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ne	iON Digital Zone iDZ 1 Mathura Road
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	4:30 PM - 6:30 PM
	TGT Computer Science

areness

following is correct about sound?

I Intensity – Loud sound
II Frequency – Low pitch

- I
- Neither I nor II
- II
- I and II

Question ID : 54062618632

following pair of instrument – type is correct?

I Sitar – stringed instrument
II Harmonium – wind instrument

- Neither I nor II
- I and II
- II
- I

Question ID : 54062618627

Time lag from Gujarat to Arunachal Pradesh?

- 1 hour
- 2 hours
- 30 minutes
- 45 minutes

निम्नलिखित में से कौन सा वृक्ष पाया जाता है?

- II
- III
- I III
- था III

Question ID : 54062618633

न के कौन से संशोधन ने दिल्ली को विधानसभा दी थी?

Question ID : 54062618642

गुण जिससे उन्हें खींचकर तारों में परिवर्तित किया जा सकता है को _____ कहलाता है।

- II
- ले
- नवर्धनीयता
- II

Question ID : 54062618631

Following statements is NOT true about Reserve Bank of India?

can affect the reserve deposit ratio of commercial banks by adjusting the value repo rate.

acts as the monetary authority of the country

is the independent authority for conducting monetary policy in the best interests of the country.

regulates the money supply in the economy against external shocks.

Question ID : 54062618629

जारी हुए ग्लोबल एनर्जी ट्रान्सिशन इंडेक्स में भारत का स्थान क्या था?

Nobel Peace Prize 2020?

r Handke

d Food Programme

Ahmed Ali

I

Question ID : 54062618640

ठन के संदर्भ में स्थान - वर्ष का निम्नलिखित में से कौन सा युग्म सही है?

373

9

I ना ही II

II दोनों

I

II

Question ID : 54062618637

Id medals did India won in 2018 Commonwealth games?

Question ID : 54062618644

न का कौन सा अनुच्छेद राज्यों के विधान-मंडल की अवधि से संबंधित है?

Question ID : 54062618643

Following is/are the policy instrument of Reserve Bank of India?

Repo Rate
Rate

and III

d III

I II

ed in Gujarat.

angal Fort

ota Fort

an Ghari's Tomb

arh Fort

Question ID : 54062618626

following pair of Battle and their year is/are correct?

xar – 1764

assey – 1757

I and II

I

II

ner I nor II

Question ID : 54062618638

ई, जब बिंब अनंत पर रखा जाता है तो प्रतिबिंब किस स्थान पर बनता है?

पर

र

पर

र

Question ID : 54062618630

en the book "Moving On Moving Forward : A Year in Office"?

mohan Singh

caiah Naidu

Jaitley

ohar Parrikar

Question ID : 54062618639

y has won the first ever FIFA World Cup?

il

ce

uay

ico

Question ID : 54062618645

3 first Mughal Emperor in India.

ayun

ar

ajahan

ar

Question ID : 54062618636

से कौन सा भारत का एक अभ्रक उत्पादन क्षेत्र है?

था III

III

II

I III

Question ID : 54062618635

ility

1-पश्चिम हो जाता है तथा दक्षिण-पूर्व उत्तर हो जाता है, तो पश्चिम क्या हो जाएगा?

पश्चिम

पूर्व

I-पूर्व

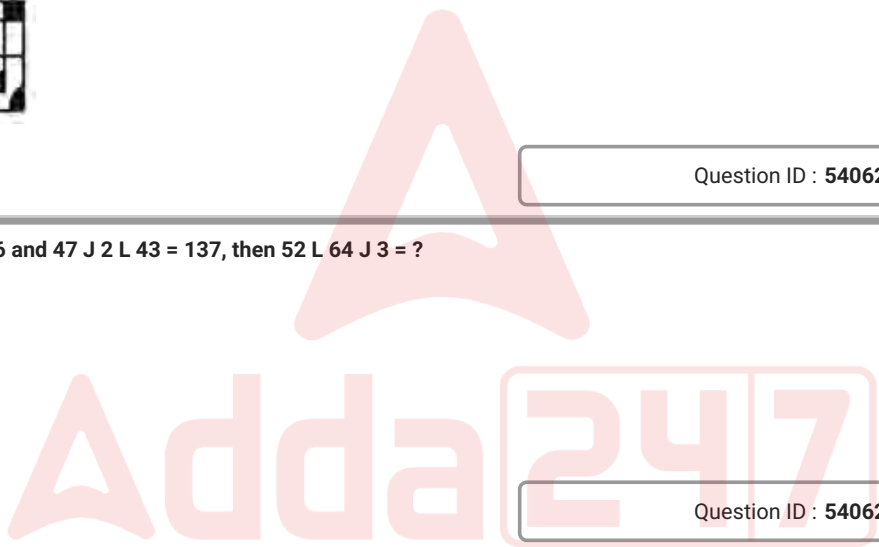
Question ID : 54062618661

placed on the line AB, then which of the answer figures is the right image of the



Question ID : 54062618665

= 186 and $47 J 2 L 43 = 137$, then $52 L 64 J 3 = ?$



Question ID : 54062618658

P, R, S, T, U, V, W and X are sitting around a circular table facing towards the center (not necessarily in the same order). U is fourth to the right of P. P is third to the right of T to the left of Q. S is third to the left of X. R is third to the right of W. T is second to the left of V.

Which of the following statement(s) is/are not correct?

- I. P and R are not the immediate neighbours.
- II. S is the mediate neighbour of Q and U.
- III. T is second to the right of P.
- IV. W is second to the left of U.

Options: I and IV

Options: II

Options: III and IV

Options: II and IV

...ren with one term missing. Select the correct alternative from the given ones
...lete the series.

... , HODY, BOLA, ?

B

C

C

B

Question ID : 54062618647

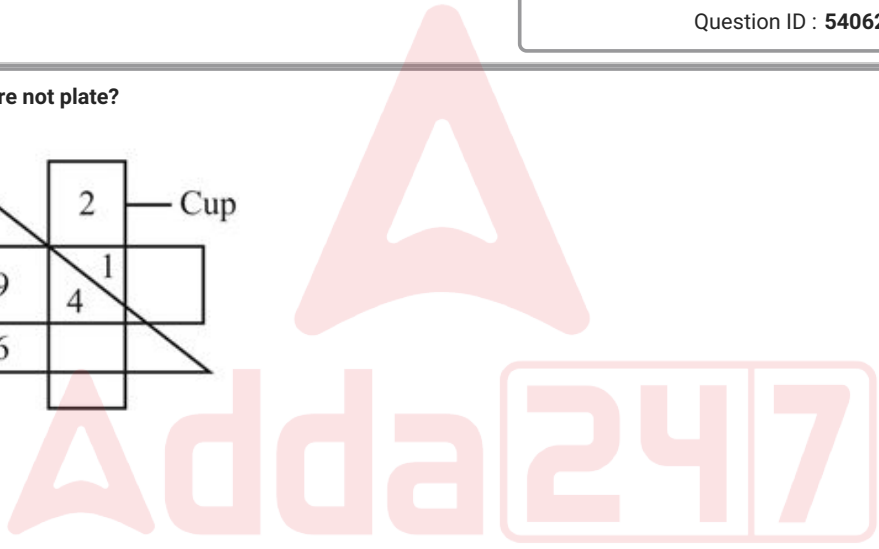
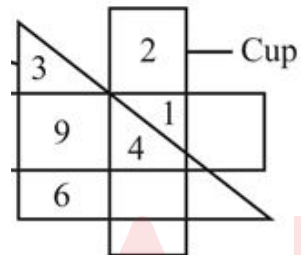
...ode language, 'I want it all' is written as 'lo pq rf fj', 'It all depends' is written as
...t is the code for 'it, all' in that code language?

/

/

Question ID : 54062618651

...igs are not plate?



Question ID : 54062618659

...ren with one term wrong. Select that wrong term from the given alternatives.

...E, JFL, MJS

For each question, select the number which can be placed at the sign of question mark from the given alternatives.

2	27
1	36
2	?

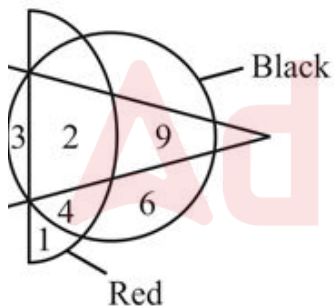
Question ID : 54062618657

For each question, select the related letters from the given alternatives.

ABC : ?

Question ID : 54062618649

For the given venn diagram, which of the following statement(s) is/are correct?



The number of black cars are 24.
Region 2 represents those cars which are only black.

- I
- II
- I and II
- Neither I nor II

Question ID : 54062618660

ओर संकेत करते हुए, समीर ने कहा, "वह मेरे पिता की एकमात्र पुत्री है"। समीर उस लड़की से धित है?

Question ID : 54062618652

ig question below are given some statements followed by some conclusions
e statements. Taking the given statements to be true even if they seem to be
om commonly known facts. Read all the conclusions and then decide which of
clusion logically follows the given statements.

: Y.

conclusion II follows

conclusions I and II follows

ner conclusion follows

conclusion I follows

Question ID : 54062618655

ig question, select the related letter pair from the given alternatives.

:: ?

IB : AWUY

T : VQGM

Y : PZJB

G : KRSX

Question ID : 54062618650

In the following question below are given some statements followed by some conclusions. Assume the statements to be true even if they seem to be contrary to some commonly known facts. Read all the conclusions and then decide which of the conclusions logically follows the given statements.

F.

Conclusion I follows

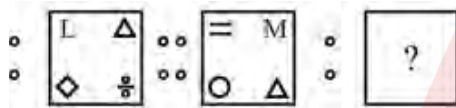
Conclusion III follows

Conclusions I and III follow

Conclusions I and II follow

Question ID : 54062618656

Given on the left side of (::) are related with some logic/rule/relation. Select the one on the right of (::) from the given alternatives based on the same relation.



- $\begin{matrix} O \\ = \end{matrix}$
- $\begin{matrix} O \\ \triangle \end{matrix}$
- $\begin{matrix} O \\ = \end{matrix}$
- $\begin{matrix} O \\ \nabla \end{matrix}$

Question ID : 54062618663

F1, F2, F3, F4, F5 and F6, are sitting in a straight line facing towards north. F1 is a doctor, F2 is an engineer, F3 is a lawyer, F4 is a manager, F5 is a cricketer and F6 is a boxer (not necessarily in that order). Only one person sits between F2 and cricketer. F4 sits at the third place from F3. Only two persons sit between boxer and lawyer. Only one person sits between cricketer and doctor. F4 is an engineer. F6 is a manager. Boxer sits at right end. F5 is a neighbor of F4. Which of the following is correct?

F5 sits at the second place to the right of F2

F3 sits at the third place to the left of engineer

In the following question, select the odd word from the given alternatives.

- 1. Bird
- 2. Deer
- 3. Tiger
- 4. Lion

Question ID : 54062618648

A person walks 14 km towards north. She turns right and walks 22 km. She turns right and walks 10 km. She turns left and walks 26 km. She finally rotates by an angle of 90 degrees in the same direction and walks 24 km. How far and in which direction is her starting point from her finishing point?

- 1. 10 km, south-east
- 2. 10 km, north-west
- 3. 10 km, south-west
- 4. 10 km, north-west

Question ID : 54062618662

Which of the following figure will complete the pattern in the question figure?



- 1. A square with a solid black square in the top-right quadrant and a circle with a dot in the center in the bottom-left quadrant.
- 2. A square with a solid black square in the top-left quadrant and a circle with a dot in the center in the bottom-right quadrant.
- 3. A square with a solid black square in the top-left quadrant and a circle with a dot in the center in the bottom-left quadrant.
- 4. A square with a solid black square in the top-right quadrant and a circle with a dot in the center in the bottom-right quadrant.
- 5. A square with a solid black square in the top-right quadrant and a circle with a dot in the center in the bottom-left quadrant.

Question ID : 54062618664

Area of a cone is 1386 cm^2 . Height of the cone is 54 cm. If cone is melted to form a sphere of radius 3 cm, then how many spheres will be formed?

Question ID : 54062618682

The value of $\left(-\frac{1}{512}\right)^{-\frac{1}{3}}$?

Question ID : 54062618666

Two numbers are in the ratio of 2 : 3. If their sum is 20, then what is the sum of the squares of these numbers?

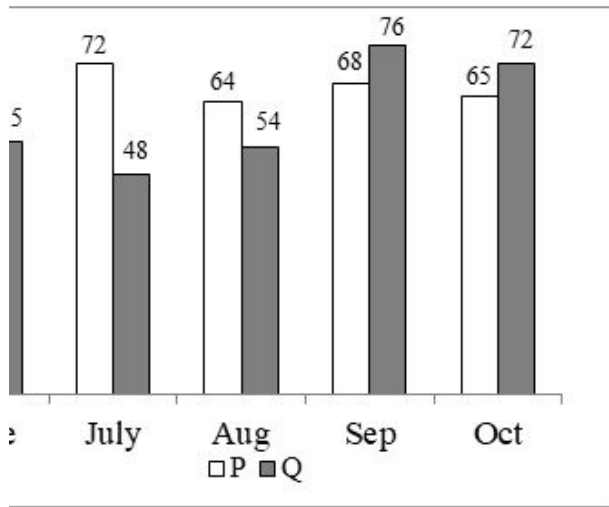
Question ID : 54062618675

How many numbers from 1 to 300 are divisible by 7?

Question ID : 54062618667

A, B and C can do a work in 12 and 18 days respectively. A, B and C together can do the work in 6 days. In how many days can C do the work alone?

The figure given below shows the production of soaps (in thousands) by two companies June to October.



Which of the following statement(s) is/are correct?
 I. The number of soaps produced by P in July is 28.5 percent more than Q in that month.
 II. The number of soaps produced by P in August is 18.5 percent more than Q in that month.

III. The total number of soaps produced by P and Q in September is 144000.

- I
- II
- III
- IV
- V

Question ID : 54062618685

The average of 10 numbers is 15. 2 is added to each number. What is the new average?



Question ID : 54062618671

The value of $(425)^2 \times 425 - 3 \times (425)^2 \times (25) + 3 \times (35)^2 \times 425 - (25)^2 \times 25$ is

Question ID : 54062618670

Tea of Rs. 130 per kg should be mixed with tea of Rs. 150 per kg so that on mixture at Rs. 162 per kg there is a profit of 20 percent?

Question ID : 54062618676

Highest Common Factor of 21.97, 15.21, 16.9, 18.59 and 20.28?

Question ID : 54062618669

Which of the following statement is correct?

A boat in still water is 8 km/hr. If its speed in downstream is 12 km/hr, then its speed in upstream is 10 km/hr.
A starts from point P at 8 am with speed of 50 km/hr. B starts from point P at 10 am with speed of 60 km/hr towards A. B will catch A at 2 pm.

I and II

II

I

Neither I nor II

Question ID : 54062618679

Two numbers is 578 and their Highest Common Factor is 17, then what is the difference between two numbers?

Question ID : 54062618668

The simple interest on a certain sum at the annual rate of 11 percent for 3 years is Rs. 132. What is the sum?

300

200

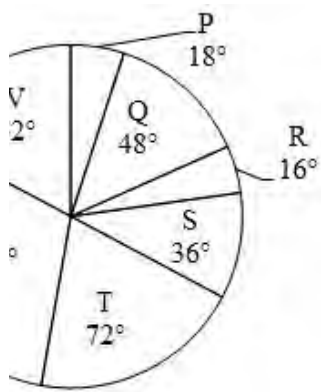
100

The area of a circle is equal to the perimeter of a square whose side is 88 cm. What is the area of circle?

- (A) 1 cm^2
- (B) 3 cm^2
- (C) 5 cm^2
- (D) 14 cm^2

Question ID : 54062618681

The pie chart below shows the salary given by a company to its seven employees. Total salary given by the company to all its employees is Rs. 720000 salary spent on a particular employee is shown in terms of degree with respect to the total salary spent on all these employees.



If total salary given to Q, R and S is J_2 and total salary given to T, U and V is J_1 , then the difference of salary of Q and R is J_3 .

What is the value of $(J_2 - J_1 - J_3)$?

- (A) 30000
- (B) 20000
- (C) 10000
- (D) 20000

Question ID : 54062618683

The cost price of article A is 2800 and it is sold for a profit of 16 percent. Cost price of article B is 2400 and it is sold for a loss of 8 percent. What is the ratio of selling price of A and B?

- (A) 91
- (B) 184
- (C) 86
- (D) 87

Question ID : 54062618674

आय का 30 प्रतिशत स्कूल को दान में दे देता है तथा शेष का 70 प्रतिशत अपने बैंक में जमा कर उसके पास 9765 रुपये हैं, तो अनिल की आय क्या है?

- 10 रुपये
- 10 रुपये
- 10 रुपये
- 10 रुपये

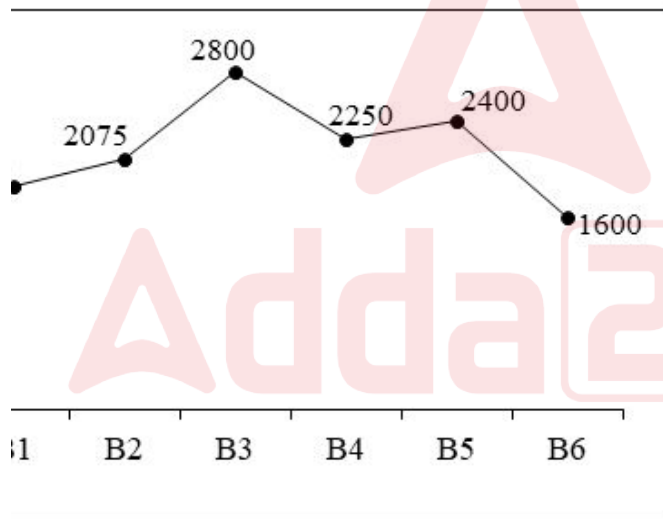
Question ID : 54062618673

It moves at the speed of 54 km/hr after repairing and moves at the speed of 36 km/hr before repairing. It covers a distance of x km in 6 hours after repairing. How much time will it take to cover a distance of 3x km before repairing?

- 9 hours
- 9 hours
- 9 hours
- 9 hours

Question ID : 54062618678

The following line graph shows the pocket money of six boys B1, B2, B3, B4, B5 and B6 in Rupees.



Which of the following statement(s) is/are correct?
 I. The pocket money of B2 is 5.25 percent less than the pocket money of B5.
 II. The pocket money of B4 is 6.25 percent less than the pocket money of B5.
 III. The total pocket money of all the six boys is Rs. 2262.5

- I
- II and III
- III
- II

में 5 जोड़ा जाये, तो संख्या अपना 112.5 प्रतिशत हो जाती है। संख्या क्या है?

Question ID : 54062618672

ndi

संज्ञा ज्ञात कीजिए।

वाचक संज्ञा

नाचक संज्ञा

नाचक संज्ञा

नाचक संज्ञा

Question ID : 54062618688

में, दिए गए चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए मुहावरे के अर्थ को व्यक्त करता है।

पंख गिनना

वी होना

डूँई प्रतिभा

का पर्दा दूर करना

समय गंवाना

Question ID : 54062618699

विलोम शब्द ज्ञात कीजिए।

ग

र

रण

Question ID : 54062618692

म का सही शब्द युग्म ज्ञात कीजिए।

क : बालि का पुत्र

ख : इत्र

ग : पुत्र

घ : भेद

Question ID : 54062618691

किस पक्ष का उदाहरण है, ज्ञात कीजिए।

आत्मक पक्ष

क :

Question ID : 54062618694

निम्नलिखित शब्द का चयन करके रिक्त स्थान की पूर्ति कीजिए।

जो आज सारे विश्व के सामने _____ समस्या बन गयी है।

क : ल

ख :

ग : रण

घ : मारण

Question ID : 54062618690

निम्नलिखित में से शुद्ध वाक्य का चयन कीजिए।

क : दिल्ली विश्वविद्यालय का कर्मचारियों को गिरफ्तार किया।

ख : विश्वविद्यालयों के एक कर्मचारियों की गिरफ्तार किया।

ग : विश्वविद्यालय का एक कर्मचारी गिरफ्तार हो गया।

घ : दिल्ली विश्वविद्यालय का कर्मचारी गिरफ्तार हो जाएगा।

Question ID : 54062618695

निम्नलिखित उपयुक्त विराम चिह्न का चयन कीजिए।

क :

ख : ेराम

ग :

उपयुक्त विराम चिह्न का चयन कीजिए।

गंदगी है।

राम

राम

गदिबोधक

चक

Question ID : 54062618697

से कौन सा शब्द नित्य एकवचन में ही प्रयुक्त होता है?

ग

ग

Question ID : 54062618693

में, दिए गए चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए मुहावरे के अर्थ को यक्त करता है।

का होना

र थोड़ा खर्च करना

लगना

की परवाह न करना

ब्रू होना

Question ID : 54062618700

म का सही शब्द युग्म ज्ञात कीजिए।

ः प्रेम

विवाह

ः विच्छेद

ः शत्रुता

Question ID : 54062618689

समास ज्ञात कीजिए।

समास

संधि ज्ञात कीजिए।

ज

न

ज

ज

Question ID : 54062618687

यों में से मिश्र वाक्य ज्ञात कीजिए।

क व्यक्ति चाहिए और वह मेहनत करता हो।

हनत करने वाला एक व्यक्ति चाहिए।

क ऐसा व्यक्ति चाहिए जो मेहनत करता हो।

क व्यक्ति चाहिए लेकिन वह मेहनत करता हो।

Question ID : 54062618696

न:

ध्यानपूर्वक पढ़िए और दिए गए प्रश्नों के उत्तर दीजिए।

ंत्रता के बाद ज़मींदारी उन्मूलन, भूमि सुधार जैसे कदमों के चलते भारत में समतामूलक समाज के दान की। इससे छोटे व मध्यम स्तर के किसानों की सामाजिक-आर्थिक स्थिति में सुधार हुआ और इससे जनैतिक चेतना का विकास हुआ। हरित क्रांति के अंतर्गत आधुनिक तकनीक और खादों का करके भूमि पर अधिक से अधिक फसलें उगाने का प्रयास किया गया। इसके लिए जब बड़ी मात्रा में का प्रयोग किया गया तो भूमि की उर्वरक क्षमता कम हो गयी। सिंचाई के अधिक प्रयोग के कारण भूमि में बढ़ गयी। हरित क्रांति देश के कतिपय हिस्सों जैसे-पंजाब, हरियाणा, पश्चिमी उत्तर प्रदेश आदि में ही इन क्षेत्रों का तेजी से विकास हुआ लेकिन देश के अन्य क्षेत्र हरित क्रांति से वंचित रह गये। हमें हरित क्रांति थी थी, जब साठ के दशक के मध्य में अच्छी फसल नहीं हुई थी और अकाल के हालात पैदा हो गए थे, ली उद्देश्य था, भारत में राष्ट्रीय खाद्य सुरक्षा को सुनिश्चित करना और अगर सटीक रूप में कहा जाए तो व भारत को खाद्यान्न के उत्पादन में आत्मनिर्भर बनाना था। हरित क्रांति में मुख्यतः गेहूँ के उत्पादन पर ाया था। आज भारत खाद्यान्न के उत्पादन के मामले में राष्ट्रीय स्तर पर आत्मनिर्भर हो गया है व साथ ही ामले में विश्व का दूसरा सबसे बड़ा उत्पादक और चावल का सबसे बड़ा निर्यातक बन गया है।

No : 16

करने वाला विश्व का दूसरा देश कौन सा है?

र

Question ID : 54062618705

on:

ध्यानपूर्वक पढ़िए और दिए गए प्रश्नों के उत्तर दीजिए।

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No : 17

का उपयुक्त शीर्षक क्या होगा?

तथा राजनैतिक चेतना का विकास

उत्पादन

क-आर्थिक स्थिति

क्रांति

Question ID : 54062618706

on:

ध्यानपूर्वक पढ़िए और दिए गए प्रश्नों के उत्तर दीजिए।

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No : 18

के का मुख्य उद्देश्य क्या था?

की उर्वरक क्षमता कम करना

निक खादों का प्रयोग

न्न के उत्पादन में आत्मनिर्भरता

के तकनीकी का प्रयोग

Question ID : 54062618703

on:

ध्यानपूर्वक पढ़िए और दिए गए प्रश्नों के उत्तर दीजिए।

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No : 19

अकाल के हालात पैदा हो गए थे?

1950 के दशक

1960 के दशक

1970 के दशक

1980 के दशक

Question ID : 54062618702

on:

ध्यानपूर्वक पढ़िए और दिए गए प्रश्नों के उत्तर दीजिए।

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No : 20

अकाल के कारण भूमि में कैसी स्थिति उत्पन्न हो गयी थी?

1950 की मात्रा अधिक

1960 ल के हालात

1970 क्षमता कम

1980 नेक खादों की अधिक मात्रा

Question ID : 54062618704

parts of the sentence in correct order.

stic Age,
al segregation and their refusal to
rticularly in the 1st century BCE–1st century CE
used resentment among some
ge the gods worshiped by other

S

R

Q

R

Question ID : 54062618713

st appropriate option to substitute the underlined segment in the given
o substitution is required, select No improvement.

ot add cheese to my toast.

mprovement

ot adding

ot add

ot added

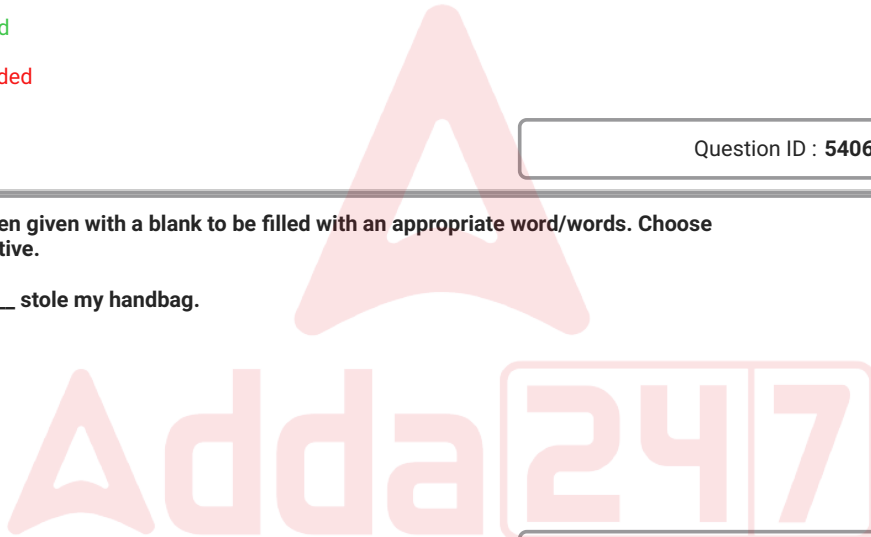
Question ID : 54062618710

as been given with a blank to be filled with an appropriate word/words. Choose
ternative.

l ____ stole my handbag.

h

m



Question ID : 54062618712

of the given sentence that has an error in it. If there is no error, choose 'No

tion policy must seek (1)/ a higher transition rate between(2)/ first university
degrees. (3)/ No error (4)

rrow

her transition rate between

er education policy must seek

university to doctoral degrees.

Question ID : 54062618708

Question, four words are given out of which one word is incorrectly spelt.
Select the correctly spelt word.

cal

onery

gual

umption

Question ID : 54062618718

For each question, out of the given four alternatives, select the alternative which best
represents the meaning of the Idiom/Phrase.

to

to be done

to become angry

to go away

to attempt something dangerous

Question ID : 54062618719

For each question, out of the given four alternatives, select the alternative which best
represents the meaning of the Idiom/Phrase.

to go down one's own canoe

to never give up

to struggle for recognition

to destroy one's chances

to depend on oneself alone

Question ID : 54062618720

Select the most appropriate option to substitute the underlined segment in the given
sentence. If no substitution is required, select No improvement.

83. She published her first book. What an inspiring!

That is a inspiring

No improvement

That is a inspiration

That is an inspiration

Question ID : 54062618709

as been given with a blank to be filled with an appropriate word. Choose the
ative.

W though a situation gets, you can always _____ it with your will power.

come

whelm

e

rt

Question ID : 54062618711

parts of the sentence in the correct order.

about their subject matter, ideally that provided by the medium in which they

l, they require that readers possess some basic background
and newsworthy political issues, and, in order for them to be
matter of political cartoon is usually that

Q

P

S

S

Question ID : 54062618714

ord that can substitute the given sentence.

e

e

n

r

Question ID : 54062618721

of the given sentence that has an error in it. If there is no error, choose 'No

r (1)/and will never take your (2)/suggestion on this project. (3)/No error (4)

ave never

will never take your

estion on this project.

rror

Question ID : 54062618707

Question, four words are given out of which one word is correctly spelt. Choose the correctly spelt word.

nationel

nationel

national

national

Question ID : 54062618717

Word that means the same as the given word.

rain

rain

rain

rain

Question ID : 54062618715

Word that is opposite in meaning to the given word.

pendant

pendant

pendant

pendant

Question ID : 54062618716

on:

Read the passage carefully and answer the given questions.

In Massachusetts, black bears have expanded from a small isolated population in the Adirondacks to an estimated 4,500 bears across the state. Massachusetts is the most densely populated state in the nation, and human development is expanding, putting bears and people in close proximity to one another. How do black bears use populated areas? They are omnivorous opportunists with a good sense of smell, and can sniff out calorie-rich foods that often are found in developed areas, such as bird seed, pet food, garbage and even agricultural crops. These foods may be especially attractive to bears before and after hibernation, when the animals are living solely on stored fat.

During hibernation in the fall, bears enter a metabolic state called hyperphagia – literally, hyperphagia – in which they consume 15,000 to 20,000 calories a day. That's roughly equivalent to eight large cheese pizzas or five gallons of chocolate ice cream. During hibernation bears can lose up to one-third of their body weight. And after they emerge from hibernation in springtime, natural foods are typically scarce until plants start to leaf out.

Energy requirements during these phases can drive their behavior. After analyzing data from 76 black bear GPS collars across central and western Massachusetts, it was seen that black bears moved around more in daytime than at night, and spent more time in forests and developed areas during the day. However, we also found that in spring, when the bears had increased caloric demands, they altered their natural daily routine and moved through human-developed areas at night.

No : 16

Which of the following statements is NOT true according to the given passage?

(A) During hibernation black bears tend to gain more weight due to calorie-rich food.

(B) Black bears have good sense of smell and can track calorie-rich food around them.

(C) While going in the hibernation phase, black bears consume lots of food.

(D) When the bears have increased caloric demands, they move out at the night in the forest.

Question ID : 54062618726

on:

Reading passage carefully and answer the given questions.

In Massachusetts, black bears have expanded from a small isolated population in the Adirondacks to an estimated 4,500 bears across the state. Massachusetts is the most densely populated state in the nation, and human development is expanding, putting bears and people in close proximity to one another. How do black bears use populated areas? They are omnivorous opportunists with a good sense of smell, and can sniff out calorie-rich foods that often are found in developed areas, such as bird feed, pet food, garbage and even agricultural crops. These foods may be especially attractive to bears before and after hibernation, when the animals are living solely on stored body fat.

In preparation for hibernation in the fall, bears enter a metabolic state called hyperphagia – literally, hyperphagia – in which they consume 15,000 to 20,000 calories a day. That's roughly equivalent to eating eight large cheese pizzas or five gallons of chocolate ice cream. During hibernation bears can lose up to one-third of their body weight. And after they emerge from hibernation in springtime, natural foods are typically scarce until plants start to leaf out.

Researchers studying energy requirements during these phases can drive their behavior. After analyzing data from 76 black bear GPS collars across central and western Massachusetts, it was seen that black bears moved around more in daytime than at night, and spent more time in forests and developed areas during the day. However, we also found that in spring, when the bears had increased caloric demands, they altered their natural daily routine and spent more time moving through human-developed areas at night.

No : 17

Read the passage and answer the question. Which of the following is NOT mentioned as an energy requirement during these phases can drive their behavior? Which author talking about here?

Black bears are hungry

Black bears wake up from hibernation

Black bears are hibernating

Black bears are in hyperphagia

Question ID : 54062618724

on:

ving passage carefully and answer the given questions.

etts, black bears have expanded from a small isolated population in the
ntains to an estimated 4,500 bears across the state. Massachusetts is the
rsely populated state in the nation, and human development is expanding,
itting bears and people in close proximity to one another.
ack bears use populated areas? They are omnivorous opportunists with a good
l, and can sniff out calorie-rich foods that often are found in developed areas,
eed, pet food, garbage and even agricultural crops. These foods may be
active to bears before and after hibernation, when the animals are living solely
ly fat.

ation in the fall, bears enter a metabolic state called hyperphagia – literally,
ing – in which they consume 15,000 to 20,000 calories a day. That's roughly
eight large cheese pizzas or five gallons of chocolate ice cream.
ation bears can lose up to one-third of their body weight. And after they emerge
s in springtime, natural foods are typically scarce until plants start to leaf out

nergy requirements during these phases can drive their behavior. After
: data from 76 black bear GPS collars across central and western
is it was seen that black bear moved around more in daytime than at night, and
ns and developed areas during the day. However, we also found that in spring
the bears had increased caloric demands, they altered their natural daily
ve through human-developed areas at night.

No : 18

en passage, when does the black bear come out of the hibernation stage?

igtime

mn

mers

ers

Question ID : 54062618727

on:

ving passage carefully and answer the given questions.

etts, black bears have expanded from a small isolated population in the
ntains to an estimated 4,500 bears across the state. Massachusetts is the
rsely populated state in the nation, and human development is expanding,
itting bears and people in close proximity to one another.
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ns and developed areas during the day. However, we also found that in spring
the bears had increased caloric demands, they altered their natural daily
ve through human-developed areas at night.

No : 19

orrect synonym of the word 'meagre' from the given passage?

ce

ly

sume

Question ID : 54062618725

on:

ving passage carefully and answer the given questions.

etts, black bears have expanded from a small isolated population in the
ntains to an estimated 4,500 bears across the state. Massachusetts is the
rsely populated state in the nation, and human development is expanding,
itting bears and people in close proximity to one another.
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the bears had increased caloric demands, they altered their natural daily
ve through human-developed areas at night.

No : 20

imary purpose of the passage?

alyze the behavior of black bears during the night

plain the eating habits of black bears

escribe how black bears adapt to life near humans

aluate the decline in the number of black bear

Question ID : 54062618723

Adda247

Question ID : 54062618747

ft gun can take a maximum of 4 shots at an enemy plane moving away from
ilities of hitting the plane at the first, second, third and fourth shot are 0.6,
.2 respectively. What is the probability that the gun hit the plane?

4

4

4

If the determinant of the matrix $\begin{bmatrix} 1 & 3 & 0 \\ 2 & 6 & 4 \\ -1 & 0 & 2 \end{bmatrix}$ is $-P$, then what is the value of determinant of the matrix $\begin{bmatrix} 2 & 6 & 0 \\ 4 & 12 & 8 \\ -2 & 0 & 4 \end{bmatrix}$?

Question ID : 54062618728

Which data structure is used to indicate that the order of the processing of data must be maintained until other conditions are fulfilled?

- Stack
- Queue
- Priority Queue
- Linked List

Question ID : 54062618738

What is the worst case running time of quick sort algorithm?

- $O(n^2)$
- $O(n \log n)$
- $O(n)$
- $O(\log n)$

Question ID : 54062618739

In a private limited company, the minimum number of shareholders is _____.

- 2
- 3
- 4
- 5

Question ID : 54062618731

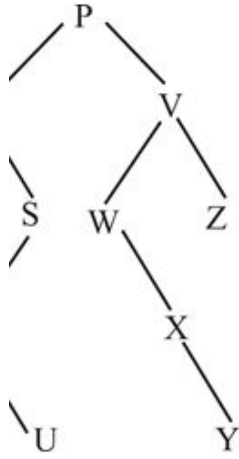
following new-order strategy for traversing a given tree.

ht subtree of a Node using new-order

ode

ift subtree of a Node using new-order

aw-order traversal of the given tree?



Y, X, W, P, S, U, T, Q, R

T, Q, R, Z, V, Y, X, W, P

T, U, S, P, W, X, Y, V, Z

X, Y, V, Z, R, Q, T, U, S

Question ID : 54062618742

ill form of FORTRAN computer programming language?

ula Translation

Translation

Transition

ula Transition

Question ID : 54062618733

shortcut key to find and replace action in MS-Word?

·H

·R

·D

·A

Question ID : 54062618732

Following is a typically interpreted language?

- I and II
- Neither I nor II
- II
- I

Question ID : 54062618735

Following C declaration. Assume that objects of data type short, float and long are 2, 4 bytes and 8 bytes respectively. What is memory requirement for variable

- 2 bytes
- 4 bytes
- 8 bytes
- 16 bytes

Question ID : 54062618744

Some main concepts that any language needs to support to be an object-oriented language. Which of the following is one of them?

- Encapsulation
- Inheritance
- Polymorphism
- All III
- I III
- I II

Question ID : 54062618736

Output of the code written in C?

```
int i = 10;
printf("%d", i);
```

total number of elements in a array E[-4 : 1, 6 : 10]?

Question ID : 54062618737

system that helps in sharing the files across the network is known as _____.

work operating system

sharing operating system

operating system

operating system

Question ID : 54062618746

Polish notation of the given infix expression?

(F * G)

A + B * C * D * E * F * G

A * B * C * D * E * F * G

A * B * C * D * E * F * G

A * B * C * D * E * F * G

Question ID : 54062618740

If $S_x^2 = S_y^2 = 45$, $S_{xy} = 41$ and $n = 5$, then what is the value of b_{yx} (regression

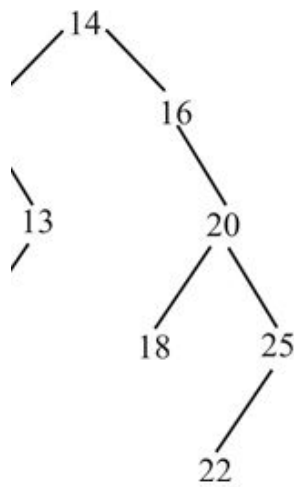
Question ID : 54062618729

resident components of an operating system are commonly known as the operating system.

- el
- tion
- nents
- ks

Question ID : 54062618734

Binary search tree given below.



Pre-order traversal of binary search tree after node 14 is deleted?

- 0, 7, 13, 11, 20, 18, 25, 22
- 1, 11, 13, 16, 18, 20, 22, 25
- 1, 10, 13, 11, 18, 22, 20, 25
- 0, 22, 18, 11, 13, 10, 16, 7

Question ID : 54062618743

Protocol is used for uploading and downloading files between different computers.

- NDM

Question ID : 54062618745

Following pair regarding sign bit is correct?

- I and II
- I
- II
- Neither I nor II

Question ID : 54062618757

Address lines and input-output data line are needed for the $64k \times 8$ memory unit?

- 16 address line, 3 data line
- 16 address line, 3 data line
- 16 address line, 8 data line
- 16 address line, 8 data line

Question ID : 54062618766

Which of the following is an Aggregate operator in Structured Query Language?

- Join
- Select
- Join
- Distinct

Question ID : 54062618765

Cardinality of Relation having 500 tuples and 50 attribute?

500

Question ID : 54062618760

Which of the following allows transmission in either direction but not simultaneously.

- Half-duplex
- Simplex
- Full-duplex
- Duplex

Question ID : 54062618748

Each only one bit changes between successive numbers is known as _____ code.

Bimining

Gray

Binary

Question ID : 54062618756

Which of the following symbols represent one to one cardinality relationship in Entity Relationship Diagram?

A

B

C

D

Question ID : 54062618763

Which of the following is correct regarding electric power?

A I^2R

B IV

C $2V$

D I^2R

Question ID : 54062618752

Which of the following works as follows:

A ON = lights on

B OFF = light off

C ON and other OFF = light on

D ON and other OFF = light off

E

Question ID : 54062618753

Which of the following is NOT an approach of database design in database management?

A Bottom up approach

B Top down approach

C Normalization

D Decomposition

registers R1 and R2 initially have the following values.

the content of R1 and R2 after execution of this micro-operation?

\oplus R2

Symbol of Ex-OR.

010, R2: 1100

1110, R2: 1100

0110, R2: 0110

010, R2: 0110

Question ID : 54062618767

Information processing is defined as the acquisition, storage, organization, retrieval, display and control of information.

Information processing

Information management

Information structure

Information programming management

Question ID : 54062618759

If $C = 2^4$, then what is the value of C?

2)₄

3)₄

1)₄

2)₄

Question ID : 54062618758

Which of the following is a type of connection trap in Entity relationship model?

I

II

I

Neither I nor II

I and II

Question ID : 54062618762

Following statement(s) is/are not true about magnetic tapes?

- I High speed device
- II Large volume of data
- III Backup purpose

(A) I and III

(B) I

(C) II

(D) I and II

Question ID : 54062618751

Which of the following is a shift register with its complement output of the last stage connected to the first stage?

(A) Synchronous ring

(B) Asynchronous

(C) Johnson

Question ID : 54062618754

Which of the following does Dr. E.F. Codd provides which qualify a database as a RDBMS?

Question ID : 54062618761

Which of the following is a impact printer?

(A) Matrix printer

(B) Inkjet printer

(C) Laser printer

(D) Thermal printer

Question ID : 54062618750

Which device is used for reading answer to question in a test or survey?

(A) Optical reader

(B) Barcode reader

(C) OCR

(D) None of these

er is expressed as a percentage of ____.

imum output voltage

imum input voltage

imum output voltage

imum input voltage

Question ID : 54062618755

on is of what type?

Address Instruction

e Address Instruction

Address Instruction

Address Instruction

Question ID : 54062618770

wee fails to make the payment on the date of maturity, then a bill is said to

_____.

cted

onoured

ounted

ted

Question ID : 54062618772

emory references are required to fetch an operand in indirect addressing?

Question ID : 54062618769

of software development is also known as ____.

model

ressive model

3 model

Following is not a CPU scheduling Algorithm?

Round Robin

Priority

Question ID : 54062618787

Which attribute in HTML table tag defines the number of columns in a column group?

border

span

width

colspan

Question ID : 54062618771

Which of the following is/are the objective(s) of accounting?

I. Maintenance of Records of Business Transactions
II. Ascertainment of Profit and Loss

I

Neither I nor II

I and II

II

Question ID : 54062618773

Which of the following statement(s) is/are correct regarding software metrics in software engineering?

I. Measures of the software product include functionality quality, efficiency etc. of the product.

II. Measures of the software product includes lines of code produced, execution time, memory size etc. of the software product.

II

I and II

I

Neither I nor II

Question ID : 54062618776

Following statements are not true about CASE tool?

- I the quality
- II reduction in software engineer's work
- III maintenance cost

I II

I III

I and III

II and III

Question ID : 54062618778

Following are monolithic kernel systems?

I and II nor III

I

II

I and II

Question ID : 54062618783

Which micro operation is equivalent to which logical gate?

AND gate

OR gate

NOT gate

XOR gate

Question ID : 54062618768

Which of the following is an invalid relational operator in Java?

Question ID : 54062618782

Which of the following is not a state of a process in operating system?

Ready

Running

Waiting

Which of the following statement(s) is/are true regarding processes and threads in a process?

I. A process can have multiple threads.
 II. A thread can have multiple processes.

Choose the correct answer:

- I
 I and II
 II

Question ID : 54062618784

Find the value of $f'(x)$ at $x = 4$ from the following table of values?

x	2	3	4
$f(x)$	22	27	35

Question ID : 54062618775

Which of the following is/are the reason(s) for the difference between cash book and bank statement?

- I. Cheques issued but not yet cashed.
 II. Cheques deposited but not yet credited.
 III. Cheques returned.
 IV. Cheques deposited but not yet collected.

Question ID : 54062618779

Which of the following is/are the reason(s) for the difference between cash book and bank statement?

- I. Cheques issued but not yet cashed.
 II. Cheques deposited but not yet credited.
 III. Cheques returned.
 IV. Cheques deposited but not yet collected.

Question ID : 54062618774

Debugging approach, the program is loaded with print statements to print the values with the hope that some of the printed values will help to identify the error?

Force Method

Step-by-step tracking

Memory Slicing

Binary Search Elimination Method

Question ID : 54062618781

Document produced at the end of requirement analysis and specification is known as

User Acceptance Test Specification

Software Requirements Specification

Design plan

User Acceptance Test Specification

Question ID : 54062618777

Which of the following statement(s) is/are true regarding threads in operating system?

I: Threads in a process are visible to other processes.
II: A thread has a strictly private resource of a process.

II

I and II

Neither I nor II

I

Question ID : 54062618785

Which of the following statement(s) is/are true about CPU scheduling algorithm?

I: Round Robin scheduling may cause starvation
II: Shortest job first scheduling is better than First Come First Serve in terms of response time

I and II

II

Neither I nor II

I

Question ID : 54062618788

Which of the following business models falls into the category of 'Transplanted Real-World Models'?

- Trial model
- Digital products model
- Subscription provision model
- Software model

Question ID : 54062618799

Which of the following statements is NOT correct regarding monopolistic competition?

- The market structure of the firm allows for new firms to enter the market
- Marginal revenue is slightly less than the average revenue
- Goods produced by them are not homogeneous
- Demand curve faced by the firm is horizontal

Question ID : 54062618791

Which of the following steps is involved in online trading?

Application to open a Demat Account and Online Trading Account.
Transfer of funds from the bank account to the trading account.
Once the order is confirmed, it is placed in the stock exchange through the online trading

- I, II, III and IV
- I, II and III
- I, II and IV
- I, III and IV

Question ID : 54062618800

What is the acronym of ICMP Protocol?

- Internet Control Message Protocol
- Internet Contention Message Protocol
- Internet Carrier Message Protocol
- Internet Communication Message Protocol

Question ID : 54062618794

Which transmission technique in a computer network requires a dedicated communication channel?

- Packet switching
- Circuit switching
- Message switching
- Bit switching

Original cost curve is ____.

- aperd
- erse U-shaped
- aperd
- aperd

Question ID : 54062618789

Description of append keyword of Visual Basic .NET keyword?

- end in the declare statement
- ean operation
- sembly – level attribute specifier
- end as a symbolic constant in the file open function

Question ID : 54062618798

Following statement(s) is/are not true about star topology?

I. The Central Computer shut down the entire network
II. If additional computers increase the communication time

- I
- Neither I nor II
- II
- I and II

Question ID : 54062618795

Example of which generation of cellular networks?

Question ID : 54062618807

Time complexity of Dijkstra's algorithm for the single source shortest path

- $O(2^n)$
- $O(n)$
- $O(n^2)$

Following is/are the tool(s) of monetary policy of the RBI?

1. Repo Rate

2. CRR

3. SLR

4. All of these

5. None of these

Question ID : 54062618790

Which of the following statements are true about local area network?

1. Data transmission takes place by way of satellites, microwave

2. It is a wide area network

3. It is a limited area network

4. All of these

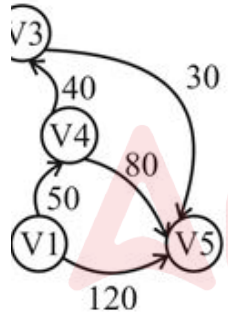
5. None of these

6. Only 1 and 3

7. Only 2 and 3

Question ID : 54062618792

Consider the following weighted directed graph. What is the shortest distance between V1 to V5?



Question ID : 54062618805

Following is a component of Decision Support System (DSS)?

Decision engine

Neither I nor II

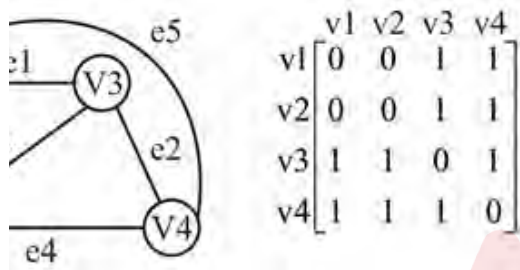
I

II

I and II

Question ID : 54062618806

In the following graph, what the following matrix represent?



Adjacency matrix

Incidence matrix

Path matrix

Distance matrix

Question ID : 54062618804

Which of the following can be the valid balance factor of any node in an AVL tree?

Adda247

Question ID : 54062618801

Which of the following statements are true about wide area network?

I. Large geographical area
II. Communication take place by way of satellites, microwaves
III. Faster than local area network

I and III

I II

II and III

I III

When Manchester encoding is used, then the pulse width are _____ of the
y encoding.

- e
- e
- third

Question ID : 54062618796

a graph with degree one is known as _____.

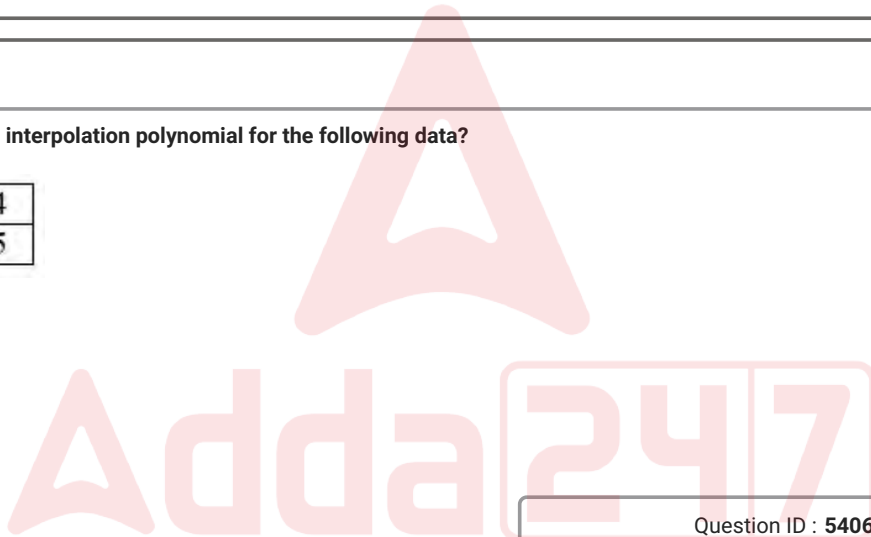
- lant vertex
- vertex
- rnal vertex
- ted vertex

Question ID : 54062618802

Find the Lagrange's interpolation polynomial for the following data?

4
5

- 5
- i
- 6



Question ID : 54062618817

_____ way symmetry.

- t

Question ID : 54062618809

specification in CSS use three numbers representing the hue (from 0 to 360), saturation percentage and lightness percentage?

a decimal

a

Question ID : 54062618811

Which of the following statements are true about sequence structure during program execution?

- I. A statement is executed once
- II. A statement is repeated
- III. Statements are executed in any order

I II

II and III

I and III

I III

Question ID : 54062618813

Which of the following matrices represents rotation of an object by 30° about the origin?

$$A = \begin{bmatrix} \frac{\sqrt{3}}{2} & -\frac{1}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{bmatrix}$$

$$B = \begin{bmatrix} -\frac{1}{2} & \frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & \frac{1}{2} \end{bmatrix}$$

$$C = \begin{bmatrix} \frac{1}{2} & \frac{\sqrt{3}}{2} \\ \frac{\sqrt{3}}{2} & -\frac{1}{2} \end{bmatrix}$$

$$D = \begin{bmatrix} \frac{\sqrt{3}}{2} & -\frac{1}{2} \\ \frac{1}{2} & \frac{\sqrt{3}}{2} \end{bmatrix}$$

Median of the data: 34, 28, 20, 32, 15, 9, 23, 26, 35, 16, 33, 43. If 16 and 23 are P and Q respectively in the data, then let R be the median of the resulting data. What is the value of $(3P - 2Q)$?

Question ID : 54062618815

Mean of the mode and median of the data given below?

3, 7, 6, 5, 2, 1, 6, 3, 9, 8, 4, 6

Question ID : 54062618814

Arrange the following mobile data speed in ascending order.

4G, LTE, EDGE

1, EDGE, GPRS, LTE

1, GPRS, LTE, EDGE

1, GPRS, EDGE, LTE

3G, GSM, LTE, EDGE

Question ID : 54062618808

Bag N contains 2 white and 3 red balls and a bag M contains 4 white and 5 red balls. One ball is drawn at random from one of the bags and is found to be red. What is the probability that the ball was drawn from the bag M?

Question ID : 54062618816

Which form of JPEG image forms?

- Photo Experts Graphics
- Photo Experts Group
- Photographic Experts Graphics
- Photographic Experts Group

Question ID : 54062618812

शिल्प के संदर्भ में निम्नलिखित में से कौन सा/से कथन सही है/हैं?

गोर्गों के बीच उनकी पारंपरिक संस्कृति को परावर्तित करते हुए उत्पन्न होती है।
पना सौन्दर्यशास्त्र नहीं है लेकिन यह समानुपात और आवर्तन के सिद्धांतों से परिचालित नहीं

- I
- II
- I ना ही II
- II दोनों

Question ID : 54062618825

जेन्डर असमानता से बचने व जेन्डर निष्पक्षता को बढ़ावा देने के लिए निम्नलिखित में से कौन सा/करने चाहिए?

जेन्डर निष्पक्ष भाषा का उपयोग करना चाहिए और बच्चों को भी करने के लिए प्रोत्साहित करना

विभाजन में जेन्डर भेद भाव ना करें।

- II
- I ना ही II
- I
- II दोनों

Question ID : 54062618826

Which of the following is not a feature of formative assessment?

- Sure provision for effective feedback
- Diagnostic and remedial
- Not conducted at regular intervals on informal basis
- Provides a platform for the active involvement of students in their own learning

Question ID : 54062618820

से कौन सा/से कथन सही है/हैं?

अधिगम के लिए सामग्री प्रासंगिक, संदर्भित और वास्तविक जीवन के अनुभवों से संबंधित होनी

शिक्षण और अधिगम के लिए अनिवार्य सामग्री है

- I
 I ना ही II
 II दोनों
 II

Question ID : 54062618819

से कौन सा/से कथन सही है/हैं?

I शिक्षण के समाप्त होने के बाद, हमारी हमेशा उस प्रकरण पर ज्ञान और समझ की प्राप्ति की इच्छा होती है तथा हर व्यक्ति की प्राप्ति को प्राप्ति के वांछित स्तर से तुलना करते हैं। इस प्रक्रिया आकलन कहा जाता है।

II निष्पादन का आकलन उस समय कर रहा था जब शिक्षण-अधिगम की प्रक्रिया चल रही थी। के परिणामों को अधिगम तथा अपने शिक्षण की प्रक्रिया को सुधारने के लिए किया। इस प्रक्रिया आकलन कहा जाता है।

- I ना ही II
 II दोनों
 II
 I

Question ID : 54062618821

लेखित में से शरीर के किस अंग/अंगों को बोलने के लिए अनुकूलित किया गया है/हैं?

- III
 था III
 I III
 II

Question ID : 54062618822

से कौन सा/से शिक्षण और अधिगम की एक प्रभावी पद्धति का/के अभिलक्षण है/हैं?

अधिगम सीखने के लिए कार्यक्षेत्र उपलब्ध कराना

I स्वतंत्र रूप से सोचने के लिए और अपने स्वयं के ज्ञान की रचना करने के लिए प्रोत्साहित

- II दोनों
 I ना ही II

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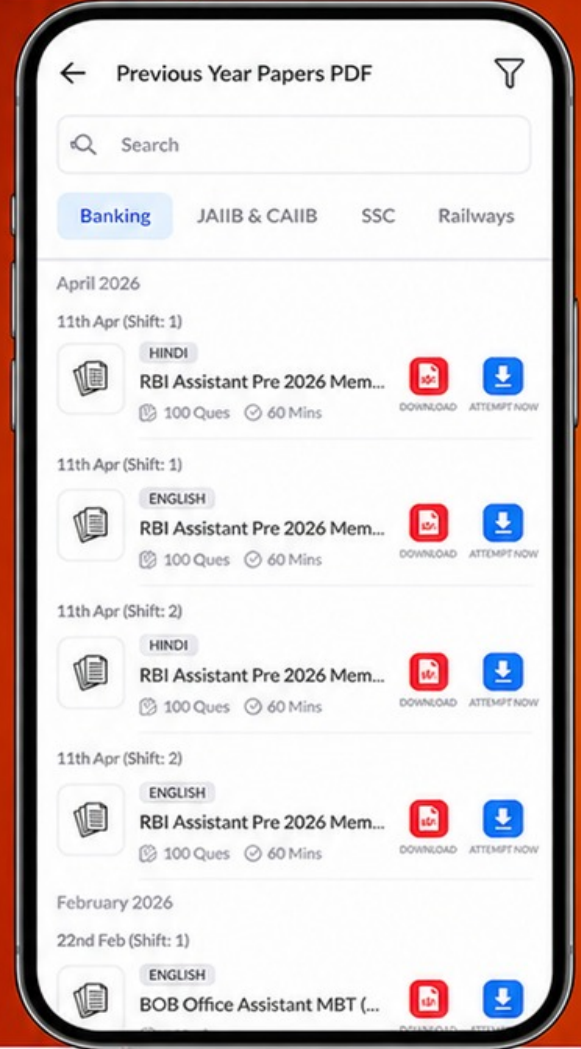
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से कौन सा/से कथन सही है/हैं?

I तात्पर्य स्वाभाविक, सम्प्रेषणपरक स्थितियों (जैसी स्थिति हमें घर और पड़ोस में भाषा उपलब्ध होती है) में भाषा का उपयोग करते हुए भाषिक क्षमता के विकास से है।
II से तात्पर्य किसी भाषा के नियमों और शब्द भंडार का एक कक्षा विन्यास में सुस्पष्ट शिक्षण के मा के द्वारा भाषिक क्षमता के विकास से है।

- I
II दोनों
I ना ही II
II

Question ID : 54062618823

गम का एक क्षेत्र है जो _____ पर आधारित है।

- I कला
II
II दोनों
I ना ही II
I
II

Question ID : 54062618824

से कौन सा/से जेन्डर भेदभाव का/के स्रोत है/हैं?

- सर
I यौ
II मातापिता
II
III
III था III
III

Question ID : 54062618827