 3  
C.  1 NOR 2 AND 3  
D.  1 AND 2 AND 3

---

**Q 27** Find the missing term in the series given below.

52, 53, 56, ?, 92, 173

Ops: A.  73  
B.  75  
C.  77  
D.  79

Sections

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**Q 27** Find the missing term in the series given below.

52, 53, 56, ?, 92, 173

- Ops: A.  73  
B.  78  
C.  69  
D.  65

Read the information given below carefully and answer the questions that follow.

Janice is training her Shiba Inu, Haruki to think smartly by a game. There are ten feeding bowls. In front of each feeding bowl there are different numbers of treats - six, seven, eight, nine, and ten. There are ten stuffed toys - Shades, Twig, Pencil, Star, and Apple. Haruki has to put each toy in the assigned feeding bowl. He gets to eat the treatos in front of the feeding bowl, irrespective of he is right or wrong.

The following is known about the final arrangements made by Haruki.

1. Haruki ate six treato after placing the Shades in the feeding bowl.
2. Twig wasn't placed in the bowl which had ten, nine or seven treatos in front of it.
3. Haruki placed Pencil in the feeding bowl which had one treato more than the feeding bowl where Twig was placed.
5. Star wasn't placed in the feeding bowl which had the highest number of treatos in front of it.

**Q 28** How many treatos did Haruki eat when he placed the Star?

- Ops: A.  ten  
B.  nine

Sections

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Q 28 How many treatos did Hanuk eat when he placed the star?

- Ops: A.  ten  
B.  nine  
C.  seven  
D.  eight

Q 29 If a feeding bowl had nine treatos in front of it, then which toy is placed by Hanuk in that feeding bowl?

- Ops: A.  Pencil  
B.  Twig  
C.  Star  
D.  Apple

Q 30 The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statements logically.

**Statements:**

- I. Some tables are cards.
- II. All cards are boxes.
- III. Some boxes are tissues.

**Conclusions:**

- I. Some tables are boxes.
- II. Some tissues are boxes.

Ops: A.  Both conclusion I and conclusion II follow

Sections

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**Q 30** The statements given below are followed by some conclusions. Assume the statements to be true, even if they appear contrary to commonly known facts.

**Statements:**

- I. Some tables are cards.
- II. All cards are boxes.
- III. Some boxes are tissues.

**Conclusions:**

- I. Some tables are boxes.
- II. Some tissues are boxes.

**Ops:** A.  Both conclusion I and conclusion II follow

B.  Only conclusion I follows

C.  Neither conclusion I nor conclusion II follows

D.  Only conclusion II follows

**Q 31** Find the missing term in the series given below.

50, 51, 54, 59, 66, ?

**Ops:** A.  75

B.  85

C.  81

D.  79

Sections

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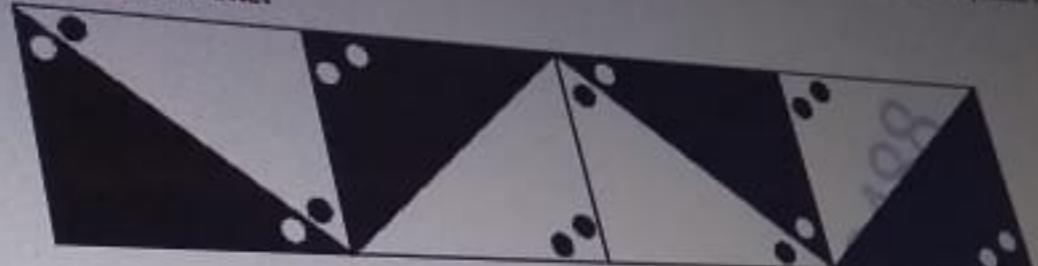
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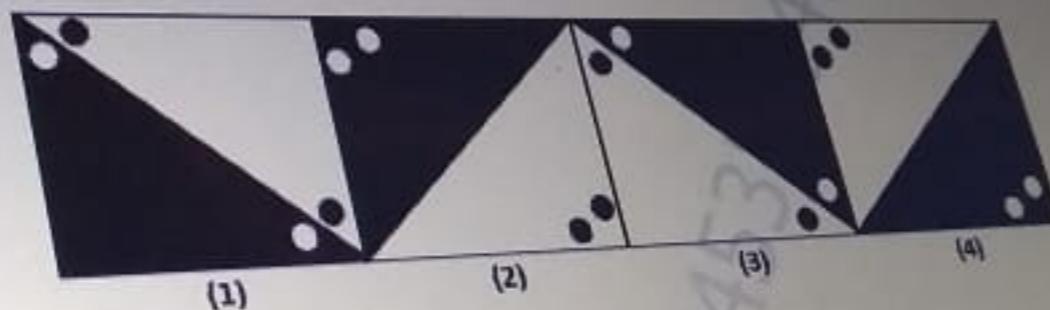
Welcome 729824

Q 32 From the Response Figure (1), (2), (3) and (4) identify the one which follows the sequence given in the Problem Figure.

PROBLEM FIGURE:



RESPONSE FIGURE:



- Ops: A.  (3)  
B.  (4)  
C.  (2)  
D.  (1)

Q 33 If in a certain code language, "ECONOMICS" is coded as "FXQMRNMOC", then how would "PUBLICITY" be coded in the same code language?

- Ops: A.  QEEPMYNGF

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D.  (1)

**Q 33** If in a certain code language, "ECONOMICS" is coded as "FZQMRJBMOC", then how would "VALLEY" be coded in the same code language?

Ops: A.  QEEPMYNGF  
B.  QEDPLYMHG  
C.  QFEOMXNGE  
D.  QFDOLXMGD

**Q 34** Count the number of "i" in the following string.

.....

Ops: A.  25  
B.  23  
C.  22  
D.  24

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### 3 Numerical Ability

0 out of 16 questions attempted. Attempt?

16 questions, 1 mark each

### 4 Common Applications and MS office

12 questions, 1 mark each

## Sections

1

2

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D. ○ (1)

**Q 33** If in a certain code language, "ECONOMICS" is coded as "EXQMHNMOOC", then how would "POLICY" be coded in the same code language?

**Ops:**

- A.  QEEPAMYNGF
- B.  QEDPLYMHDF

Ops: A.  QEEP MYNGF  
 B.  QED PLYMHD  
 C.  QFED OMXNGE  
 D.  QFDOL XMGD

**Q 34** Count the number of "i" in the following string.

.....

**Ops:** A.  25  
B.  23  
C.  22  
D.  24

### 3 Numerical Ability

0 out of 16 questions attempted. Attempt?

16 questi, 1 malato

12 quarters, 1 metr each

4 Common Applications and MS office

D.  Neither 1 nor 2

reset answer

## Sections

1

2

3

4

5

6

Q 89 Which of the following characteristics of cloud provides a sense of location independence in that the customer generally has no control or knowledge over the exact location of the provided resources?

Ops: A.  Rapid elasticity

B.  On-demand self service

C.  Resource pooling

D.  Measured service

reset answer

Q 90 Which of the following characteristics of the cloud allows ease to access standardized mechanisms?

Ops: A.  Broad Network Access

B.  On-demand self service

C.  Measured service

D.  Resource pooling

reset answer

Submit and Logout

00 : 01 : 39  
00 00 00

**Sections**

1  
2

3

6  
5  
4

Q 87 What is the default value of subtype which is a subfield of frame control of IEEE 802.11?

Ops: A.  1

B.  1111

C.  0001

D.  0000

reset answer

Q 88 According to IEEE 802.11 standards, which of the following ISM radio bands can be used by Wi-Fi to operate?

1. 5 Hz
2. 2.4 GHz

Choose the correct answer from the options given below.

Ops: A.  Only 1

B.  Only 2

C.  Both 1 and 2

D.  Neither 1 nor 2

reset answer

Q 89 Which of the following characteristics of cloud provides a sense of location independence in that the consumer generally has no control over where the resources are located?

exact location of the provided resources?

Ops: A.  Rapid elasticity

B.  On-demand self-service

00 : 01 : 44

## Sections

1

2

3

4

5

6

Q 85 Which of the following is correct based on the below statements?

- A. Clouds offer limited data storage capacity to users.
- B. Clouds offer unlimited data storage capacity to users.
- C. In both data center and cloud, there is a third party involved in managing data but the cloud has more data theft.
- D. In both data center and cloud, there is a third party involved in managing data but the data center has more data theft.

Choose the correct answer from the options given below.

Ops: A.  Only B and D

B.  Only A and D

C.  Only A and C

D.  Only B and C

reset answer

Q 86 Which of the following is/are supported by WPA2?

Ops: A.  All of the mentioned options

B.  IEEE802.1x based authentication

C.  AES Encryption

D.  Message Integrity Check

reset answer

Q 87 What is the default value of subtype which is a subfield of frame control of IEEE 802.11?

Ops: A.  1

00:01:51  
hour min sec

## Sections

1

2

3

6

Q 84 Which of the following is correct based on the below statements?

- A. Small-scale businesses with sufficient capital, resources and uneven demand should opt for data center to provide and promise greater security.
- B. Large-scale businesses with sufficient capital and resources should opt for data center to provide and promise greater security.
- C. Large-scale businesses with limited capital, resources and uneven demand should opt for data center to provide and promise greater security.
- D. Large-scale businesses with limited capital, resources and even demand should opt for data center to provide and promise greater security.

Choose the correct answer from the options given below

- Ops:
- A.  Only B and D
  - B.  Only A and C
  - C.  Only B and C
  - D.  Only A and D

reset answer

Q 85 Which of the following is correct based on the below statements?

Clouds offer limited data storage capacity to users but the cloud has more data than data center.

- A. Clouds offer unlimited data storage capacity to users but the data center has more data than.
- B. Clouds offer unlimited data storage capacity to users, there is a third party involved in managing data but the data center has more data than.
- C. In both data center and cloud, there is a third party involved in managing data but the data center has more data than.
- D. In both data center and cloud, there is a third party involved in managing data but the data center has more data than.

Choose the correct answer from the options given below

Q 82 Which of the following type of encryption is present in the example given below?

text + 2ab5985md8 = M5mdMAvcg11=

M5mdMAvcg11= + 2ab5985md8 = text

Ops: A.  Hashing

B.  Asymmetric Key Encryption

C.  None of the mentioned options

D.  Symmetric Key Encryption

reset answer

Q 83 Which of the following types of single-byte substitution step(s) occurs in round processing while using the AES encryption algorithm of 128 bits, 192 bits and 256 keys?

Ops: A.  Row-wise mixing step

B.  All of the mentioned options

C.  Column's wise permutation step

D.  Round key's addition

reset answer

1

2

3

4

5

6

**Q 81**

Consider the situation given below and choose which of the following firewalls would be best suited for the situation.

**Situation**

You are working for a XYZ company and your organisation is interested in network security. It requires protection that has the ability to modify the TCP control protocol (TCP) handshake.

**List of firewalls**

1. Packet-Filtering Firewall
2. Stateful inspection firewall
3. Circuit-level gateway
4. Application-level gateway
5. Next-Generation Firewalls

**Ops:** A.  Only 1, 2, 4, and 5

B.  Only 2, 3, 4, and 5

C.  Only 1

D.  Only 1, 2, 3, and 4

Reset answer

**Q 82**

Which of the following type of encryption is present in the example given below?

$\text{tPxt} + \text{7ah5085mrlR} = \text{M5mdMaVr\!1=}$

## Sections

**Q 75**

What will be the output of the following pseudocode for  $a = 2, b = 6$ ?

```
1. Integer funn(Integer a, Integer b)
2. Integer c
3. for(each c from 1 to 3)
4.     a = c
5.     b = a + c
6.     if(1)
7.         if(a < b)
8.             return b
9.     Else
10.        return 0
11.    End if
12. End if
13. End for
14. return -1
15. End function funn()
```

Ops:

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

What will be the output of the following pseudocode?

## Sections

- B.  0.0436%  
C.  0.6.67%  
D.  5.25%

1

2

3  
4  
5  
6

**Q 42** Angela, Molly and Hailey can complete a job in 6 days, 8 days and 10 days respectively. They work together and complete it. If their total wage is \$600, then find Hailey's wage.

- Ops: A.  \$3000  
B.  \$2400  
C.  \$4000  
D.  \$1800

**Q 43** In an election among three contestants Ben, Carl, and Mark, Ben gets half of the votes of Carl. Mark beats Carl by 20000 votes. Carl beats Ben by 10% of the total votes. Find the number of votes won by Ben, if every vote casted was valid and not given to anyone except the given three contestants.

- Ops: A.  60000  
B.  30000  
C.  35000  
D.  40000

**Q 44** Christina made a profit of 22% on selling a shirt at \$244. Find the cost price of the shirt.

- Ops: A.  240

## Sections

- B.  04.36%  
C.  6.67%  
D.  5.25%

1

2

3

4

5

6

**Q 42** Angela, Molly and Hailey can complete a job in 6 days, 8 days and 10 days respectively. They work together and complete it. If their wage is proportional to the time taken by each to complete the job, then find Hailey's wage.

- Ops: A.  \$3000  
B.  \$2400  
C.  \$4000  
D.  \$1800

**Q 43** In an election among three contestants Ben, Carl and Mark, Ben gets half of the votes of Carl, Mark, Ben gets 60000. Carl gets 60000. Ben is 20% of Carl.

- Ops: A.  60000  
B.  300000  
C.  150000  
D.  40000

**Q 44** Christina made a profit of 22% on selling a shirt at \$244. Find the cost price of the shirt.

- Q 44** Christina made a profit of 22% on selling a shirt at \$244. Find the cost price of the shirt.  
Ops: A.  240

## Sections

- B.  31
- C.  18
- D.  23

1

2

3

4

5

6

**Q 80** What will be the output of the following pseudocode for  $a = 2, b = 17$ ?

1. Integer funn(Integer a, Integer b)
2.     if( $a > b$ )
3.         return  $a + \text{funn}(b, a) + \text{funn}(b - 1, a)$
4.     Else
5.         return  $b - a$
6. End if
7. End Function funn()

Ops:

- A.  10
- B.  0
- C.  5
- D.  16

6

Networking Security and Cloud

0 out of 10 questions attempted. Attempted?

## Sections

Q 79 What will be the output of the following pseudocode for  $a = 8, b = 7$ ?

```
1. Integer funn(Integer a, Integer b)
2.   if(b^b > a^a && b&b > a&a)
3.     a = a ^ b
4.   Else
5.     b = b^ a
6.   End if
7.   return a + b
8. End function funn()
```

5

[Note- &&: Logical AND - The logical AND operator (`&&`) returns the Boolean value `true`(or 1) if both operands are true and return `false` (or 0) otherwise.

&: bitwise AND - The bitwise AND operator (`&`) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

$\wedge$ : the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

Ops:

A.  25

B.  31

C.  19

D.  23

**Sections****Q 78** What will be the output of the following pseudocode?

1. Integer a, b, c, d, e
2. Set a=18, b=13, c=24, e=10
3. while((a + c) > (b + e))  
4.     a = a + 2
5.     c = c - 7
6.     b = b + 2
7.     e = e + 8
8. end while
9. d = a + b + c + e
10. Print d

**Ops:** A. ○ 53  
B. ○ 86  
C. ○ 79  
D. ○ 39**Q 79** What will be the output of the following pseudocode for  $a = 8$ ,  $b = 77$ ?  

```
Integer fun(Integer a, Integer b)
{
    if(b^a > a^b && b>a)
        a = a ^ b
    else
        b = b ^ a
}
```

## Sections

Q 77 What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 12, b = 1, c = 3
3. if(b < a)
4.     a = b
5.     if(a > c)
6.         c = b
7. End if
8.     b = c
9.     if(c)
10.         b = 1
11. End if
12. End if
13. Print a + b + c

[Note: If(x) gets executed if the value inside if(), i.e., x is not zero]

- Ops:
- A.  8
  - B.  1
  - C.  13
  - D.  5

## Sections

1      2      3      4      5      6

**Q 76** What will be the output of the following pseudocode?

1. Integer p, q, r
2. Set p = 23, q = 12, r = 0
3. while(1)
  4.     r = p - q
  5.     p = r - 10
  6.     if ((p+5) > 10)
    7.       Jump out of the loop;
  8.     else
  9.       p = p + 35
  10.    end if
  11.    Print p
  12. end while

[Note: while(1); It is an infinite loop which will run till a break statement is issued explicitly.]

Ops:

- A.  36 71
- B.  30 60
- C.  36
- D.  None of the mentioned options

**Q 77** What will be the output of the following pseudocode?

## Sections

1

2

3

4

5

6

7  
8  
9  
10  
11  
12  
13  
14  
15

Q 75 What will be the output of the following pseudocode for  $a = 2, b = 67$ ?

```
1. Integer funn(Integer a, Integer b)
2. Integer c
3. for(each c from 1 to 3)
4.     a = c
5.     b = a + c
6.     if(1)
7.         if(a < b)
8.             return b
9.     Else
10.        return 0
11.    End if.
12. End for
13. End if
14. return -1
15. End function funn()
```

Ops:

A.  4

B.  2

C.  3

D.  5

Q 76 What will be the output of the following pseudocode?

1. Integer p, q, r

## Sections

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.

1

2

3

4

5

6

[Note: If(x) gets executed if the value inside if(), i.e., x is not zero.]

Ops:

- A.  6
- B.  2
- C.  3
- D.  9

Q 74 What will be the output of the following pseudocode for a = 1, b = 1?

00 : 21

Q73 What will be the output of the following pseudocode for a = 1, b = 0?

00 : 22 : 04

```
1. Integer funn(Integer a, Integer b)
2. if(b)
3.   Integer c
4.     for(each c from 1 to 3)
5.       a = a + c
6.     b = c
7.   End for
8.   if(a > b)
9.     if(a < b)
10.    return b
11.  End if
12. End if
13. return b + 1
14. Else
15.   return 0
16. End if
17. End function funn()
```

[Note: If(x) gets executed if the value inside if(), i.e., x is not zero]

- Ops:
- A.  6
  - B.  2
  - C.  4
  - D.  0

## Sections

1

2

3

4

5

6

**Sections****1****2****3****4****5**

**Q 72** What will be the output of the following pseudocode?

1. Integer n, a
2. Set n = 5, a = 0
3. a = (n \* (n + 1))/2
4. n = n + a
5. Print a

Ops:

- A.  15
- B.  5
- C.  20
- D.  10

**Q 73** What will be the output of the following pseudocode for a = 1, b = 0?

1. Integer fun(Integer a, Integer b)
2. if(b)  
    Integer c
3.     for(each c from 1 to 10)  
        a = a + c
4.     b = c
- 5.
6. End for
7. If(a > b)  
    If(a < b)  
        return b
- 8.
- 9.
- 10.



**Sections**

**Q 70** What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 4, b = 1, c = 8
3. if( (a ^ 2) - (b ^ 3) + (c & 4))
4. a = a ^ 2
5. Else
6.     b = b ^ 3
7.     c = c & 4
8. End if
9. Print a + b + c

**5**

[Note- &: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

$\wedge$  is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 1 and the other is 0, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

is 1, the corresponding result bit is set to 1.

If(x) gets executed if the value inside if(), i.e., x is not zero]

Ops: A.  28  
B.  19  
C.  15  
D.  11

## Sections

1

2

3

4

5

6

Q 69 What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 2, b = 7, c = 2
3. if(a+1 && b+1 && c-1)
4.     c = a + 1
5. End if
6. Print a + b + c

[Note- &&: Logical AND - The logical AND operator (&&) returns the Boolean value true (or 1) if both operands are true and return false (or 0) otherwise.

If(x) gets executed if the value inside {}, i.e., x is not zero]

Ops:

A.  21

B.  15

C.  5

D.  12

Q 70 What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set a = 1, b = 1, c = 1
3. If( (a ^ b) - (b ^ a) + (c & 1))
4.     a = a ^

C.  4  
D.  0

## Sections

**Q 68** What will be the output of the following pseudocode?

1. Integer c, d
2. Set c = 15, d = 12
3. d = c - 1
4. Print c //line
5. c = d + (c - 2)
6. if(c < 40)  
7. Goto line
8. end if

Ops: A.  None of the mentioned options  
B.  14 26 38  
C.  15 27 39  
D.  27 39

**Q 69** What will be the output of the following pseudocode?

```
1. Integer a, b, c
2. Set a = 2, b = 1, c = 0
3. If(a > 1) And b > 1 Then c = c + 1
4. End If
```

**Q 67** What will be the output of the following pseudocode?

1. Integer a, b, c
2. Set b = 3, a = 5, c = 1
3. if (b > a)
4.     b = a
5. End if
6. for(each b from (1 & 2 & 3 & 4) to (7 & 8 & 9 & 10 & 11))
7.     b = b + 1
8. End for
9. Print b

[Note- &: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.]

Ops:

- A.  2
- B.  1
- C.  4
- D.  0

**Q 68** what will be the output of the following pseudocode?

1. Integer c, d
2. Set c = 15, d = 12
3. d = c -  $\frac{1}{d}$  Line
4. Print c

## Sections

1

2

3

4

5

6

**Sections**

Q 66 What will be the output of the following pseudocode?

1. Integer k, m, limit, f
2. set f = 1, limit = 10
3. for(each k from 8 to limit)
4.     for(each m from value equal to k to less than equal to the value of k)  
        f = f \* m
- 5.
6.     end for
7. end for
8. print f

Ops: A.  37  
B.  33  
C.  51  
D.  29

Q 67 What will be the output of the following pseudocode?

**Sections****1****2****3****4****5****6****&&: Logical AND -** The logical AND operator (**&&**) returns the Boolean value **true**(or 1) if both operands are **true** and return **false** (or 0) otherwise.**&: bitwise AND -** The bitwise AND operator (**&**) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.**^: bitwise exclusive OR operator** that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.  
If(**x**) gets executed if the value inside **if()**, i.e., **x** is not zero]Ops: A.  6B.  3C.  13D.  9**Q 65** What will be the output of the following pseudocode for **a = 3, b = 8**?

1. Integer funn(Integer a, Integer b)
2.     Integer c
3.     Set c = 1
4.     a = a + c + b
5.     b = b + c + a
6.     return a + b
7. End function funn()

Ops: A.  100  
B.  404  
C.  0  
D.  99

00 : 23 : 55  
hour min sec

## Sections

1

2

3

4

5

6

7

1. Integer a, b, c
2. Set a = 3, b = 1, c = 2
3. if( $2 \& 2^2 > 3 \& 3^3$   $\&&$   $2^{2^2} \gg 3^{1^3}$ )
4. a = b + 2
5. b = c + 3
6. Else
7. a = a ^ 2
8. b = b ^ 2
9. End if
10. Print a + b + c

Q 64 What will be the output of the following pseudocode?

[Note - >> Bitwise right shift operator, it takes two numbers, right shifts the bits of the first operand, the second operand decides the number of places to shift.

&&. Logical AND - The logical AND operator (&&) returns the Boolean value true (or 1) if both operands are true and return false (or 0) otherwise.

&: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result is set to 1. Otherwise, the corresponding result is set to 0.

**Sections**

**Q 63** What will be the output of the following pseudocode?

1. Integer a, b, c, d, e
2. Set a = 7, b = 21, c = 32
3. d = b << (a - 5)
4. c = c + d
5. a = b + c + a
6. a = a << 1
7. e = a + c
8. if( b || a+2 && c-b)
9. e = e \* 2;
10. end if
11. if(e && b-12 || d/2)
12. e = e /2
13. end if
14. Print e

[Note: << is left shift operator, it takes two numbers, left shifts the bits of the first operand the second operand denotes the number of places to shift.  
&&: Logical AND - The logical AND operator (&&) returns the boolean value TRUE(or 1) if both operands are true and return false(or 0) otherwise  
||: Logical OR - The logical OR operator (||) returns the boolean value TRUE(or 1) if either or both operands is True and return false(or 0) otherwise  
If(x) gets executed if the value inside If(), i.e., x is not zero]

If(x) gets executed if the value inside If(), i.e., x is not zero

Ops:

A.  100

B.  404

C.  0

## Sections

Q 63 What will be the output of the following program?

1. Integer a, b, c, d, e
2. Set a = 7, b = 21, c = 10
3. d = b << (a - 5)
4. c = c + d
5. a = b + c + a
6. a = a << 1
7. e = a + c
8. if( b || a+b && c-b )
9. e = e \* 3;
10. end if
11. If(e && b-1) || d) {
12. e = e / }
13. end if
14. Print e

(Note: << is left shift operator, it takes two numbers, left shifts the bits of the first operand the number of positions specified by the second operand. The result is stored in the first operand.)  
&& Logical AND - The logical AND operator (&&) returns true if both the conditions are true. If either one condition is false, the result is false.  
||| Logical OR - The logical OR operator (|||) returns the logical value true if either one of the conditions is true.  
If(x) gets executed if the value inside {} i.e., x is not zero.

Ops: A.  100  
B.  404  
C.  0

**Sections**

**Q 60** What do we call the page which appears when the user opens the website?

- Ops: A.  Absolute Page  
B.  Dead End Page  
C.  Backend Page  
D.  Home Page

**3****4****1****2****5**

- Ops: A.  Format Painter  
B.  Conditional Formatting  
C.  Format  
D.  Alignment

**6**

**Q 61** In MS Excel, if you want to copy the formatting from one place and apply it to another, which of the following tools should be used?

- Ops: A.  A blank screen will appear  
B.  You will be redirected to your custom Calendar  
C.  You will see a message asking whether you'd like to request permission from its owner to view the calendar  
D.  You will see an error message

856

With the help of ... X goes and asks about some communiti-

4

3

10

4

4

9

10

Remove the [link](#)

Ops: A.  A PivotTable in the worksheet that you plan to work on in an earlier version of Excel.

- A PivotTable in the workbook contains data represented using the 'Show Values As' feature which will not be saved and values from the data source

B. ○ The workbook contains custom embedded data that will not be saved

C. ○ A PivotTable in this workbook contains server settings which do not exist in earlier versions of Excel

D. ○ A PivotTable in this workbook has what-if analysis turned on which if unpublished will be lost in earlier versions of Excel

**Q 59** Vihan made a powerpoint presentation for his college project and submitted it to his professor. The professor asked him to add some more slides. Vihan added the slides and submitted the presentation again.

and has left some comments for him.

Which of the following things Vilnius cannot do to its people?

- A. ○ He cannot merge his own ppt with the presentation.

He cannot review the changes without respect.

B. He cannot roll-back the changes made by his menu.

D.  None of the mentioned options

"The page which appears when the user opens the website?

**Q 60** What is  
Ops: A.  Absolute Page

## Sections

Q 56

- In the Diagram group, under the INQUIRE tab, which of the following types of diagrams are available?
1. Workbook relationship
  2. Row/Column relationship
  3. Cell relationship
  4. Data relationship

Choose the correct answer from the options given below.

- Ops:
- A.  Only 1, 2 & 3
  - B.  Only 1 & 4
  - C.  All 1, 2, 3 & 4
  - D.  Only 1 & 3

reset answer

00 : 29 : 05

Q 57

Tenzin is having a presentation in his school. He is using MS Powerpoint to build up his presentation. In order to make his presentation look attractive, he is looking to add some of the file formats to his power point shows.

The file formats which he wants to add are:

- I: XPS
- II: JPG
- III: THMX
- IV: PPA

The file formats that he won't be able to add among the above file formats are:

- Ops:
- A.  III
  - B.  None Of the mentioned options
  - C.  II & IV
  - D.  III & IV

## Sections

Q 53 Rohit, CEO of ABC Research wants to calculate the average number of people who visited different cities of Rajasthan in the month of January. Options

- Ops: A.  All of the mentioned options
- B.  =SUM(C2:C6)/5
- C.  =C2/5+C3/5+C4/5+C5/5+C6/5
- D.  =AVERAGE(C2:C6)

00 : 29 : 18

1 2

3

4

5

6

Q 54 In MS-Excel's macro program, a character can be any of the following except:

Ops: A.  A

B.  \$

C.  -

D.  8

reset answer

Q 55 A Word document is being prepared by Charles. He needs to use sound in the document, he got to know that MS word allows embedding of media. In which of the following sections is there an option available for embedding a sound file?

Q 55 A Word document is being prepared by Charles. He needs to use sound in the document, he got to know that MS word allows embedding of media. In which of the following sections is there an option available for embedding a sound file?

Ans: A.  Task bar

## Common Applications and MS office

1

2

3

4

5

6

Q 51 A modem is connected to:

- Ops: A.  a VGA  
B.  a digital connector  
C.  a monitor  
D.  a telephone line

reset answer

Q 52 What is the difference between Memory and Storage?

- Ops: A.  Memory is Read Only

B.  Memory is temporary while Storage is permanent.

C.  Both are the same

D.  Memory is slow and Storage is fast.

reset answer

Q 53 Rohit, CEO of ABC Research wants to calculate the average number of people in each family. He has the following data:  
correct answer from the options given below.

- Ops: A.  All of the mentioned options

**Sections****1      2      3****4****5      6**

- Q 49** If  $f(m) = km^2 - 4m + 3k$  is divisible by  $m - 3$ , then find the value of  $k$ .
- Ops: A.  -1  
B.  -2  
C.  0  
D.  1

- Q 50** John is employed for 40 days on the condition that he receives \$10 for each day he works and loses \$2 for each day he is absent. If he earned a total

- Ops: A.  12  
B.  8  
C.  10  
D.  6

**4 Common Applications and MS office**

0 out of 12 questions attempted. Attempted

12 questions, 1 marks

18 questions, 1 marks

**5 Pseudo Code**

0 out of 18 questions attempted. Attempted

18 questions, 1 marks

**Sections**

**Q 47** What is the central angle of the sector corresponding to the expenditure incurred on Royalty?

- Ops: A.   $45^\circ$   
B.   $72^\circ$   
C.   $60^\circ$   
D.   $36^\circ$

**3**

**4**

**Q 48** Paul's age exceeds that of his wife by 4 years. 10 years ago, the ratio of their ages was  $10 : 9$ . Find the present age of Paul's wife.

- Ops: A.  40 years  
B.  46 years  
C.  48 years  
D.  50 years

**5**

**Q 49** If  $f(m) = km^2 - 4m + 3k$  is divisible by  $m + 3$ , then find the value of  $k$ .

- Ops: A.  -1  
B.  -2  
C.  0  
D.  1

00 : 39 : 03

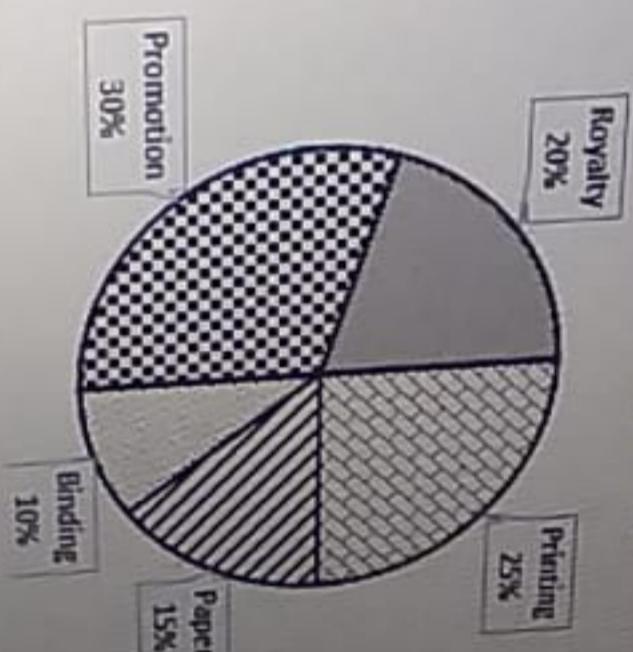
**Q 50** John is employed for 40 days on the condition that he receives \$10 for each day he works and loses \$2 for each day he is absent. If he gets a total sum

## Sections

00 : 39 : 11  
Date \_\_\_\_\_  
Page \_\_\_\_\_

The chart given below represents the percentage distribution of various expenditures incurred in publishing a book.

**Percentage distribution of expenditures incurred in publishing a book**



**Q 46** If the total cost incurred on publishing a book is \$1000, then how much the publisher has to pay for printing cost?

Ops: A.  \$150

B.  \$250

C.  \$300

D.  \$200

**Q 47** What is the central angle of the sector corresponding to the expenditure incurred on Royalty?

Ops: A.   $45^\circ$

**Sections**

00 : 39 : 21

1      2      3

4      5      6

**Q 43**

In an election among three contestants Ben, Carl, and Mark, Ben gets half of the votes of Carl. Mark beats Carl by 50000 votes. Carl has less than 10% of the total votes. Find the number of votes won by Ben, if every vote casted was valid and not given to anyone except the three three candidates.

- Ops: A.  60000  
B.  300000  
C.  350000  
D.  40000

**Q 44** Christina made a profit of 22% on selling a shirt at \$244. Find the cost price of the same dress.

- Ops: A.  240

B.  120

C.  200

D.  350

**Q 45** The population of a town XYZ was 22,000 in 2018, and it was increased by 10% in 2019. Find the population in 2019.

- Ops: A.  24200  
B.  24400  
C.  21200  
D.  23200

The chart given below represents the percentage distribution of various expenditures incurred in publishing a book.

**Sections**

**1**

**2**

**3**

**4**

**5**

**6**

**Q 40**

If Steven's total score was 64, then which of the following

- can be the number of questions he attempted?
- Ops: A.  36
  - B.  38
  - C.  40
  - D.  33

**Q 41**

The cost price and marked price of an articles are \$275 and \$350. The discount offered on the articles was 15%. Find the profit percentage incurred in selling.

- Ops: A.  6.87%

- B.  04.36%

- C.  6.67%

- D.  5.25%

**Q 42** Angela, Molly and Hailey can complete a job in 6 days, 8 days and 10 days respectively. They work together and complete it. If their total wage is \$960, then find Hailey's wage.

- Ops: A.  \$3000

- B.  \$2400

- C.  \$4000

- D.  \$1800

**Q 43** In an election among three contestants Ben, Carl, and Mark, Ben gets half of the votes of Carl. Mark beats Carl by 300000 votes. Carl beats Ben by 170000

**Sections****1****2****3****4****5****6**

Jack	31
Steven	
Peter	
Justin	17
James	30

**Q 38** If Jack had the highest net score, then at most how many mistakes did he do?

- Ops: A.  2  
B.  5  
C.  3  
D.  None of the mentioned options

**Q 39** Which of the following represents the correct range of the total score of Peter?

- Ops: A.  -83 to 82  
B.  -83 to 66  
C.  76 to 83  
D.  66 to 76

**Q 40** If Steven's total score was 64, then which of the following can be the number of questions he attempted?

- Ops: A.  36

## Sections

00 : 39 : 50

Q 37

If Sam and Mark run towards each other starting from P and Q respectively with respective speeds of 4 kmph and 6 kmph. After meeting each other, Sam takes 17.5 hours more than the square root of magnitude of the total time (in hours) taken by Mark to reach P, had the distance between P and Q

- Ops: A.  160 km  
B.  150 km  
C.  158 km  
D.  164 km

1      2

3

4

5

6

Six students Nathan, Jack, Steven, Peter, Justin, and James wrote a test which has 50 questions in total. Each correct answer is given 1 mark while for each wrong answer, two marks are deducted. One mark is deducted for each question left unanswered. The following table gives all the details.

Study the table carefully and answer the questions that follow:

Student	Attempted	Unattempted	Correct	Total Marks
Nathan				69
Jack	31		30	
Steven				
Peter				
Justin			23	
James	30		45	

Q 38 If Jack had the highest net score, then at most how many mistakes did he do?

- Ops: A.  2  
B.  5  
C.  3

Tom, Steve and Bruce divide a work amongst themselves in the ratio of 4 : 5 : 11. Their rates of work are in the ratio 3 : 5 : 7. In how many days will they complete his part. What is the amount of work completed by them in 20 days from the start?

- Ops: A.  31/80  
B.  31/40  
C.  31/60  
D.  31/120

3

4

Q 36 Lincoln, a salesman, recorded his sales for five days of a week. His sales are \$1500 per day for the first three days and \$1200 per day for the last two days. Find his daily average sales over this period.

- Ops: A.  \$1450  
B.  \$1250  
C.  \$1380  
D.  \$1220

5

6

Q 37 Sam and Mark run towards each other starting from P and Q respectively with respective speeds of 4 kmph and 6 kmph. After meeting each other, D reaches Q if Sam takes 17.5 hours more than the square root of magnitude of the total time (in hours) taken by Mark to reach P. Find the distance between P and Q.

- Ops: A.  160 km  
B.  150 km  
C.  158 km  
D.  164 km

**Sections**

Q 32 From the Response Figure (1), (2), (3) and (4) identify the one which follows the sequence given in the Problem Figure.

**PROBLEM FIGURE:**

1      2

3

4

5

6

**RESPONSE FIGURE:**

(1)      (2)      (3)      (4)

Ops: A.  (3)  
B.  (4)  
C.  (2)  
D.  (1)

Q 33 If in a certain code language, "ECONOMICS" is coded as "FXQWAVWXX", then how would "PRODUCTY" be coded in the same code language?  
Ops: A.  QEEPMYNGF  
B.  QEEPMYNG  
C.  QEEPMYNGN  
D.  QEEPMYNGN

2

**Q 29** If a feeding bowl had nine treats in front of it, then which toy is placed by Hanuk in that feeding bowl?

- Ops: A.  Pencil  
B.  Twig  
C.  Star  
D.  Apple

5

6

**Q 30** The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict common knowledge.

**Statements:**

- I. Some tables are cards.
- II. All cards are boxes.
- III. Some boxes are tissues.

**Conclusions:**

- I. Some tables are boxes.
- II. Some tissues are boxes.

Ops: A.  Both conclusion I and conclusion II follow

B.  Only conclusion I follows

**Sections****Read the information given below carefully and answer the questions that follow.**

Janice is training her Shiba Inu, Haruki to think smartly by a game. There are ten feeding bowls. In front of each feeding bowl there are different numbers of treats - six, seven, eight, nine, and ten. There are ten stuffed toys - Shades, Twig, Pencil, Star, and Apple. Haruki has to put each toy in the corresponding bowl in order to eat the treatos in front of the feeding bowl, irrespective of he is right or wrong.

The following is known about the final arrangements made by Haruki.

1. Haruki ate six treato after placing the Shades in the feeding bowl.
2. Twig wasn't placed in the bowl which had ten, nine or seven treatos in front of it.
3. Haruki placed Pencil in the feeding bowl which had one treato more than the feeding bowl where Twig was placed.
4. Star wasn't placed in the feeding bowl which had the highest number of treatos in front of it.

**Q 28** How many treatos did Haruki eat when he placed the Star?

- Ops: A.  ten  
B.  nine  
C.  seven  
D.  eight

**5**      **3**      **4**      **2**

**6**

**Q 29** If a feeding bowl had nine treatos in front of it, then which toy is placed by Haruki in that feeding bowl?

- Ops: A.  Pencil  
B.  Twig

4

- C.  1 NOR 2 AND 3  
D.  1 AND 2 AND 3

5

6

**Q 27** Find the missing term in the series given below.

52, 53, 56, ?, 92, 173

- Ops: A.  73  
B.  78  
C.  69  
D.  65

Read the information given below carefully and answer the questions that follow.

Janice is training her Shiba Inu, Haruki to think smartly by a game. There are ten feeding bowls. In front of each feeding bowl there are two sticks. One stick has a piece of meat on it and the other stick has a piece of bread on it. Haruki has to eat the meat and leave the bread. She has to do this for all the ten bowls. If she does this correctly, she gets a reward. This is how Janice is training her dog.

4

5

6

**Q 25** In which of the following cases candidates application would be rejected?

**Ops:** A.  75% in 12th

B.  70% in B. Tech.

C.  85% in 10th

D.  40 score in interview

**Q 26** Which of the following is the correct condition for getting hired?

1. 85% in 10th

2. 50% in B. Tech.

3. 70 score in interview

**Sections**

1

2

3

4

5

6

Call for interview

YES

Score in interview  
should be  $>50$   
and  $<80$ ?

NO

Candidate  
Rejected

YES

Candidate  
selected

Releasing  
offer letter

Sections

1

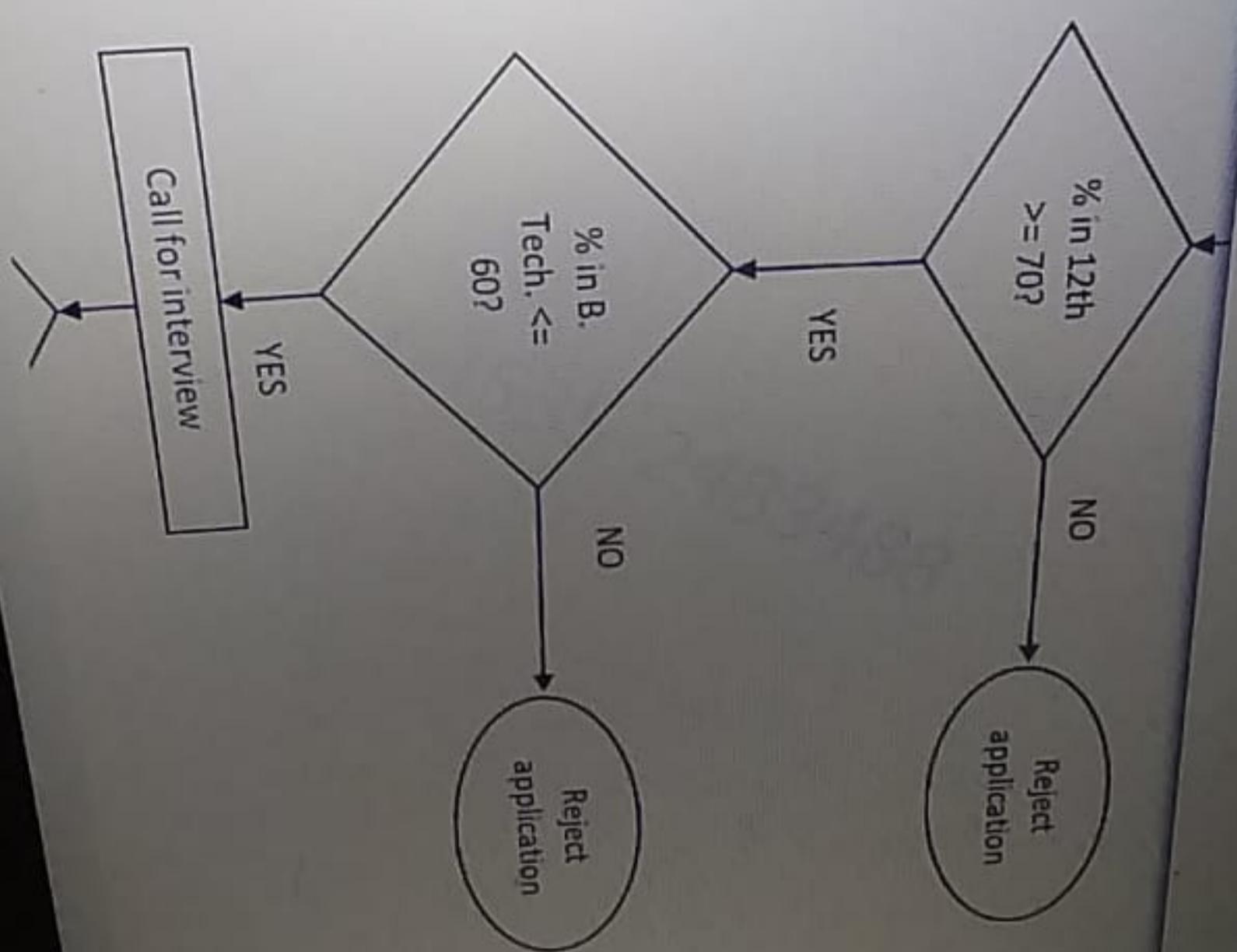
2

3

4

5

6



Topics / 29824

00 : 55 : 41

**Sections**

**1**

**2**

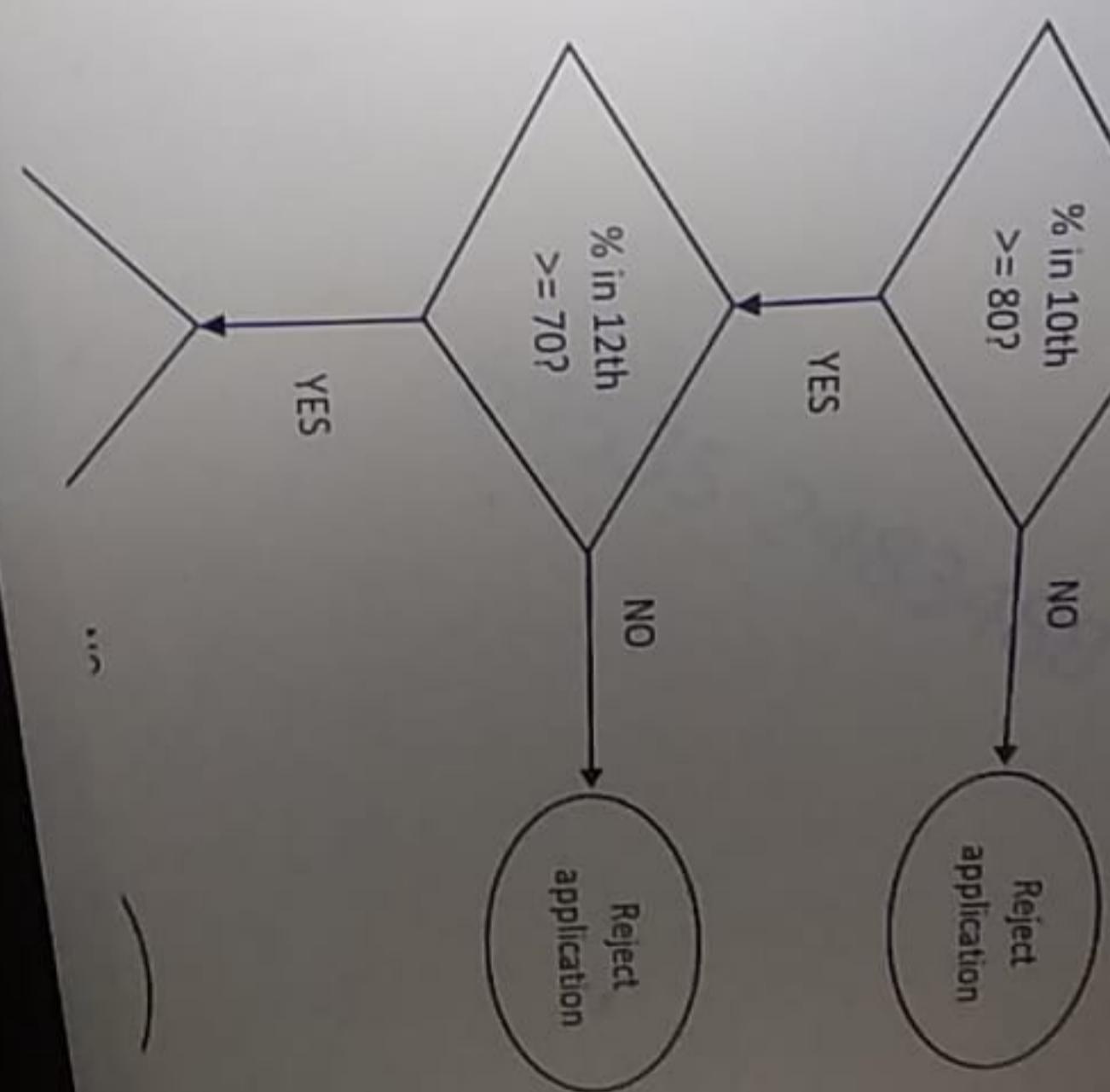
**3**

**4**

**5**

**6**

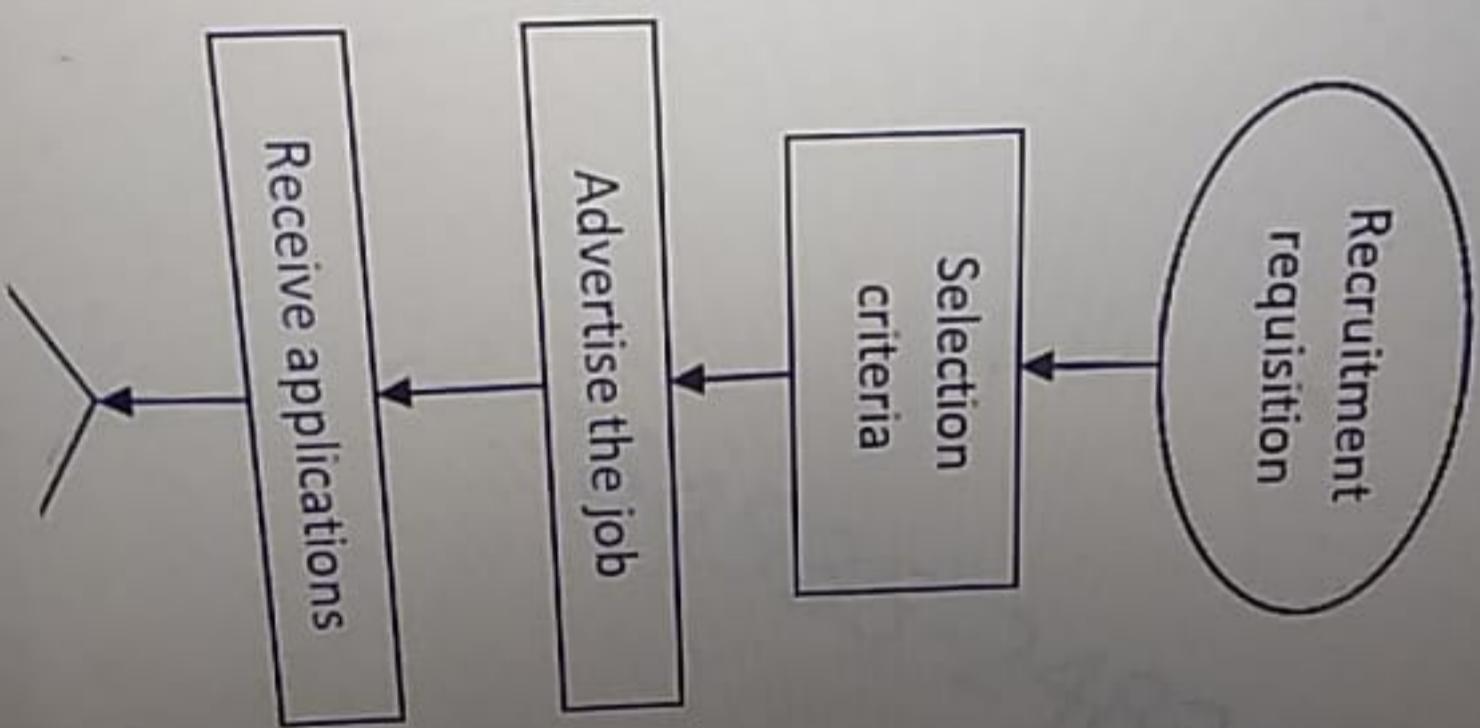
Receive applications



00:55:49

Study the flowchart given below and answer the questions that follow.

## **RECRUITMENT PROCESS**



**1****2****3****4****5****6****Q 24**

The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statements logically.

**Statements:**

- I. All umbrellas are jars.
- II. No jar is a dagger.

**Conclusions:**

- I. No umbrella is a dagger.
- II. No dagger is a jar.

**Ops:** A.  Only conclusion II followsB.  Only conclusion I followsC.  Both conclusion I and conclusion II followD.  Neither conclusion I nor conclusion II follows

Study the flowchart given below and answer the questions that follow.

## RECRUITMENT PROCESS

## Sections

Q 21

The question given below is followed by two statements numbered I and II. Determine if the statements are, individually or together, sufficient to answer the question.

1

2

3

4

5

6

**Ops:** A.  Only one of the statements, alone, is sufficient to answer the question but other statement is not.

B.  Each statement alone is sufficient to answer the question

C.  Both statements I and II together are sufficient to answer the question asked but neither statement alone is sufficient.

D.  Statements I and II together are not sufficient to answer the question asked and additional data to the problem is needed.

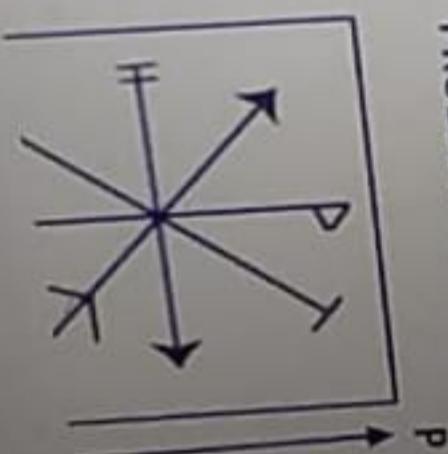
**Question:** Mellisa has a triangular flower bed with sides  $x$ ,  $y$ , and  $z$ . What is the area of the flower bed (in  $\text{sq. meters}$ )?

**Statements:**

I.  $y = 5$

II.  $x + y + z = 30$

**PROBLEM FIGURE:**



**Q 22** From the Response Figure (1), (2), (3) and (4) identify the one which would be seen as the mirror image of the problem figure if the mirror is placed along the line PQ.

2

3

4

5

6

**Q 12**

The passage is primarily concerned with:

- Ops:**
- A.  Recommending breeds of dogs with the most wolf-like characteristics
  - B.  Tracing the origins of dogs and their relationship with humans
  - C.  Following scientific evidence in proving that dogs descend from wolves
  - D.  Analysing the relationship between humans and animals

**Q 13** State whether the following statement is true or false.

Dogs were once predators for humans.

**Ops:** A.  Cannot be determined

B.  TRUE

C.  FALSE

reset answer

**Q 14** Mark the option which is closest in meaning to the word given below.

- C.  spoken
  - D.  known

**Q 10** Fill in the blank with the most suitable word.

I \_\_\_\_\_ my lunch each day.

Ops: A. ○ finishes

B. ○ am finishing

C. ○ finish

D. ○ finishing

Read the passage given below and answer the questions that follow.

After more testing it was determined that the wolf bone did contain a portion of DNA from a wolf. This was especially interesting to scientists because having a dog here today that is connected to a wolf that went extinct millions of years ago is quite remarkable. While the evidence looks promising, a ton of research is still needed to say definitely that all dogs descend from wolves. In the meantime, we can continue to study the genes of domesticated dogs to see if they can put together a realistic idea of how the relationship between dogs and wolves began.

**1**

**Q 8** Choose the best replacement for the underlined part of the sentence.

I have lot of experience in marketing.

Ops:

- A.  I have lot of experiences
- B.  I have a lot of experience
- C.  I have a lot of experiences
- D.  I have lot of experience

**2**

**Q 9** Fill in the blank with the most suitable option.

She has been \_\_\_\_\_ to lie for no reason.

**3**

Ops:

- A.  looked
- B.  packed
- C.  spoken
- D.  known

**4**

**Q 10** Fill in the blank with the most suitable option.

**1**

**Q 6**

The sentences given below form a coherent passage when arranged logically. Choose the option which gives the correct sequence.

- (1) You see, she has been at the top of her industry for almost a decade, so she has seen all kinds of issues come up and get resolved.
- (2) I am certain Anita will have a solution to your problem.
- (3) And I'm not saying this because I get a commission from her for recommending her services.
- (4) When you have this much experience, you can be relied upon to know what course of action is better in most situations.

Ops: A.

B.  2 3 1 4

C.  1 2 3 4

D.  2 3 4 1

**2      3**

**4**

**5**

**Q 7**

Choose the best replacement for the underlined part of the sentence.

I'm sorry I forgot accounting for delays while calculating a travel time.

Ops: A.  I forgot accounting of

B.  I forgot keeping an account for

C.  I forgot to account

D.  I forgot to account for

Reset answer

[Reset answer](#)**1****Q 5**

Fill in the blank with the most suitable option.

**2**

The leg of the chair was sawed \_\_\_\_\_ and refashioned into a nice candlestand.

**Ops:**

A.  over

B.  on

C.  in

D.  off

**3****4****5**

**Q 6** The sentences given below form a coherent passage when arranged logically. Choose the option which arranges them correctly.

(1) You see, she has been at the top of her industry for almost a decade, so she has seen all kinds of

(2) I am certain Anita will have a solution to your problem.

(3) And I'm not saying this because I get a commission from her for recommending her services.

**6**