

Andhra Pradesh State Council of Higher Education

Notations :

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✘ icon are incorrect.

Question Paper Name :	AP ICET 2020 10th Sep 2020 Shift 1
Subject Name :	AP ICET 2020
Creation Date :	2020-09-10 12:25:17
Duration :	150
Total Marks :	200
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console? :	Yes

AP ICET 2020

Group Number :	1
Group Id :	4969011
Group Maximum Duration :	0
Group Minimum Duration :	150
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	200
Is this Group for Examiner? :	No
Revisit allowed for group Instructions? :	Yes
Maximum Instruction Time :	0
Minimum Instruction Time :	0

Analytics Ability

Section Id :	4969011
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	36
Number of Questions to be attempted :	36
Section Marks :	75
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1

Sub-Section Id :

4969011

Question Shuffling Allowed :

Yes

Question Id : 4969011 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (1 to 20)

Question Label : Comprehension

Data Sufficiency దత్తాంశ పర్యాప్తత

Note: In the following 20 questions each question is followed by data in the form of two statements labeled as I and II. You must decide whether the data given in the statements are sufficient to answer the questions. Using the data make an appropriate choice from (1) to (4) as per the following guidelines:

- Mark choice (1) if the statement I alone is sufficient to answer the question.
- Mark choice (2) if the statement II alone is sufficient to answer the question.
- Mark choice (3) if both the statements I and II are sufficient to answer the question but neither statement alone is sufficient.
- Mark (4) if both the statements I and II together are not sufficient to answer the question and additional data is required.

సూచన: క్రింద ఇచ్చిన 20 ప్రశ్నలలో ప్రతి ప్రశ్నలోను ఒక ప్రశ్న , దాని కింద I, II అని గుర్తులు గల రెండు ప్రవచనాలు దత్తాంశంగా ఇవ్వబడ్డాయి. ఇచ్చిన దత్తాంశం ఉపయోగించి , ఇచ్చిన ప్రవచనాలు ప్రశ్నకు సమాధానాన్ని ఇచ్చేందుకు పర్యప్తాలు అవుతాయా లేదా అని మీరు నిర్ధారించాలి. ఈ నిర్ధారణకు క్రింది మార్గదర్శక సూత్రాలు ఉపయోగించి (1) నుండి (4) వరకు సరి అయిన జవాబును ఎంపిక చెయ్యండి

- ప్రశ్నకు సమాధానం ఇచ్చేందుకు ప్రవచనం I మాత్రమే పర్యాప్తమయితే మీ జవాబు (1) గా గుర్తించండి .
- ప్రశ్నకు సమాధానం ఇచ్చేందుకు ప్రవచనం II మాత్రమే పర్యాప్తమయితే మీ జవాబు (2) గా గుర్తించండి.
- ప్రశ్నకు సమాధానం ఇచ్చేందుకు ప్రవచనాలు I, II కలిసి పర్యాప్తమయ్యి అందులో ఏ ఒక్కటి కూడా పర్యాప్తం కాకపోతే మీ జవాబు (3) గా గుర్తించండి.
- ప్రశ్నకు సమాధానం ఇచ్చేందుకు ప్రవచనాలు I, II కలిసి కూడా పర్యాప్తం కాక అదనపు దత్తాంశం అవసరం అయితే మీ జవాబు (4) గా గుర్తించండి.

Sub questions

Question Number : 1 Question Id : 4969012 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the rate of interest percent per annum?

సంవత్సరానికి వడ్డీ శాతం ఎంత?

- I. The difference between the compound and simple interest on an amount of Rs. 1,15,500 is Rs. 415.8 at the end of 2 years

రెండు సంవత్సరాల చివర రూ.1,15,500 లకు వచ్చిన సామాన్య వడ్డీ, చక్రవడ్డీల భేదం రూ. 415.8

- II. The simple interest earned at the end of one year is Rs. 2420.

ఒక సంవత్సరం చివర వచ్చిన సామాన్య వడ్డీ రూ. 2,420

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 2 Question Id : 4969013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the length of the train?

రైలు పొడవెంత?

- I. The train takes 10 seconds to cross a bridge

ఒక వంతెనను దాటడానికి ఆ రైలుకు 10 సెకండ్లు పడుతుంది

- II. The train takes 30 seconds to cross a platform.

ఒక ప్లాట్ఫారంను దాటడానికి ఆ రైలుకు 30 సెకండ్లు పడుతుంది

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 3 Question Id : 4969014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the marked price of the table?

బల్ల యొక్క ప్రకటిత వెల ఎంత?

- I. The marked price of the table is 30% above its cost price. Two successive discounts were given while selling the table.

బల్ల యొక్క కోన్న వెల కంటే ప్రకటిత వెల 30% అధికం. బల్లను అమ్మేటప్పుడు రెండు వరుస రాయిటీలు ఇచ్చారు

- II. The table was sold for Rs. 2,700. The percentage of discount given during the second time is twice the percentage of discount given during first time

బల్లను రూ. 2,700 కు అమ్మారు. మొదటి సారి ఇచ్చిన రాయిటీ శాతంకు రెండింతలు రెండవసారి ఇచ్చిన రాయిటీ శాతం

Options :

1. ✘ 1
2. ✘ 2
3. ✘ 3
4. ✔ 4

Question Number : 4 Question Id : 4969015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the total number of girls in the class?

ఆ తరగతిలోని మొత్తం బాలికల సంఖ్య ఎంత?

- I. Ratio of the number of boys to the number of girls in the class is 7:5

ఆ తరగతి లో బాలుర సంఖ్య, బాలికల సంఖ్యల నిష్పత్తి 7:5

- II. The average weight of girls in the class is 2 kg less than the average weight of boys in the class. The average weight of all the students of that class is 45 kgs.

ఆ తరగతిలోని బాలుర సగటు బరువు కంటే బాలికల సగటు బరువు 2 కి.గ్రా తక్కువ. ఆ తరగతిలోని అందరు విద్యార్థుల సగటు బరువు 45 కి.గ్రా

Options :

1. ✘ 1
2. ✘ 2
3. ✘ 3
4. ✔ 4

Question Number : 5 Question Id : 4969016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Two persons A and B start running towards each other at the same time from P and Q and meet after 120 minutes. What is the speed of A?

ఇద్దరు వ్యక్తులు A, B లు ఒకరి వైపు మరొకరు ఏకకాలంలో వరుసగా P,Q ల నుండి పరుగెత్తడం మొదలుపెట్టి 120 నిమిషాల తరువాత కలుసుకున్నారు. A వేగం ఎంత?

- I. Q is 35 km away from P and speed of A is 120% of the speed of B.
P నుండి Q 35 కి.మీ దూరంలో ఉంది మరియు A యొక్క వేగం B యొక్క వేగంలో 120%
- II. Distance covered by B is 15 km
B ప్రయాణించిన దూరం 15 కి.మీ

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 6 Question Id : 4969017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

By how many years is Aswani younger than her brother Sanjay?

అశ్వినీ ఆమె సోదరుడు సంజయ్ కంటే ఎన్ని సంవత్సరాలు చిన్నది?

- I. The ratio of Aswani's present age to that of Sanjay after 3 years is 7:9
అశ్వినీ ప్రస్తుత వయస్సు, 3 సంవత్సరాల తరువాత సంజయ్ వయస్సుల నిష్పత్తి 7:9
- II. The ratio of Aswani's age three years ago to Sanjay's present age is 1:2
మూడు సంవత్సరాల క్రితం అశ్వినీ వయస్సు సంజయ్ ప్రస్తుత వయస్సుల నిష్పత్తి 1:2

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 7 Question Id : 4969018 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

How far and in which direction is point B with respect point A?

బిందువు A కు బిందువు B ఎంత దూరంలో ఏ దిక్కులో ఉన్నది?

- I. Point G is 6m to the east of A, point C is 9m to the north of G, point F is 3m to the west of C and point B is 6m away from F

బిందువు G 6 మీ. దూరంలో A కు తూర్పున ఉన్నది. బిందువు C 9 మీ. దూరంలో G కి ఉత్తర దిక్కున ఉన్నది. బిందువు F, 3 మీ. దూరంలో C కు పడమర దిక్కున ఉన్నది. బిందువు F కు 6 మీ. దూరంలో బిందువు B ఉన్నది.

- II. Point M is 8m to the west of B, point R is 8m to the south of M, Point A is 11m to the east of R. Point C is to the north-east of A

బిందువు M 8 మీ. దూరంలో B కు పడమర దిక్కున ఉన్నది. బిందువు R 8 మీ. దూరంలో M కు దక్షిణ దిక్కున ఉన్నది. బిందువు A, 11 మీ. దూరంలో R కు తూర్పున ఉన్నది. బిందువు A కు ఈశాన్య దిక్కున బిందువు C ఉన్నది.

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 8 Question Id : 4969019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Six persons C, D, E, F, G, H are sitting in a line (row) facing North with equal distance between each other. Who sits second to the left of G?

ఆరుగురు వ్యక్తులు C, D, E, F, G, H లు ఒక వరుసలో ఉత్తరాభిముఖంగా కూర్చుని ఉన్నారు.

ఒకరికోకరు సమాన దూరంలో ఉన్నారు. G కు ఎడమవైపు కూర్చున్న రెండవ వ్యక్తి ఎవరు.

- I. There is only one person between C and H. and C sits third from the left end of the line. G sits at one of the positions to the right of E and only two people sit between E and G.

C, H ల మధ్య ఒక వ్యక్తి ఉన్నారు. వరుస కు ఎడమ చివర మూడవ వ్యక్తి C. E కు కుడివైపు ఏదో ఒక స్థానంలో G కూర్చుని ఉన్నాడు. మరియు E, G ల మధ్య ఇద్దరే ఇద్దరు కూర్చుని ఉన్నారు.

- II. E sits third to the left of G. F sits at one of the positions to the right of H. G is not at the extreme end. More than 3 people sit between H and F.

G కు ఎడమ వైపు మూడవ వ్యక్తి E. H కు కుడివైపున ఏదో ఒక స్థానములో F కూర్చుని ఉన్నాడు. G చివరిలో లేడు. మరియు H, F ల మధ్య ముగ్గురు కంటే ఎక్కువ మంది కూర్చున్నారు.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3

4. ✖ 4

Question Number : 9 Question Id : 49690110 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the height of the right circular cylinder?

లంబ వృత్తీయ స్థూపపు ఎత్తు ఎంత ?

I. Volume of the cylinder is 278 cm^3

స్థూపపు ఘన పరిమాణం 278 సెం.మీ^3

II. Lateral surface area of the cylinder is 135 cm^2

స్థూపపు ఉపరితల వైశాల్యం 135 సెం.మీ^2

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 10 Question Id : 49690111 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

M, N, O and P are four positive integers. What is the value of O?

M, N, O, P లు నాలుగు ధన పూర్ణాంకాలు. O యొక్క విలువ ఎంత

I. $P > O > N > M$ and the median of these four numbers is 75

$P > O > N > M$ మరియు ఈ సంఖ్యల మధ్యమం 75

II. M and N are equidistant from 49. P and O are equidistant from 118

49 కు M, N లు సమాన దూరంలోను, 118 కు P, O లు సమాన దూరంలో ఉన్నాయి.

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 11 Question Id : 49690112 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

How many entries in the stock register can three persons post in one day?

ముగ్గురు వ్యక్తులు ఒక రోజులో పట్టి పుస్తకంలో ఎన్ని నమోదు చేయగలరు?

I. A working day consists of 8 hours

ఒక పని దినములో 8 గంటలు ఉండును

II. Ten persons can post 1200 entries in five days

పది మంది వ్యక్తులు ఐదు రోజుల్లో 1200 నమోదు చేయగలరు

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 12 Question Id : 49690113 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the height of the right angled triangle?

లంబ కోణపు త్రిభుజం ఎత్తు ఎంత?

I. The perimeter of the triangle is 30 cm

ఆ త్రిభుజపు చుట్టుకొలత 30 సెం.మీ

II. The difference between the height and the base is 7 cm.

ఎత్తుకు, ఆధారానికి మధ్య భేదం 7 సెం.మీ

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 13 Question Id : 49690114 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the distance between P and R?

P, R ల మధ్య దూరం ఎంత?

I. P is 90m from Q

Q నుండి P 90 మీ.

II. Q is 60m from R

R నుండి Q 60 మీ.

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 14 Question Id : 49690115 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the value of $5x^3y - \frac{5x^3}{y}$?

$5x^3y - \frac{5x^3}{y}$ విలువ ఎంత?

I. $y + 1 = 0$

II. $y - 2 = 0$

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 15 Question Id : 49690116 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Is $a > 0$?

$a > 0$ అవుతుందా?

I. $a < a^2$

II. $\frac{1}{a} > 4$

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 16 Question Id : 49690117 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

For two sets A and B, is $A \cap B = \emptyset$?

రెండు సమితులు A, B లకు $A \cap B = \emptyset$ అవుతుందా?

I. $n(A) = 7, n(B) = 9$

II. $n(A \cup B) = 14$

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

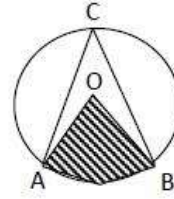
4. ✖ 4

Question Number : 17 Question Id : 49690118 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If O is the centre of the circle, what is the area of the shaded portion?

వృత్త కేంద్రం O అయితే ఈ చాయప్రదేశం యొక్క వైశాల్యం ఎంత?



I. Radius of the circle is 8cm

వృత్త వ్యాసార్థం 8 సెం.మీ

II. $\angle ACB = 30^\circ$

Options :

1. ✘ 1

2. ✘ 2

3. ✔ 3

4. ✘ 4

Question Number : 18 Question Id : 49690119 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the size of population of a city in the year 2020?

2020 సంవత్సరంలో నగరపు జన సంఖ్య ఎంత?

I. Its population in the year 2000 was one million.

2000 సంవత్సరంలో దాని జన సంఖ్య ఒక మిలియన్

II. The rate of increase of population is 5% per decade

జన సంఖ్య పెరుగుదల రేటు దశాబ్దానికి 5%

Options :

1. ✘ 1

2. ✘ 2

3. ✔ 3

4. ✘ 4

Question Number : 19 Question Id : 49690120 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Will it be a Sunday tomorrow?

రేపు ఆదివారం అవుతుందా?

I. Yesterday is not a Friday

నిన్న శుక్రవారం కాదు.

II. Sunday is a Holiday

ఆదివారం సెలవు దినం

Options :

1. ✓ 1

2. ✗ 2

3. ✗ 3

4. ✗ 4

Question Number : 20 Question Id : 49690121 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the value of the coins in the pocket?

సంచీలో ఉన్న నాణెముల విలువ ఎంత?

I. 30 of the coins in the pocket are one rupee coins.

ఆ సంచీలో ఉన్న వాటిలో 30 ఒక రూపాయి నాణెములు

II. There are 40 coins in the pocket

ఆ సంచీలో 40 నాణెములు ఉన్నాయి

Options :

1. ✗ 1

2. ✗ 2

3. ✗ 3

4. ✓ 4

Sub-Section Number :

2

Sub-Section Id :

4969012

Question Shuffling Allowed :

Yes

Question Id : 49690122 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (21 to 30)

Question Label : Comprehension

Problem Solving సమస్య సాధన

Sequences and Series అనుక్రమాలు, శ్రేణులు

Note: In each of the Following 10 questions a sequence of numbers or letters that follow a definite pattern is given. Each question has a blank space. This has to be filled by the correct answer from the four given options to complete the sequence without breaking the pattern.

సూచన: క్రింద ఇచ్చిన 10 ప్రశ్నలలో ప్రతి ప్రశ్నలోను ఇచ్చిన సంఖ్యలు గాని అక్షరాలు కాని ఒక క్రమబద్ధమైన నియమాన్ని పాటిస్తున్నాయి. ప్రతి ప్రశ్నలోని ఖాళీని ఇచ్చిన నాలుగు ఐచ్ఛికాల నుండి సరి అయిన జవాబును ఎన్నుకుని అనుక్రమ నియమానికి భంగం కలుగకుండా పూరించాలి.

Sub questions

Question Number : 21 Question Id : 49690123 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

dog: rabbis :: mosquito: _____

Options :

1. ✘ cholera
2. ✘ typhoid
3. ✔ filaria
4. ✘ polio

Question Number : 22 Question Id : 49690124 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Delhi : India :: _____ : USA

Options :

1. ✘ New York
2. ✘ Atlanta
3. ✘ Chicago
4. ✔ Washington D.C

Question Number : 23 Question Id : 49690125 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Mind: _____ :: Plants : Botany

Options :

1. ✔ Psychology

2. ✘ Philosophy

3. ✘ Physics

4. ✘ Physiology

Question Number : 24 Question Id : 49690126 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Pigmy: Kongo :: Julu : _____

Options :

1. ✔ South Africa

2. ✘ North America

3. ✘ Kenya

4. ✘ Guatemala

Question Number : 25 Question Id : 49690127 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Fish: _____ :: Tiger : Forest

Options :

1. ✘ Tree

2. ✘ Land

3. ✘ Cloud

4. ✔ Water

Question Number : 26 Question Id : 49690128 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

D:16 :: N : _____

Options :

1. ✘ 225

2. ✘ 169

3. ✔ 196

4. ✘ 256

Question Number : 27 Question Id : 49690129 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

FRAME : 43 :: ROAST : _____

Options :

1. ✘ 83

2. ✔ 73

3. ✘ 68

4. ✘ 57

Question Number : 28 Question Id : 49690130 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

ABCD : CEGI :: FGHI : _____

Options :

1. ✔ HJLN

2. ✘ HILN

3. ✘ HJLM

4. ✘ HJKN

Question Number : 29 Question Id : 49690131 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

F : 35 :: J : _____

Options :

1. ✘ 89

2. ✘ 98

3. ✘ 63

4. ✔ 99

Question Number : 30 Question Id : 49690132 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

MOTHER : _____ :: HUSBAND : 25

Options :

1. ✘ 29

2. ✘ 34

3. ✘ 37

4. ✔ 39

Sub-Section Number :

3

Sub-Section Id :

4969013

Question Shuffling Allowed :

Yes

Question Number : 31 Question Id : 49690133 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the Following questions pick the odd thing out.

క్రింద ఇచ్చిన ప్రశ్నలలో సరి పోనిది గుర్తించుము

Options :

1. ✘ Zeal

2. ✔ Fill

3. ✘ Dial

4. ✘ Rear

Question Number : 32 Question Id : 49690134 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the Following questions pick the odd thing out.

క్రింద ఇచ్చిన ప్రశ్నలలో సరి పోనిది గుర్తించుము

Options :

1. ✘ Heron

2. ✔ Lizard

3. ✘ Hawk

4. ✘ Sparrow

Question Number : 33 Question Id : 49690135 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the Following questions pick the odd thing out.

క్రీంద ఇచ్చిన ప్రశ్నలలో సరి పోనిది గుర్తించుము

Options :

1. ✘ Trophy
2. ✘ Medal
3. ✔ Gift
4. ✘ Prize

Question Number : 34 Question Id : 49690136 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the Following questions pick the odd thing out.

క్రీంద ఇచ్చిన ప్రశ్నలలో సరి పోనిది గుర్తించుము

Options :

1. ✘ DHL
2. ✔ MPT
3. ✘ RVZ
4. ✘ IMQ

Question Number : 35 Question Id : 49690137 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the Following questions pick the odd thing out.

క్రీంద ఇచ్చిన ప్రశ్నలలో సరి పోనిది గుర్తించుము

Options :

1. ✘ E
2. ✘ G
3. ✘ K
4. ✔ O

Question Number : 36 Question Id : 49690138 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

334, ____, 226, 217, 214, 213

Options :

1. ✘ 251
2. ✘ 252
3. ✔ 253
4. ✘ 254

Question Number : 37 Question Id : 49690139 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

$\frac{9}{5}, \frac{35}{13}, \frac{91}{25}, \frac{189}{41}, \frac{341}{61}, \underline{\hspace{2cm}}$

Options :

1. ✘ $\frac{439}{77}$
2. ✘ $\frac{509}{81}$
3. ✘ $\frac{529}{83}$
4. ✔ $\frac{559}{85}$

Question Number : 38 Question Id : 49690140 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

0010, 0100, 0110, 1000, 1010, _____

Options :

1. ✘ 1011

2. ✓ 1100

3. ✗ 1101

4. ✗ 1001

Question Number : 39 Question Id : 49690141 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

241, 242, ____, 394, 737, 1466

Options :

1. ✗ 327

2. ✗ 317

3. ✓ 269

4. ✗ 263

Question Number : 40 Question Id : 49690142 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

3, 8, 24, 48, 120, ____

Options :

1. ✓ 168

2. ✗ 192

3. ✗ 144

4. ✗ 136

Question Number : 41 Question Id : 49690143 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

6, 8.5, 10.5, 12, 13, _____

Options :

1. ✘ 14

2. ✔ 13.5

3. ✘ 14.5

4. ✘ 15

Question Number : 42 Question Id : 49690144 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

$1\frac{1}{2}, 1\frac{2}{5}, 1\frac{2}{11}, 1\frac{2}{17}, 1\frac{6}{23},$ _____

Options :

1. ✔ $1\frac{6}{31}$

2. ✘ $1\frac{4}{29}$

3. ✘ $1\frac{4}{31}$

4. ✘ $1\frac{2}{29}$

Question Number : 43 Question Id : 49690145 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

8, 12, 24, 36, 60, _____

Options :

1. ✘ 108
2. ✘ 96
3. ✔ 84
4. ✘ 72

Question Number : 44 Question Id : 49690146 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

BY, CX, EV, GT, KP, _____

Options :

1. ✘ LM
2. ✘ ML
3. ✘ NM
4. ✔ MN

Question Number : 45 Question Id : 49690147 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Note: The following questions follow a definite pattern. Observe the same and fill in the blanks with suitable answers.

గమనిక: క్రింద ఇచ్చిన ప్రశ్నలు ఒక ఖచ్చితమయిన నియమాన్ని పాటిస్తున్నాయి. ఆ నియమాన్ని గమనించి సరియగు సమాధానాలతో ఖాళీలను పూరించండి.

2, 5, $\frac{15}{2}$, $\frac{19}{2}$, 11, _____

Options :

1. ✔ 12
2. ✘ 13
3. ✘ $\frac{23}{2}$

Sub-Section Number : 4
 Sub-Section Id : 4969014
 Question Shuffling Allowed : Yes

Question Id : 49690148 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (46 to 48)
 Question Label : Comprehension

Data Analysis
దత్తాంశ విశ్లేషణ

Note

In the table given below, year and subject wise selected candidates in an industry are given. Based on the information given in the table answer questions

సూచన

ఒక సంస్థలో సంవత్సరాల వారీగా మరియు పాఠ్యాంశములవారీగా ఎంపిక అయిన అభ్యర్థుల వివరాలను క్రింద పట్టికలో తెలిపారు. వీటిని ఆధారంగా చేసుకుని ఇచ్చిన ప్రశ్నలకు జవాబు ఇవ్వండి.

Year(సంవత్సరం)→ Subject ↓(పాఠ్యాంశము)	2010	2011	2012	2013	2014	2015
Engineering ఇంజనీరింగ్	2	4	4	4	2	2
Agriculture అగ్రికల్చర్	4	12	12	10	4	8
Arts ఆర్ట్స్	16	32	34	40	44	52
Commerce కామర్స్	32	48	48	44	60	52
Science సైన్సు	64	80	100	60	56	64

Sub questions

Question Number : 46 Question Id : 49690149 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The percentage of arts candidates selected in the year 2011 is (approximately)

2011 సంవత్సరములో ఎంపికయిన ఆర్ట్స్ అభ్యర్థుల శాతం సుమారుగా

Options :

1. ✖ 21%

2. ✖ 20%

3. ✘ 19%

4. ✔ 18%

Question Number : 47 Question Id : 49690150 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The ratio of science candidates to commerce candidates selected in the year 2014 is

2014 సంవత్సరంలో ఎంపిక అయిన వైస్సు అభ్యర్థులు, కామర్స్ అభ్యర్థుల నిష్పత్తి

Options :

1. ✘ 14: 17

2. ✘ 13:15

3. ✔ 14:15

4. ✘ 12:13

Question Number : 48 Question Id : 49690151 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The percentage of science candidates selected during the years 2014 and 2015 is (approximately)

2014, 2015 సంవత్సరాలలో ఎంపికయిన వైస్సు అభ్యర్థుల శాతం, సుమారుగా

Options :

1. ✘ 34

2. ✔ 35

3. ✘ 33

4. ✘ 36

Sub-Section Number :

5

Sub-Section Id :

4969015

Question Shuffling Allowed :

Yes

Question Id : 49690152 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (49 to 53)

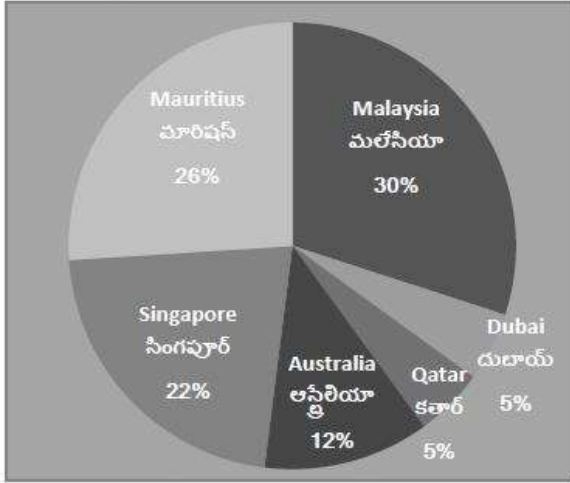
Question Label : Comprehension

Note

The Pie-chart shows the percentage of the share of export of wheat from India to various countries, The bar chart shows the price of wheat per tonne in different countries in August 2018.

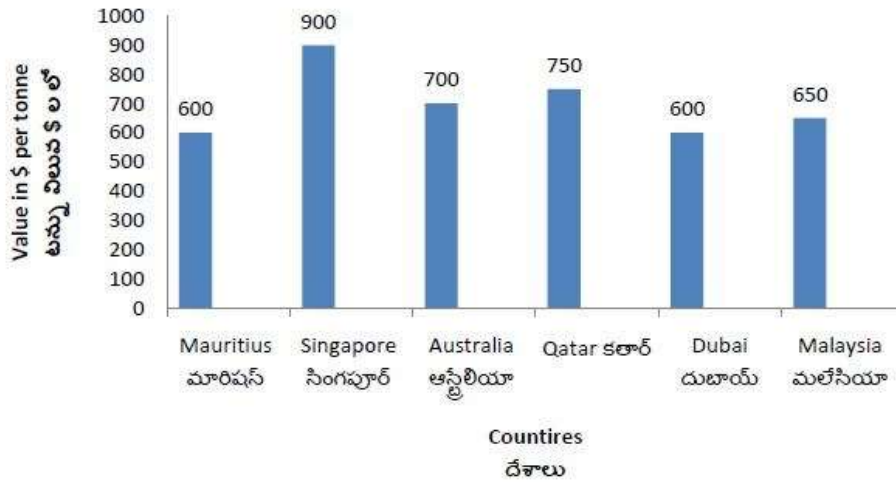
సూచన

క్రింద ఇచ్చిన పై పటం వివిధదేశాలకి భారత దేశం నుండి గోధుమ ఎగుమతి శాతాన్ని మరియు బార్ పటం వివిధ దేశాలలో ఆగస్టు 2018 గోధుమ ధరను తెలియచేస్తుంది. ఈ సమాచారాన్ని ఉపయోగించి క్రింద ఇచ్చిన ప్రశ్నలకు జవాబు ఇవ్వండి.



Total Quantity Exported : 3,00,000 tonnes

మొత్తం ఎగుమతి: 3,00,000 టన్నులు



Sub questions

Question Number : 49 Question Id : 49690153 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What is the difference between the average of the export of the wheat to Mauritius and Singapore together and the average of the export of wheat to Qatar, Dubai and Malaysia together (in tonnes)?

మారిషస్ మరియు సింగపూర్లకు సగటు గోధుమ ఎగుమతి కతార్, దుబాయ్ మరియు

మలేషియాకు సగటు గోధుమ ఎగుమతిల భేదం (టన్నులలో)ఎంత ?

Options :

1. ✘ 34,760
2. ✘ 33,000
3. ✘ 32,500
4. ✔ 32,000

Question Number : 50 Question Id : 49690154 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the ratio of the value of exported wheat to Dubai to the value of the exported wheat to Malaysia?

దుబాయ్ కి ఎగుమతి చేసిన గోధుమ విలువ మలేషియాకు ఎగుమతి చేసిన గోధుమ విలువల

నిష్పత్తి?

Options :

1. ✔ 2:13
2. ✘ 5:12
3. ✘ 3:13
4. ✘ 4:9

Question Number : 51 Question Id : 49690155 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If 30% of the export of wheat to Malaysia goes to its capital Kuala Lumpur and the export Price for Kuala Lumpur is \$900 per tonne then what is the value of wheat exported to Kuala Lumpur (in thousand dollars)?

మలేషియాకు ఎగుమతి చేసిన గోధుమలలో 30% దాని రాజధాని కొలాలంపూర్ వెళ్లి దాని విలువ

\$900 /టన్నులయితే, కొలాలంపూర్ కు ఎగుమతి చేసిన గోధుమ విలువ ఎంత(వేలడాలర్లలో)?

Options :

1. ✘ 25,600
2. ✘ 24375

3. ✓ 24300

4. ✘ 23400

Question Number : 52 Question Id : 49690156 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the difference between the total exported value of wheat to Mauritius and the total exported value of wheat to Australia and Dubai together in (thousand dollars)?

మలేసియాకు ఎగుమతి చేసిన గోధుమ విలువకు ఆస్ట్రేలియా మరియు దుబాయికు కలిపి ఎగుమతి చేసిన గోధుమ విలువకు భేదం ఎంత (వేలదాలర్లలో)?

Options :

1. ✘ 12825

2. ✘ 12576

3. ✓ 12600

4. ✘ 12500

Question Number : 53 Question Id : 49690157 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If the export to Qatar is 15% less in July compared to that in August and the price of export of wheat to Qatar is 5% more in July compared to that in August, what is the value of wheat (in thousand dollars) exported to Qatar in July?

కతార్ కు ఎగుమతి ఆగస్టుతో పోల్చితే జూలైలో 15% తక్కువ. ఎగుమతి ధర ఆగస్టుతో పోల్చితే జూలైలో 5% ఎక్కువ. జూలైలో కతార్కు ఎగుమతి చేసిన గోధుమ విలువ ఎంత (వేలదాలర్లలో)?

Options :

1. ✓ 10040.625

2. ✘ 10020.625

3. ✘ 10015.425

4. ✘ 10025.325

Sub-Section Number :

6

Sub-Section Id :

4969016

Question Shuffling Allowed :

Yes

Question Id : 49690158 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (54 to 55)

Question Label : Comprehension

Note

In a group of 64 people, 36 speak telugu, 40 speak English, 38 speak Hindi, 18 speak both Telugu and Hindi, 24 speak Hindi and English and 16 speak English and Telugu, 8 people speak all the three languages. Based on this information, answer questions

సూచన

64 మంది ఉన్న ఒక సమూహంలో 36 గురు తెలుగును, 40 మంది ఇంగ్లీష్ ను 38 మంది హిందీని, 18 మంది తెలుగు మరియు హిందీని, 24 మంది హిందీ మరియు ఇంగ్లీష్ ను, 16 మంది ఇంగ్లీష్ మరియు తెలుగును, 8 మంది మూడు భాషలను మాట్లాడుతారు. ఈ సమాచారాన్ని ఉపయోగించి

క్రింద ఇచ్చిన ప్రశ్నలకు జవాబులు ఇవ్వండి

Sub questions

Question Number : 54 Question Id : 49690159 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

How many speak only Hindi?

హిందీని మాత్రమే ఎంతమంది మాట్లాడుతారు?

Options :

1. ✘ 5
2. ✘ 6
3. ✘ 3
4. ✔ 4

Question Number : 55 Question Id : 49690160 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

How many speak exactly two languages?

ఎంత మంది ఖచ్చితంగా రెండు భాషలను మాత్రమే మాట్లాడుతారు.

Options :

1. ✘ 24
2. ✘ 32
3. ✔ 34
4. ✘ 28

Sub-Section Number :

7

Sub-Section Id :

4969017

Question Shuffling Allowed :

Yes

Question Id : 49690161 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (56 to 60)

Question Label : Comprehension

Coding and Decoding Problems

కోడింగ్, డీకోడింగ్ సమస్యలు

Note

In a certain code, n^{th} letter of the English alphabet is called as r^{th} , where $n+12 = 26m+r$ such that m and r are integers and $0 \leq r \leq 25$ and when $r=0$, r^{th} letter is treated as 'z'. For example the 5th letter E is coded as 17th letter Q, N as Z and R is coded as D. The reverse process is used for decoding. Use these to answer questions.

సూచన

ఒకానొక కోడులో ఇంగ్లీష్ అక్షరమాలలోని n వ అక్షరాన్ని $n+12 = 26m+r$, $0 \leq r \leq 25$, m, r లు పూర్ణంకాలు అయ్యేటట్లుగా ఉంటే r వ అక్షరంగా కోడ్ చేస్తారు. మరియు $r=0$ అయినప్పుడు, r వ అక్షరాన్ని 'z' గా గుర్తించండి. ఉదాహరణకు 5 వ అక్షరం E ను 17 వ అక్షరం Q గాను, N ను Z గాను, R ను D గాను కోడ్ చేస్తారు. డీకోడింగ్ కు విలోమ పద్ధతిని వాడతారు. వీటిని వాడి ప్రశ్నలకు జవాబివ్వండి

Sub questions

Question Number : 56 Question Id : 49690162 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

'PISTOL' is coded as

'PISTOL' కు కోడ్

Options :

1. ✘ BUEFAY
2. ✔ BUEFAX
3. ✘ BUFEAX
4. ✘ BUFZAX

Question Number : 57 Question Id : 49690163 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

'KNOW' is coded as

'KNOW' కు కోడ్

Options :

1. ✘ WZAJ
2. ✘ WZBI
3. ✔ WZAI

4. ✖ VZAI

Question Number : 58 Question Id : 49690164 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The number of letters which are coded as them selves

దానికదే కోడ్ అయ్యే అక్షరాల సంఖ్య

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 0

Question Number : 59 Question Id : 49690165 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

'QUSTF' is coded as

'QUSTF' గా కోడ్ చేయబడినది ఏది?

Options :

1. ✔ EIGHT

2. ✖ NIGHT

3. ✖ FIGHT

4. ✖ TIGHT

Question Number : 60 Question Id : 49690166 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which is coded as 'MZPTDM'?

'MZPTDM' గా కోడ్ చేయబడినది ఏది?

Options :

1. ✖ ANDHEA

2. ✔ ANDHRA

3. ✖ BANDHB

4. ✖ CODING

Sub-Section Number : 8
Sub-Section Id : 4969018
Question Shuffling Allowed : Yes

Question Number : 61 Question Id : 49690167 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

If 'TEMPLE' is coded as 'ETPMEL', then in the same code 'PRISON' is coded as

'TEMPLE' ను 'ETPMEL' గా కోడ్ చేస్తే ఆ కోడ్ భాషలో 'PRISON' కు కోడ్ ఏది?

Options :

1. ✓ RPSINO
2. ✖ IRPNOS
3. ✖ ORSIPN
4. ✖ NOSIRP

Question Number : 62 Question Id : 49690168 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

In a certain code language 'ENVOY' is written as 'ANEMG'. Then the code for 'FEWER' in the given code language is

ఒకా నొక కోడ్ భాషలో 'ENVOY' ను 'ANEMG' గా రాస్తే అప్పుడు ఆ కోడ్ భాషలో 'FEWER' కు కోడ్

Options :

1. ✖ TDDCH
2. ✖ TBDDH
3. ✓ TDDDH
4. ✖ TDVDH

Question Number : 63 Question Id : 49690169 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

In a certain code language 'today is Sunday' is coded as 'Zt bx jq' and 'sunday is holiday' is coded as 'jq bx hi' . Then the code for 'holiday' in that code language is

ఒకానొక కోడ్ భాషలో 'today is Sunday' ను 'Zt bx jq' గాను 'sunday is holiday' ను 'jq bx hi' గాను కోడ్ చేసి అప్పుడు ఆ కోడ్ భాషలో 'holiday' కు కోడ్

Options :

1. ✘ zt
2. ✘ bx
3. ✔ hi
4. ✘ jq

Question Number : 64 Question Id : 49690170 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

If 'DANGER' is coded as 'DAGNER' then 'SLIGHT' is coded as

'DANGER' ను 'DAGNER' గా కోడ్ చేసి 'SLIGHT' కు కోడ్

Options :

1. ✔ SLGIHT
2. ✘ SLGJHT
3. ✘ SLHIGT
4. ✘ SLGIHS

Question Number : 65 Question Id : 49690171 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

If 'COMPUTER' is coded 'DNNOVSFQ', then 'CALCULATOR' is coded as

'COMPUTER' ను 'DNNOVSFQ', గా కోడ్ చేసి 'CALCULATOR' కు కోడ్

Options :

1. ✘ DZMBVKBRPQ
2. ✘ DZLBVLBSPQ
3. ✘ DZMBVLBSPQ
4. ✔ DZMBVKBSPQ

Question Number : 66 Question Id : 49690172 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

On 12th January 1979, the day of the week was

12th జనవరి 1979 ఏ వారం అయింది?

Options :

- Thursday
1. ✘ గురువారం
- Friday
2. ✔ శుక్రవారం
- Saturday
3. ✘ శనివారం
- Sunday
4. ✘ ఆదివారం

Question Number : 67 Question Id : 49690173 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

If a clock's hand coincide every 64 minutes, the time (in hrs) it loses in a week is

ఒక గడియారంలోని ముల్లులు ప్రతి 64 నిమిషాల కొకసారి ఏకీభవిస్తే, వారంలో నష్టపోయిన సమయం

Options :

1. ✔ $3\frac{9}{11}$ hours
2. ✘ $3\frac{2}{11}$ hours
3. ✘ $2\frac{9}{11}$ hours
4. ✘ $2\frac{10}{11}$ hours

Question Number : 68 Question Id : 49690174 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

The time between 7:15 PM and 8:00 PM, at which the minutes hand and hours hand in a clock coincide is?

ఒక గడియారంలో 7.15 p.m, 8.00 p.m ల మధ్య ఏ సమయంలో నిమిషాల ముల్లు మరియు గంటల ముల్లు ఏకీభవిస్తాయి?

Options :

1. ✘ $7:23 \frac{7}{11}$ PM
2. ✘ $7:34 \frac{6}{11}$ PM
3. ✔ $7:38 \frac{2}{11}$ PM
4. ✘ $7:56 \frac{4}{11}$ PM

Question Number : 69 Question Id : 49690175 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

A is the husband of daughter of B who is the wife is C. If D is the son of A, then C is related to D as _____

C కు భార్య అయిన B యొక్క కూతురుకు భర్త A. A కి D కుమారుడు అయితే, అప్పుడు D కు C

సంబంధం

Options :

1. ✘ Great grand father
ముత్తాత
2. ✔ Grand father
తాత
3. ✘ Grand son
మనుమడు
4. ✘ Great grand son
మునిమనుమడు

Question Number : 70 Question Id : 49690176 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

A person covers the distance between his house and office on his scooter with an average speed of 20 km/hour. He is late to his office by 12 mts. However, at a speed of 30 km/hour, he reaches his office 8 min earlier than the usual time. The distance (in km) between his house and office is

ఒక వ్యక్తి తన ఇంటినుండి కార్యాలయానికి ఉన్నదూరమును సగటువేగం 20 కి.మీ/గం తో వెళితే మామూలు సమయం కన్నా 12 నిమిషాలు ఆలస్యంగా వెళతాడు. కాని 30కి.మీ/గం వేగంతో వెళితే మామూలు సమయం కన్నా 8 నిమిషాలు ముందుగా వెళతాడు. ఇంటికి కార్యాలయానికి మధ్య దూరం కి.మీలలో ఎంత?

Options :

1. ✘ 18
2. ✔ 20
3. ✘ 24
4. ✘ 25

Question Number : 71 Question Id : 49690177 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

A person A has come to a meeting 45 minutes late but 33 minutes before the arrival of B who has arrived 56 minutes later than C. If C came to the meeting at 11:07 AM, the meeting is scheduled at

A అను ఒక వ్యక్తి సమావేశానికి 45 నిమిషాలు ఆలస్యంగా వచ్చాడు. కాని B కంటే 33 నిమిషాలు ముందుగా వచ్చాడు. C కంటే 56 నిమిషాలు ఆలస్యంగా B వచ్చాడు. 11.07 a.m కు C సమావేశానికి వచ్చినట్లయితే సమావేశపు నిర్ణీత సమయం ఎంత?

Options :

1. ✘ 11:25 AM
2. ✘ 11:00 AM
3. ✘ 10:30 AM
4. ✔ 10:45 AM

Question Number : 72 Question Id : 49690178 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

Six people A, B, C, D, E and F are sitting for a meeting around round table facing the centre of the table. D is to the right of A and left of E. B is to the right of C and left of A. If F is opposite to A. Who is sitting to the right of F?

షెషాకారపు బల్ల చుట్టూ కేంద్రాబిముఖంగా డగురు వ్యక్తులు A, B, C, D, E మరియు F కూర్చున్నారు. A కు కుడి వైపు D, E కు ఎడమ వైపు D ఉన్నారు. C కు కుడి వైపు B, A కు ఎడమ వైపు B ఉన్నారు. A కు ఎదురుగా F ఉంటే F కు కుడి వైపున ఎవరు కూర్చున్నారు?

Options :

1. ✘ B
2. ✘ A
3. ✔ C
4. ✘ D

Question Number : 73 Question Id : 49690179 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

If '+' means '-', '-' means 'x', '+' means '+' and 'x' means '+', then what is the value of $15-3+10\times 5\div 5$

'+' అంటే '-', '-' అంటే 'x', '+' అంటే '+' మరియు 'x' అంటే '+', అయితే $15-3+10\times 5\div 5$ యొక్క విలువ ఎంత

Options :

1. ✘ 22
2. ✘ 52
3. ✔ 48
4. ✘ 47

Question Number : 74 Question Id : 49690180 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

$f(x) = (x + 1)^2$, $g(x) = (x - 1)^2$, $h(x) = \frac{x}{2}$ then, $f(g(h(-1))) = ?$

$f(x) = (x + 1)^2$, $g(x) = (x - 1)^2$, $h(x) = \frac{x}{2}$ అయితే, $f(g(h(-1))) = ?$

Options :

1. ✘ $\frac{13}{4}$

2. ✔ $\frac{169}{16}$

3. ✘ $\frac{169}{4}$

4. ✘ $\frac{13}{16}$

Question Number : 75 Question Id : 49690181 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Date, Time & Arrangement Problems

తేదీ, సమయం, అమరికల సమస్యలు

For any integers m and n , define $m * n = 2n^2 + 3m$, $m\alpha n = \frac{4n}{(3m+3)}$ and $m\beta n = 5n(2m - 1)$, then $8 * (9\alpha(7\beta 6)) = ?$

ఏ పూర్ణాంకాలు m, n లకు $m * n = 2n^2 + 3m$, $m\alpha n = \frac{4n}{(3m+3)}$ మరియు $m\beta n = 5n(2m - 1)$ గా నిర్వచిస్తే, అప్పుడు $8 * (9\alpha(7\beta 6)) = ?$

Options :

1. ✘ 515

2. ✘ 283

3. ✘ 8136

4. ✔ 5432

Mathematical Ability

Section Id :	4969012
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	75
Number of Questions to be attempted :	75
Section Marks :	75
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	4969019
Question Shuffling Allowed :	Yes

Question Number : 76 Question Id : 49690182 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If x, y are rational number such that $(3^{x+1})^4 \cdot 2^{3y} = 108$, then $3x + 4y =$

$(3^{x+1})^4 \cdot 2^{3y} = 108$, అయ్యేటట్లుగా x, y లు అకరణీయ సంఖ్యలు అయితే, అప్పుడు $3x + 4y =$

Options :

1. ✘ 1
2. ✘ 53/12
3. ✘ 8
4. ✔ 23/12

Question Number : 77 Question Id : 49690183 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If $2^a \times 3^b \times 5^c = 40500$, then $a^a \times b^b \times c^c =$

$2^a \times 3^b \times 5^c = 40500$ అయితే, అప్పుడు $a^a \times b^b \times c^c =$

Options :

1. ✔ 27648
2. ✘ 20250
3. ✘ 27864
4. ✘ 20125

Question Number : 78 Question Id : 49690184 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If $4A = 7B$ and $5B = 9C$, then $A:C=$

$4A = 7B$ మరియు $5B = 9C$ అయితే, అప్పుడు $A:C=$

Options :

1. ✘ 36:35
2. ✘ 20:63

3. ✘ 35:36

4. ✔ 63:20

Question Number : 79 Question Id : 49690185 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

35 litres of mixture contains milk and water in the ratio 4:1. How much water (in ltrs) is to be added to this mixture so as to have milk and water in the ratio 2:1?

35 లీటర్ల మిశ్రమం , పాలు మరియు నీటిని 4:1 నిష్పత్తి లో కలిగి ఉంది. పాలు మరియు నీరు 2:1 నిష్పత్తిలో ఉండటానికి ఈ మిశ్రమానికి ఎంత నీరు కలపాలి (లీటర్లలో)?

Options :

1. ✔ 7

2. ✘ 6

3. ✘ 5

4. ✘ 4

Question Number : 80 Question Id : 49690186 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

$$\frac{2}{\sqrt{10 + 2\sqrt{21}}} - \frac{1}{\sqrt{12 - 2\sqrt{35}}} + \frac{1}{\sqrt{8 - 2\sqrt{15}}} =$$

Options :

1. ✘ $\sqrt{7}$

2. ✘ $\sqrt{5}$

3. ✘ $\sqrt{3}$

4. ✔ 0

Question Number : 81 Question Id : 49690187 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If $x = \frac{\sqrt{3}+\sqrt{2}}{\sqrt{3}-\sqrt{2}}$, then $\left(x - \frac{1}{x}\right)^2 =$

$x = \frac{\sqrt{3}+\sqrt{2}}{\sqrt{3}-\sqrt{2}}$ అయితే, అప్పుడు $\left(x - \frac{1}{x}\right)^2 =$

Options :

1. ✘ $16\sqrt{6}$
2. ✔ 96
3. ✘ 128
4. ✘ 12

Question Number : 82 Question Id : 49690188 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

The number of odd divisors of 16200 is

16200 యొక్క బేసి భాజకముల సంఖ్య

Options :

1. ✘ 45
2. ✘ 30
3. ✔ 15
4. ✘ 5

Question Number : 83 Question Id : 49690189 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

In a division if the divisor, remainder and quotient are respectively 18, 13 and 17, then the dividend is

ఒక భాగాహారములో భాజకము, శేషము మరియు భాగాఫలము వరుసగా 18, 13, మరియు 17

అయితే, అప్పుడు ఆ విభాజ్యము

Options :

1. ✘ 257

2. ✘ 239

3. ✘ 293

4. ✔ 319

Question Number : 84 Question Id : 49690190 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If the GCD and LCM of two positive integers x, y are respectively 18 and 1080, then the remainder when their product xy is divided by 49 is

రెండు ధన పూర్ణాంకాలు x, y ల గ.సా. భా మరియు క.సా.గు లు వరుసగా 18 మరియు 1080

అయితే, అప్పుడు వాటి లబ్ధము xy ని 49 చే భాగించగా వచ్చే శేషము

Options :

1. ✘ 18

2. ✔ 36

3. ✘ 54

4. ✘ 108

Question Number : 85 Question Id : 49690191 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

What is the smallest number when increased by 11, is divisible by 15, 8, 25, 24?

11 కలిపినప్పుడు 15, 8, 25, 24 లచే నిశ్చేషంగా భాగంపబడే కనిష్ట సంఖ్య ఏది?

Options :

1. ✔ 589

2. ✘ 611

3. ✘ 289

4. ✘ 311

Question Number : 86 Question Id : 49690192 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

$$\frac{(0.569)(0.569) - (0.331)(0.331)}{0.569 - 0.331} =$$

Options :

1. ✘ 9

2. ✔ $\frac{9}{10}$

3. ✘ $\frac{9}{100}$

4. ✘ $\frac{99}{100}$

Question Number : 87 Question Id : 49690193 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

$$\left(1 + \frac{1}{2}\right)\left(1 + \frac{1}{3}\right)\left(1 + \frac{1}{4}\right) + \dots + \left(1 + \frac{1}{41}\right) =$$

Options :

1. ✘ 41

2. ✘ $\frac{1}{21}$

3. ✘ $\frac{1}{41}$

4. ✔ 21

Question Number : 88 Question Id : 49690194 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

The difference between the largest and the smallest of the fractions:

$$\frac{5}{6}, \frac{13}{18}, \frac{6}{11} \text{ and } \frac{19}{36} \text{ is}$$

$\frac{5}{6}, \frac{13}{18}, \frac{6}{11}$ మరియు $\frac{19}{36}$ బిన్నములలోని గరిష్ట మరియు కనిష్ట బిన్నముల మధ్య భేదం

Options :

1. ✘ $\frac{17}{36}$

2. ✘ $\frac{13}{36}$

3. ✔ $\frac{11}{36}$

4. ✘ $\frac{7}{36}$

Question Number : 89 Question Id : 49690195 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If x is a positive real number, then which one of the following is false?

x ఒక ధన వాస్తవ సంఖ్య అయితే, అప్పుడు ఈ క్రింది వానిలో ఏది అసత్యము?

Options :

1. ✘ $x + 2 < x + 3$

2. ✘ $x - 3 < x - 2$

3. ✘ $2x < 3x$

4. ✔ $\frac{x}{2} < \frac{x}{3}$

Question Number : 90 Question Id : 49690196 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If $x\%$ of $\frac{7}{8}$ is $\frac{3}{5}$, then $x =$

$\frac{7}{8}$ యొక్క $x\%$ $\frac{3}{5}$ అయితే, అప్పుడు $x =$

Options :

1. ✘ $62\frac{4}{7}$

2. ✘ $64\frac{4}{7}$

3. ✘ $66\frac{4}{7}$

4. ✓ $68\frac{4}{7}$

Question Number : 91 Question Id : 49690197 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

In an election contested by 2 candidates 15 % of the voters did not vote. The winning candidate won by 1530 votes by securing 60% of the votes. Then what is the number of voters in the electorate?

ఇద్దరు అభ్యర్థులు పోటీ చేసిన ఒక ఎన్నిక లో 15% ఓటర్లు ఓటు హక్కు వినియోగించుకోలేదు. గెలిచిన అభ్యర్థి 60% ఓట్లను తెచ్చుకోవడం ద్వారా 1530 ఓట్లతో గెలుపొందారు. అప్పుడు ఓటర్ల జాబితా లోని ఓటర్ల సంఖ్య ఎంత?

Options :

1. ✗ 11000

2. ✗ 10000

3. ✓ 9000

4. ✗ 8000

Question Number : 92 Question Id : 49690198 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

A dealer purchases an article and marks it at 20% higher price. If he sells it with a discount of 15%, then his profit percent is

ఒక వర్తకుడు ఒక వస్తువును కొని, దాని ధరను 20% పెంచి ప్రకటిస్తాడు. అతడు దానిని 15% డిస్కాంట్ తో అమ్మితే అతని లాభ శాతం?

Options :

1. ✗ 10

2. ✓ 2

3. ✗ 20

4. ✗ 5

Question Number : 93 Question Id : 49690199 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

By selling an article for Rs. 6900, a dealer gets a loss of 8%. In order to get a profit of 5% on that article, its selling price (in rupees) should be

ఒక వస్తువును రూ. 6900 కి అమ్మడం వల్ల ఒక డీలర్ 8% నష్టాన్ని పొందుతాడు. ఆ వస్తువు పైన 5% లాభము పొందాలంటే దాని అమ్మకపు ధర(రూ| ల లో).

Options :

1. ✓ 7875
2. ✗ 7750
3. ✗ 7625
4. ✗ 7550

Question Number : 94 Question Id : 496901100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If three partners A, B, C invest Rs. 36,000, Rs. 54,000 and Rs. 72,000 respectively in a business for a period of 12 months, 8 months and 6 months respectively, then the share of C (in rupees) in a profit of Rs. 10,980 at the end of the year is

ముగ్గురు భాగస్వాములు A, B, C లు ఒక వ్యాపారంలో రూ. 36,000, రూ. 54,000 మరియు రూ. 72,000 సొమ్మును వరుసగా 12 నెలలు 8 నెలలు మరియు 6 నెలల కాలానికి పెట్టుబడిగా పెట్టగా, సంవత్సరాంతమున వచ్చిన లాభం రూ 10980 లో C యొక్క వాటా (రూ| ల లో)

Options :

1. ✓ 3660
2. ✗ 3820
3. ✗ 4180
4. ✗ 4230

Question Number : 95 Question Id : 496901101 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

A and B enter into a partnership with capitals Rs. 45,000 and Rs. 60,000 respectively. After 4 months, A invests another Rs. 15,000. Then the ratio in which A and B share the profit at the end of the year is

A మరియు B లు వరుసగా రూ. 45,000 మరియు రూ. 60,000 ల పెట్టుబడితో ఒక వ్యాపారంలోకి ప్రవేశించారు. 4 నెలల తరువాత A మరో రూ. 15,000 లను పెట్టుబడిగా పెట్టాడు. అప్పుడు A మరియు B సంవత్సరాంతమున పొందే లాభాన్ని పంచుకోవలసిన నిష్పత్తి

Options :

1. ✘ 10:11
2. ✔ 11:12
3. ✘ 12:13
4. ✘ 13:14

Question Number : 96 Question Id : 496901102 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

Two pipes A and B can fill an empty tank in 6 hours and 8 hours respectively. After opening both of them for x hours, pipe B is closed and pipe A filled the rest of the tank in 4 hours, then x =

రెండు పైపులు A మరియు B ఒక ఖాళీ తోట్టిని వరుసగా 6 గంటలు మరియు 8 గంటలలో నింపుతాయి. ఆ రెండింటిని x గంటలపాటు తెరచిన తరువాత, B పైపును మూసి, తోట్టిలోని మిగిలి ఉన్న ఆ భాగాన్ని పైపు A చే 4 గంటల్లో నింపినారు. అప్పుడు x =

Options :

1. ✘ $\frac{2}{3}$
2. ✘ $\frac{7}{8}$
3. ✔ $\frac{8}{7}$
4. ✘ $\frac{9}{7}$

Question Number : 97 Question Id : 496901103 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

Tap A and Tap B can fill a tank independently in $3\frac{1}{2}$ hours and $4\frac{1}{2}$ hours respectively. Tap A is opened at 6:00 AM. After that tap B is opened at 7:10 AM, then the time at which tank will be full of water is

కొళాయి A మరియు కొళాయి B లు ఒక తొట్టిను విడివిడిగా $3\frac{1}{2}$ గంటలు మరియు $4\frac{1}{2}$ గంటలలో వరుసగా నింపగలవు . కొళాయి A ని 6 a.m కి ఆ తరువాత కొళాయి B ని 7.10 a .m కి తెరిస్తే ఆ తొట్టి నీటితో పూర్తిగా నింపబడే సమయం

Options :

1. ✘ 8:30 AM
2. ✘ 8:42 $\frac{1}{2}$ AM
3. ✘ 8:38 $\frac{1}{4}$ AM
4. ✔ 8:28 $\frac{3}{4}$ AM

Question Number : 98 Question Id : 496901104 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

Three trains moving with speeds 45 kmph, 60 kmph and 75 kmph respectively took t_1 , t_2 and t_3 hours to travel x , $\frac{5x}{4}$ and $\frac{3x}{2}$ kilometers. Then $t_1:t_2:t_3 =$

గంటకు 45 కి.మీ, గంటకు 60 కి.మీ మరియు గంటకి 75 కి.మీ వేగంతో పోయే మూడు రైళ్ళు x , $\frac{5x}{4}$ మరియు $\frac{3x}{2}$ కి .మీ ప్రయాణం చేయడానికి వరుసగా t_1 , t_2 మరియు t_3 గంటలు తీసుకున్నాయి.

అప్పుడు $t_1:t_2:t_3 =$

Options :

1. ✘ 8:7:6
2. ✘ 85:75:64
3. ✘ 80:72:64
4. ✔ 80:75:72

Question Number : 99 Question Id : 496901105 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

Mr. A travels from P to Q at 60 kmph and returns from Q to P at 40 kmph. If the total time taken for the whole trip is 10 hrs then the distance between P and Q (in kms) is

P నుండి Q కి A గంటకి 60 కి.మీ చొప్పున Q నుండి P కి గంటకి 40 కి.మీ చొప్పున తిరిగి వచ్చాడు. ఈ మొత్తం ప్రయాణానికి అతనికి పట్టిన కాలం 10 గంటలు అయితే P మరియు Q ల మధ్య దూరం (కి.మీ లలో)

Options :

1. ✓ 240
2. ✘ 280
3. ✘ 320
4. ✘ 360

Question Number : 100 Question Id : 496901106 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

Three persons A, B, C can finish a piece of work alone in 16, 24, 32 days respectively. All the three together started the work. But after 2 days A left due to illness and B, C continued it. Then the total number of days in which the work finished is

A, B, C అనే ముగ్గురు వ్యక్తులు ఒక పనిని ఒక్కరే విడివిడిగా 16, 24, 32 రోజులలో వరుసగా పూర్తి చేయగలరు. ఆ ముగ్గురు కలిసి ఆ పనిని మొదలుపెట్టారు. అయితే, 2 రోజుల తరువాత అనారోగ్యం కారణంగా A ఆ పనిని వదిలిపెట్టగా, B మరియు Cలు దానిని కొనసాగించారు. అప్పుడు ఆ పనిని పూర్తి చేయడానికి పట్టిన మొత్తం రోజుల సంఖ్య

Options :

1. ✘ 8
2. ✘ 10
3. ✓ 12
4. ✘ 14

Question Number : 101 Question Id : 496901107 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

A and B can do a work in 12 days, B and C in 15 days, C and A in 20 days. The number of days required for all the three put together to complete the work is

ఒక పనిని A మరియు B లు 12 రోజులలో, B మరియు C లు 15 రోజులలో C మరియు A లు 20 రోజులలో చేయగలరు. ముగ్గురూ కలిసి ఆ పనిని పూర్తి చేయడానికి పట్టే రోజుల సంఖ్య

Options :

1. ✓ 10
2. ✗ 16
3. ✗ 20
4. ✗ 30

Question Number : 102 Question Id : 496901108 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

The area (in cm^2) of a right angled isosceles triangle whose diagonal length is 40 cm, is

40 సెం.మీ వికర్ణం పొడవుగా గలిగిన లంబకోణ సమద్విబాహు త్రిభుజం యొక్క వైశాల్యం (చ.సెం.మీ లలో)

Options :

1. ✗ 100
2. ✗ $200\sqrt{2}$
3. ✓ 400
4. ✗ $800\sqrt{2}$

Question Number : 103 Question Id : 496901109 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If the area and perimeter of a rectangle are respectively 2016 cm^2 and 260 cm, then the difference between the length of its sides is

ఒక దీర్ఘ చతురస్రం యొక్క వైశాల్యం మరియు చుట్టుకొలత వరుసగా 2016 చ.సెం.మీ మరియు 260 సెం.మీ అయితే, అప్పుడు దాని భుజముల పొడవుల మధ్య భేదం

Options :

1. ✗ 92

2. ✓ 94

3. ✘ 96

4. ✘ 98

Question Number : 104 Question Id : 496901110 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

A tent is in the form of a cylinder surmounted by a cone. The radius of the base of the cylinder is 30 feet and its height is 10 feet. If the total height of the tent is 20 feet, then the volume enclosed by the tent (in cubic feet) is

ఒక గుడారము ఒక స్థూపముపై , ఒక శంఖువును బోర్లించిన ఆకారంలో ఉంది. స్థూపము ఆధార వ్యాసార్థము 30 అడుగులు మరియు దాని ఎత్తు 10 అడుగులు. ఆ గుడారము మొత్తము ఎత్తు 20 అడుగులు అయితే ఆ గుడారము ఆవరించే ఘన పరిమాణం (ఘన అడుగులలో)

Options :

1. ✘ 120π

2. ✘ 1200π

3. ✓ 12000π

4. ✘ 140π

Question Number : 105 Question Id : 496901111 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

The volume of a cube (in cubic feet) whose total surface area is 384 square feet is

సంపూర్ణ తల వైశాల్యం 384 చ.అడుగులు గా గలిగిన ఒక ఘనము యొక్క ఘన పరిమాణం(ఘన అడుగులలో)

Options :

1. ✘ 468

2. ✓ 512

3. ✘ 525

4. ✘ 1000

Question Number : 106 Question Id : 496901112 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

A trapezium has height 18 cm. If the difference between the lengths of the parallel sides is 24 cm and its area is 504 sq.cm, then the length of its longer side (in cms) is

ఒక సమలంబ చతుర్భుజం ఎత్తు 18 సెం.మీ దాని సమాంతర భుజముల పొడవులు మధ్య భేదం 24 సెం.మీ మరియు దాని వైశాల్యం 504 చ సెం.మీ అయితే, అప్పుడు దాని పొడైన (పెద్దదైన) భుజం యొక్క పొడవు (సెం.మీ లలో)

Options :

1. ✓ 40
2. ✘ 36
3. ✘ 30
4. ✘ 24

Question Number : 107 Question Id : 496901113 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

Let S be the surface area of a cube of edge 9 cm. This cube is cut into smaller cubes of edge 3 cm each. If S_1 is the sum of the surface areas of all the smaller cubes then $S:S_1=$

9 సెం.మీ అంచును కలిగి ఉన్న ఘనము యొక్క సంపూర్ణతల వైశాల్యం ను S అనుకొండి. ఈ ఘనమును ప్రతి ఒక్కదాని అంచు 3 సెం.మీ గల చిన్న ఘనములుగా కోసినారు. అన్ని చిన్న ఘనములు సంపూర్ణతల వైశాల్యముల మొత్తము S_1 అయితే, అప్పుడు $S:S_1=$

Options :

1. ✘ 3:1
2. ✓ 1:3
3. ✘ 3:2
4. ✘ 2:3

Question Number : 108 Question Id : 496901114 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

The larger and smaller radii of a frustum of a cone are 18 cms and 8 cms respectively. If the height of that frustum is 12 cm then its volume (in cubic centimetres) is

ఒక శంఖువు తునక లేదా భిన్నము యొక్క పెద్దదైన మరియు చిన్నదైనట్టి వ్యాసార్థములు వరుసగా

18 సెం.మీ మరియు 8 సెం.మీ. ఆ యొక్క ఎత్తు 12 సెం.మీ అయితే, అప్పుడు దాని ఘన

పరిమాణము (ఘన సెం.మీ లలో)

Options :

1. ✘ 1040 π
2. ✘ 1552 π
3. ✘ 1864 π
4. ✔ 2128 π

Question Number : 109 Question Id : 496901115 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

If a number in binary code is 110110011 then its value in decimal code is

బైనరీ కోడులో ఒక సంఖ్య 110110011 అయితే, అప్పుడు దశాంశకోడులో దాని యొక్క విలువ.

Options :

1. ✔ 435
2. ✘ 419
3. ✘ 371
4. ✘ 307

Question Number : 110 Question Id : 496901116 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Arithmetical Ability

అంకగణిత సామర్థ్యత

The last digit in 7^{151} is

7^{151} లోని చివరి అంకె

Options :

1. ✘ 9

2. ✘ 7

3. ✔ 3

4. ✘ 1

Question Number : 111 Question Id : 496901117 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If p, q, r are three statements, then $(p \rightarrow (q \rightarrow r))$ is equivalent to

p, q, r లు మూడు ప్రవచనాలు అయితే, అప్పుడు $(p \rightarrow (q \rightarrow r))$ కి తుల్యం అయ్యేది

Options :

1. ✘ $(p \rightarrow q) \rightarrow r$

2. ✔ $(p \wedge q) \rightarrow r$

3. ✘ $(p \vee q) \rightarrow r$

4. ✘ $p \rightarrow (q \vee r)$

Question Number : 112 Question Id : 496901118 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

The contrapositive of the statement $p \rightarrow q$ is

$p \rightarrow q$ ప్రవచనము యొక్క పరివర్తితము

Options :

1. ✘ $(\sim p) \rightarrow q$

2. ✘ $(\sim p) \rightarrow (\sim q)$

3. ✔ $(\sim q) \rightarrow (\sim p)$

4. ✘ $q \rightarrow p$

Question Number : 113 Question Id : 496901119 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

Let $A = \{x \in \mathbb{R} | x^2 < 9\}$ and $B = \{x \in \mathbb{R} | 4 < x^2 < 16\}$ then $A \cap B =$

$A = \{x \in \mathbb{R} | x^2 < 9\}$ మరియు $B = \{x \in \mathbb{R} | 4 < x^2 < 16\}$ అనుకోండి . అప్పుడు $A \cap B =$

Options :

1. ✓ $(-3, -2) \cup (2, 3)$

2. ✗ ϕ

3. ✗ $(2, 3)$

4. ✗ $(-3, -2)$

Question Number : 114 Question Id : 496901120 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If a set A has 3 elements, then the number of reflexive relations that can be defined on A is

ఒక సమితి A లో 3 మూలకాలు ఉంటే, A పై నిర్వచించగల పరావర్తన సంబంధముల సంఖ్య

Options :

1. ✗ 8

2. ✗ 16

3. ✗ 32

4. ✓ 64

Question Number : 115 Question Id : 496901121 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

For $x \neq 0$ define $f: \mathbb{R} \rightarrow \mathbb{R}$ by $2f(x) - 3f\left(\frac{1}{x}\right) = x^2$. Then $f(3) =$

$x \neq 0$ కి, $f: \mathbb{R} \rightarrow \mathbb{R}$ ని $2f(x) - 3f\left(\frac{1}{x}\right) = x^2$ గా నిర్వచించండి, అప్పుడు $f(3) =$

Options :

1. ✓ $-11/3$

2. ✗ -5

3. ✗ $11/3$

4. ✘ 5

Question Number : 116 Question Id : 496901122 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

The y-intercept of the line $\frac{3y-7}{4} = \frac{4x+1}{5}$ is

సరళరేఖ $\frac{3y-7}{4} = \frac{4x+1}{5}$ యొక్క y-అంతర ఖండము

Options :

1. ✘ $-7/3$

2. ✘ $7/3$

3. ✘ $-39/15$

4. ✔ $39/15$

Question Number : 117 Question Id : 496901123 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If a line passes through the points $(-7, 18)$ and $(32, 5)$, then the sum of the intercepts made by the line on the coordinate axes is

ఒక సరళరేఖ $(-7, 18)$ మరియు $(32, 5)$. బిందువుల గుండా పోతుంటే ఈ రేఖ నిరూపక అక్షాలపై చేసే

అంతర ఖండముల మొత్తం

Options :

1. ✘ 63

2. ✘ 47

3. ✔ $188/3$

4. ✘ $145/3$

Question Number : 118 Question Id : 496901124 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

$$\sin 75^\circ =$$

Options :

1. ✘ $\frac{\sqrt{3}+1}{\sqrt{3}-1}$

2. ✘ $\frac{\sqrt{3}-1}{\sqrt{3}+1}$

3. ✘ $\frac{\sqrt{3}-1}{2\sqrt{2}}$

4. ✔ $\frac{\sqrt{3}+1}{2\sqrt{2}}$

Question Number : 119 Question Id : 496901125 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

$$\tan 85^\circ \tan 50^\circ - \tan 85^\circ - \tan 50^\circ =$$

Options :

1. ✔ 1

2. ✘ -1

3. ✘ $\frac{1}{\sqrt{2}}$

4. ✘ $\sqrt{2}$

Question Number : 120 Question Id : 496901126 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If $\sec A + \tan A = \frac{1}{5}$, then the quadrant in which $\angle A$ lies is

$\sec A + \tan A = \frac{1}{5}$ అయితే, $\angle A$ వ్యవస్థితం అయ్యే పాదము

Options :

1. ✘ I

2. ✘ II

3. ✘ III

4. ✓ IV

Question Number : 121 Question Id : 496901127 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

The top of a tower makes angles of elevation 30° and 45° at the two points A, B which are collinear with the foot of the tower on the level ground. If $AB=100\text{m}$, then the height of the tower. (in meters) is

క్షీతిజము పై గోపురం పాదముతో సరేఖీయమైన రెండు బిందువులు A మరియు B ల వద్ద ఒక

గోపురం కొన చేసే ఉర్ధ్వ కోణాలు 30° and 45° , $AB = 100$ మీ అయితే, ఆ గోపురం ఎత్తు (మీటర్లలో)

Options :

1. ✗ $50\sqrt{2}$

2. ✓ $50(\sqrt{3} + 1)$

3. ✗ $100(\sqrt{3} + 1)$

4. ✗ $100\sqrt{3}$

Question Number : 122 Question Id : 496901128 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If $x + y + z = 8$, $x^3 + y^3 + z^3 - 3xyz = 128$ then $x^2 + y^2 + z^2 =$

$x + y + z = 8$, $x^3 + y^3 + z^3 - 3xyz = 128$ అయితే, అప్పుడు $x^2 + y^2 + z^2 =$

Options :

1. ✗ 8

2. ✗ 16

3. ✗ 24

4. ✓ 32

Question Number : 123 Question Id : 496901129 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

A polynomial of degree 4, with leading coefficient one and with rational coefficients for which $2 - \sqrt{3} - \sqrt{5}$ is a zero is

ప్రధాన లేదా అగ్ర గుణకము ఒకటిగాను మరియు అకరణీయ గుణకములతోను ఉంటూ $2 - \sqrt{3} - \sqrt{5}$ ని ఒక శూన్యముగా గలిగిన తరగతి నాలుగు గల బహుపది.

Options :

1. ✘ $x^4 + 8x^3 + 8x^2 + 32x + 44$
2. ✘ $x^4 - 8x^3 + 8x^2 + 32x + 44$
3. ✘ $x^4 + 8x^3 + 8x^2 + 32x - 44$
4. ✔ $x^4 - 8x^3 + 8x^2 + 32x - 44$

Question Number : 124 Question Id : 496901130 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If $px + q$ is the remainder when $x^4 + 7x^3 + 13x^2 + 4x - 3$ is divided by $x^2 + 2x + 5$, then $q - p =$

$x^4 + 7x^3 + 13x^2 + 4x - 3$ ని $x^2 + 2x + 5$ చే భాగింపగా వచ్చే శేషము $px + q$ అయితే,

అప్పుడు $q - p =$

Options :

1. ✘ -10
2. ✔ 24
3. ✘ -24
4. ✘ 10

Question Number : 125 Question Id : 496901131 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

A polynomial in x leaves remainders -1 and 7 when it is divided by $x + 1$ and $x - 3$ respectively. If the same polynomial is divided by $x^2 - 2x - 3$ then the remainder will be

x లో ఒక బహుపదిని $x+1$ మరియు $x-3$ చే భాగించినప్పుడు వరుసగా -1 మరియు 7 లను

శేషముగా ఇస్తుంది. అదే బహుపదిని $x^2 - 2x - 3$ చే భాగించినప్పుడు వచ్చే శేషము

Options :

1. ✓ $2x + 1$

2. ✗ $2x - 1$

3. ✗ 6

4. ✗ -7

Question Number : 126 Question Id : 496901132 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

The present age of a father is 4 times that of his son. After 10 years father's age is twice that of his son. Then the difference of their present ages is

ఒక తండ్రి ప్రస్తుత వయస్సు అతని కొడుకు వయసుకు 4 రెట్లు. 10 సంవత్సరాల తరువాత తండ్రి వయసు కొడుకు వయసుకే రెట్టింపు. అప్పుడు వారి ప్రస్తుత వయస్సుల మధ్య తేడా?

Options :

1. ✓ 15

2. ✗ 20

3. ✗ 25

4. ✗ 5

Question Number : 127 Question Id : 496901133 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If $\frac{24}{x+y} + \frac{30}{x-y} = 7$ and $\frac{30}{x+y} - \frac{9}{x-y} = 1$, then $2x + 4y =$

$\frac{24}{x+y} + \frac{30}{x-y} = 7$ మరియు $\frac{30}{x+y} - \frac{9}{x-y} = 1$ అయితే, అప్పుడు $2x + 4y =$

Options :

1. ✗ 12

2. ✗ 18

3. ✗ 24

4. ✓ 30

Question Number : 128 Question Id : 496901134 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If the sum to $2n$ terms of the arithmetic progression 2, 5, 8, is equal to the sum to n terms of the arithmetic progression 57, 59, 61, then $n =$

అంఖ శ్రేణి 2, 5, 8, యొక్క $2n$ పదాల వరకు గల మొత్తం , అంఖ శ్రేణి 57, 59, 61,

యొక్క n పదాల వరకు గల మొత్తమునకు సమానమయితే అప్పుడు $n =$

Options :

1. ✓ 11

2. ✘ 10

3. ✘ 12

4. ✘ 13

Question Number : 129 Question Id : 496901135 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

In a geometric progression with positive common ratio, the ratio of 13^{th} term to the 7^{th} term is 27:1 then the ratio of its 9^{th} term to 16^{th} term is

ధన పదానుపాతముతో గల గుణ శ్రేణి లో 13 వ పదానికి 7వ పదానికి గల నిష్పత్తి 27:1 అయితే దాని

9 వ పదానికి 16 వ పదానికి మధ్య గల నిష్పత్తి

Options :

1. ✘ $\frac{1}{3\sqrt{3}}$

2. ✘ $\frac{1}{9}$

3. ✘ $\frac{1}{9\sqrt{3}}$

4. ✓ $\frac{1}{27\sqrt{3}}$

Question Number : 130 Question Id : 496901136 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If the constant term in the binomial expansion of $(2x^2 - \frac{1}{3x})^p$ is $\frac{p}{q}$ where GCD of $(p, q) = 1$, then $q - p =$

గ.సా.భా $(p, q) = 1$ అయినప్పుడు $(2x^2 - \frac{1}{3x})^p$ యొక్క ద్వీపద విస్తరణలోని స్థిరపదం $\frac{p}{q}$ అయితే, అప్పుడు $q - p =$

Options :

1. ✖ 17
2. ✖ 18
3. ✔ 19
4. ✖ 20

Question Number : 131 Question Id : 496901137 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If $(1 + x)^{10} = a_0 + a_1x + a_2x^2 + \dots + a_{10}x^{10}$ then $3(a_0 + a_2 + a_4 + \dots + a_{10}) - 2(a_1 + a_3 + a_5 + \dots + a_9) =$

$(1 + x)^{10} = a_0 + a_1x + a_2x^2 + \dots + a_{10}x^{10}$ అయితే, అప్పుడు $3(a_0 + a_2 + a_4 + \dots + a_{10}) - 2(a_1 + a_3 + a_5 + \dots + a_9) =$

Options :

1. ✖ 256
2. ✔ 512
3. ✖ 1024
4. ✖ 1536

Question Number : 132 Question Id : 496901138 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If $A = \begin{bmatrix} 7 & 1 & 5 \\ 3 & 1 & -2 \\ -4 & 3 & 2 \end{bmatrix}, B = \begin{bmatrix} 1 & 4 & -6 \\ 2 & -1 & 5 \\ 7 & 0 & -3 \end{bmatrix}$ then the trace of the matrix AB is

$A = \begin{bmatrix} 7 & 1 & 5 \\ 3 & 1 & -2 \\ -4 & 3 & 2 \end{bmatrix}, B = \begin{bmatrix} 1 & 4 & -6 \\ 2 & -1 & 5 \\ 7 & 0 & -3 \end{bmatrix}$ అయితే, అప్పుడు AB మాత్రిక జాడ

Options :

1. ✖ 44

2. ✖ 33

3. ✔ 88

4. ✖ 11

Question Number : 133 Question Id : 496901139 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If B is a symmetric matrix and C is a skew symmetric matrix of the same order such that $B+C=A$ then $C=$

$B+C=A$ అయ్యేటట్లుగా B ఒక సౌష్ఠవ మాత్రిక మరియు C ఒక విషమ సౌష్ఠవ మాత్రిక అవుతూ అవి

ఒకే పరిమాణం కలిగి ఉంటే అప్పుడు $C =$

Options :

1. ✖ $\frac{1}{2}(A + A^T)$

2. ✖ $\frac{1}{2}(A^T - A)$

3. ✔ $\frac{1}{2}(A - A^T)$

4. ✖ $\frac{1}{2}AA^T$

Question Number : 134 Question Id : 496901140 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

$$\lim_{n \rightarrow \infty} \frac{1^2 + 2^2 + \dots + n^2}{n^3} =$$

Options :

1. ✖ 0

2. ✖ 1

3. ✖ 1/2

4. ✔ 1/3

Question Number : 135 Question Id : 496901141 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If $y = \frac{7x^2+3x}{x^3+5}$, then $\left(\frac{dy}{dx}\right)_{x=2} =$

$y = \frac{7x^2+3x}{x^3+5}$ అయితే, అప్పుడు $\left(\frac{dy}{dx}\right)_{x=2} =$

Options :

1. ✘ 5/39
2. ✘ -5/39
3. ✔ -5/169
4. ✘ 5/169

Question Number : 136 Question Id : 496901142 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If the area of an equilateral triangle is $25\sqrt{3}$ sq.cm, then its perimeter (in cm) is

ఒక సమ బాహు త్రిభుజం యొక్క వైశాల్యం $25\sqrt{3}$ చ. సెం.మీ అయితే, అప్పుడు దాని చుట్టుకొలత (సెం.మీ లలో)

Options :

1. ✘ 15
2. ✔ 30
3. ✘ 25
4. ✘ 40

Question Number : 137 Question Id : 496901143 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If the length of the diagonals of a Rhombus are 48 cm and 14 cm, then its perimeter (in cm) is

ఒక సమ చతుర్భుజం యొక్క వికర్ణముల పొడవులు 48 సెం.మీ మరియు 14 సెం.మీ అయితే, అప్పుడు దాని చుట్టు కొలత (సెం.మీ లలో)

Options :

1. ✘ 10
2. ✘ 40
3. ✘ 80
4. ✔ 100

Question Number : 138 Question Id : 496901144 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If an arc of a circle of radius 21 cm subtends an angle 60° at the centre of the circle, then the length of that arc (in cms) is (take $\pi = \frac{22}{7}$)

21 సెం.మీ వ్యాసార్థము గల ఒక వృత్తము యొక్క చాపము దాని కేంద్రము వద్ద 60° కోణము చేస్తుంటే అప్పుడు ఆ చాపము పొడవు సెం.మీ లలో ($\pi = \frac{22}{7}$ గా తీసుకోండి)

Options :

1. ✘ 1260
2. ✔ 22
3. ✘ 630
4. ✘ 11

Question Number : 139 Question Id : 496901145 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

The ratio in which the point (1, -1) divides the line segment joining the points (-2, -8) and (7, 13) is

(-2, -8) మరియు (7, 13) బిందువులను కలిపే రేఖా ఖండమును (1, -1) బిందువు విభజించే నిష్పత్తి

Options :

1. ✘ 1:3

2. ✖ 3:1

3. ✖ 2:1

4. ✔ 1:2

Question Number : 140 Question Id : 496901146 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Algebraic and Geometrical Ability

బీజీయ, జ్యామితీయ సామర్థ్యత

If (2, 3), (4, -5), (-1, 7) and (-8, -10) are consecutive vertices of a quadrilateral, then the product of the lengths of its diagonals is

(2, 3), (4, -5), (-1, 7) మరియు (-8, -10) లు ఒక చతుర్భుజము యొక్క వరుస శీర్షములు

అయితే, అప్పుడు దాని వికర్ణముల యొక్క పొడవుల లబ్ధము

Options :

1. ✔ 65

2. ✖ 18

3. ✖ 325

4. ✖ 324

Question Number : 141 Question Id : 496901147 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

The arithmetic mean of the first 70 odd positive integers is

మొదటి 70 బీసీ ధన పూర్ణంకాల అంఖ మధ్యమము

Options :

1. ✖ 17.5

2. ✖ 35

3. ✔ 70

4. ✖ 105

Question Number : 142 Question Id : 496901148 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

If a data contains the first 12 natural numbers with corresponding frequencies as the squares of those natural numbers then the median of the data is

ఒక దత్తాంశము మొదటి 12 సహజ సంఖ్యలను, వాటికి అనుగుణము అయ్యే పౌనః పున్యములుగా ఆ సహజ సంఖ్యల వర్గములను కలిగి ఉంటే, అప్పుడు ఆ దత్తాంశము యొక్క మధ్యగతము

Options :

1. ✘ 6
2. ✔ 10
3. ✘ 8
4. ✘ 9

Question Number : 143 Question Id : 496901149 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

The mode of the following data

ఈ క్రింది దత్తాంశము యొక్క బాహుళకము

Class Interval తరగతి అంతరము	20 – 30	30 – 40	40 – 50	50 – 60	60 – 70
Frequency పౌనః పున్యము	5	10	13	8	7

Options :

1. ✘ 41.25
2. ✔ 43.75
3. ✘ 45.50
4. ✘ 47.00

Question Number : 144 Question Id : 496901150 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

The variance of 49, 53, 57, ..., 89 is

49, 53, 57, ..., 89 యొక్క విస్తృతి

Options :

1. ✘ 10
2. ✘ 20
3. ✘ 40
4. ✔ 160

Question Number : 145 Question Id : 496901151 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

The standard deviation of the observations 105, 110, 115, ,135 is

పరిశీలనలు 105, 110, 115, ,135 ల యొక్క క్రమ విచలనము

Options :

1. ✘ 15
2. ✘ 12
3. ✔ 10
4. ✘ 8

Question Number : 146 Question Id : 496901152 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

If $(x_i, y_i), i = 1, \dots, 7$ are the ranks of the variables X, Y respectively such that $\sum(x_i - y_i)^2 = 14$, then the rank correlation between two variables is

$(x_i, y_i), i = 1, \dots, 7$ లు x,y అనే రెండు చలరాశుల ర్యాంకుల యొక్క $\sum(x_i - y_i)^2 = 14$ అయితే,

ఆ రెండు చలరాశుల ర్యాంకుల సహసంబంధగుణకం

Options :

1. ✔ 0.75
2. ✘ 0.60

3. ✖ 0.50

4. ✖ 0.40

Question Number : 147 Question Id : 496901153 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

When three cards are drawn at random from a well shuffled pack of 52 cards, the probability of getting at least one spade card is

చక్కగా కలిపిన 52 చీట్ల పేక ముక్కల కట్ట నుండి యాదృచ్ఛికంగా 3 పేక ముక్కలను తీసినప్పుడు, కనీసం ఒక ఇస్పేట్ పేక ముక్క పొందగల సంభావ్యత.

Options :

1. ✖ $\frac{703}{1700}$

2. ✖ $\frac{821}{1700}$

3. ✖ $\frac{947}{1700}$

4. ✔ $\frac{997}{1700}$

Question Number : 148 Question Id : 496901154 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

If an integer is chosen at random from the first 125 natural numbers, then the probability that it is divisible by 6 but not by 8 is

మొదటి 125 సహజ సంఖ్యల నుండి ఒక పూర్ణంకాన్ని యాదృచ్ఛికంగా ఎంపిక చేసినప్పుడు, అది 6 చే భాగింపబడుతూ, 8 చే భాగింపబడనది గా ఉండే సంభావ్యత

Options :

1. ✔ $\frac{3}{25}$

2. ✖ $\frac{4}{25}$

3. ✖ $\frac{22}{25}$

4. ✖ $\frac{21}{25}$

Question Number : 149 Question Id : 496901155 Question Type : MCQ Option Shuffling : Yes Display Question Num

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

A die is cast and a coin is tossed. The probability of getting at least 4 on the die and head on the coin is

ఒక పాచిక దొర్లించి మరియు ఒక నాణాన్ని ఎగురవేశారు. ఆ పాచిక పై కనీసం 4 ను మరియు నాణెం పైన లోమ్మును పొందే సంభావ్యత

Options :

1. ✘ $1/3$

2. ✔ $1/4$

3. ✘ $1/6$

4. ✘ $1/2$

Question Number : 150 Question Id : 496901156 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Statistical Ability

సాంఖ్యిక సామర్థ్యత

The probability that a non-leap year should have 53 Saturdays is

లీపు సంవత్సరం కాని ఒక సంవత్సరంలో 53 శనివారములు ఉండే సంభావ్యత

Options :

1. ✘ $5/7$

2. ✘ $6/7$

3. ✘ $2/7$

4. ✔ $1/7$

Communication Ability

Section Id :	4969013
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	38
Number of Questions to be attempted :	38
Section Marks :	50
Display Number Panel :	Yes
Group All Questions :	Yes

Mark As Answered Required? : Yes
Sub-Section Number : 1
Sub-Section Id : 49690110
Question Shuffling Allowed : Yes

Question Number : 151 Question Id : 496901157 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Choose the correct meaning of the word given:

Alacrity

Options :

1. ✘ Laziness
2. ✘ Smoothness
3. ✘ Roughness
4. ✔ Eagerness

Question Number : 152 Question Id : 496901158 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Choose the correct meaning of the word given:

Beguile

Options :

1. ✘ Belie
2. ✘ Desert
3. ✔ Deceive
4. ✘ Deny

Question Number : 153 Question Id : 496901159 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Choose the correct meaning of the word given:

Abscond

Options :

1. ✘ apprehend
2. ✘ emerge
3. ✘ punish

4. ✓ escape

Question Number : 154 Question Id : 496901160 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct meaning of the word given:

Perpetual

Options :

1. ✗ fleeting

2. ✗ brief

3. ✗ limited

4. ✓ continuous

Question Number : 155 Question Id : 496901161 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct meaning of the word given:

Insolvent

Options :

1. ✗ corrupt

2. ✓ bankrupt

3. ✗ indissoluble

4. ✗ interfering

Question Number : 156 Question Id : 496901162 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct meaning of the word given:

Proliferate

Options :

1. ✗ destroy

2. ✗ provoke

3. ✘ prevent

4. ✔ propogate

Question Number : 157 Question Id : 496901163 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Fill in the blank choosing the correct word:

Raju's changed behavior might _____ his relationship with his wife.

Options :

1. ✔ jeopardize

2. ✘ gamble

3. ✘ plunge

4. ✘ risk

Question Number : 158 Question Id : 496901164 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Fill in the blank choosing the correct word:

I won't put _____ with his senseless talk anymore.

Options :

1. ✘ out

2. ✘ in

3. ✔ up

4. ✘ along

Question Number : 159 Question Id : 496901165 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Fill in the blank choosing the correct word:

Regarding the poet's year of birth, there is no _____ among scholars.

Options :

1. ✔ unanimity

2. ✘ anonymity

3. ✘ equanimity

4. ✘ singularity

Question Number : 160 Question Id : 496901166 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Fill in the blank choosing the correct word:

The ability to sing melodiously is a/an _____ asset.

Options :

1. ✘ adverse
2. ✘ worthless
3. ✘ valueless
4. ✔ priceless

Question Number : 161 Question Id : 496901167 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

A very large and expensive computer capable of supporting thousands of users at the same time.

Options :

1. ✘ Bulk data processor
2. ✔ Mainframe
3. ✘ Server
4. ✘ Workstation

Question Number : 162 Question Id : 496901168 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

A programme that communicates with a web server and displays web pages

Options :

1. ✔ Browser
2. ✘ Portal
3. ✘ Website

4. ✘ Gateway

Question Number : 163 Question Id : 496901169 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

An automated test to tell computers and humans apart is known as _____

Options :

1. ✘ Login

2. ✔ CAPTCHA

3. ✘ Cookie

4. ✘ Firewall

Question Number : 164 Question Id : 496901170 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

The device used to connect a LAN and WAN is

Options :

1. ✘ Bridge

2. ✔ Router

3. ✘ Switch

4. ✘ Hub

Question Number : 165 Question Id : 496901171 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

The file that contains all the data relevant for an application is

Options :

1. ✔ Master file

2. ✘ output file

3. ✘ transaction file

4. ✘ backup file

Question Number : 166 Question Id : 496901172 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

In stock market when share prices are on the rise over a period of time, it is called

Options :

1. ✘ Bear market
2. ✘ Black swan market
3. ✔ Bull market
4. ✘ Rocket market

Question Number : 167 Question Id : 496901173 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

DAC stands for

Options :

1. ✘ Data-to-Access Converter
2. ✘ Database Access Converter
3. ✔ Digital-to-Analog Converter
4. ✘ Double Access Converter

Question Number : 168 Question Id : 496901174 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

In business English CPU stands for

Options :

1. ✘ Cost Paying Unit
2. ✘ Capital Per Unit

3. ✓ Cost Per Unit

4. ✘ Central Processing Unit

Question Number : 169 Question Id : 496901175 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

In banking NEFT means

Options :

1. ✘ National Elective Financial Transfer

2. ✘ Non Electronic Funds Transfer

3. ✘ National Electronic Funds Trading

4. ✓ National Electronic Funds Transfer

Question Number : 170 Question Id : 496901176 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

Blue sky thinking refers to

Options :

1. ✘ brain washing

2. ✓ brain storming

3. ✘ brain drain

4. ✘ brain death

Question Number : 171 Question Id : 496901177 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

Observation is the bottom line of scientific enquiry.

The underlined phrase means

Options :

1. ✘ the least important feature

2. ✘ the last line

3. ✔ the most important feature

4. ✘ the last important feature

Question Number : 172 Question Id : 496901178 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

“Radha walked as though she were a dancer”.

The sentence implies that Radha

Options :

1. ✘ is a dancer

2. ✘ used to be a dancer

3. ✔ walked like a dancer

4. ✘ being a dancer, walked like one

Question Number : 173 Question Id : 496901179 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

This dress doesn't fit me well. I should have tried it _____ before buying it.

Options :

1. ✘ out

2. ✘ off

3. ✔ on

4. ✘ down

Question Number : 174 Question Id : 496901180 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

Priya does not resemble her mother. She takes _____ her father

Options :

1. ✘ up
2. ✘ out of
3. ✔ after
4. ✘ from

Question Number : 175 Question Id : 496901181 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

The house he lives in now is a far cry from the one he once lived in.

The underlined phrase means

Options :

1. ✘ distant from
2. ✔ different from
3. ✘ far more noisy than
4. ✘ more quiet and secluded than

Question Number : 176 Question Id : 496901182 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

Ben said to me, "How old are you?"

Identify the correct equivalent of this sentence in reported speech.

Options :

1. ✘ Ben said to me that how old I was
2. ✘ Ben asked me how old are you
3. ✔ Ben asked me how old I was
4. ✘ Ben asked me how old was I

Question Number : 177 Question Id : 496901183 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Choose the correct answer:

I made _____ awful mistake while counting the money.

Options :

1. ✘ no article
2. ✘ a
3. ✘ my
4. ✔ an

Question Number : 178 Question Id : 496901184 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fill in the blanks with the appropriate phrase/verb/preposition:

I didn't say anything, until she _____ talking

Options :

1. ✘ has finished
2. ✘ will have finished
3. ✘ shall have finished
4. ✔ had finished

Question Number : 179 Question Id : 496901185 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fill in the blanks with the appropriate phrase/verb/preposition:

He _____ his cool, with great difficulty.

Options :

1. ✔ could keep
2. ✘ could tolerate
3. ✘ could be kept
4. ✘ could not tolerate

Question Number : 180 Question Id : 496901186 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fill in the blanks with the appropriate phrase/verb/preposition:

Please help me, _____

Options :

1. ✘ shall you?
2. ✔ will you?
3. ✘ would you?
4. ✘ should you?

Question Number : 181 Question Id : 496901187 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Fill in the blanks with the appropriate phrase/verb/preposition:

The nations had to act in accordance _____ the provisions of the treaty.

Options :

1. ✘ by
2. ✔ with
3. ✘ from
4. ✘ to

Question Number : 182 Question Id : 496901188 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Fill in the blanks with the appropriate phrase/verb/preposition:

They were asked to refrain _____ violence.

Options :

1. ✘ for
2. ✘ by
3. ✘ upon
4. ✔ from

Question Number : 183 Question Id : 496901189 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fill in the blanks with the appropriate phrase/verb/preposition:

Let us exercise regularly _____ we can get fit.

Options :

1. ✘ by that
2. ✘ so as to
3. ✘ for that
4. ✔ so that

Question Number : 184 Question Id : 496901190 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fill in the blanks with the appropriate phrase/verb/preposition:

Raju did not like it when his classmates _____ him

Options :

1. ✔ jeered at
2. ✘ jeered
3. ✘ jeered on
4. ✘ jeered about

Question Number : 185 Question Id : 496901191 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fill in the blanks with the appropriate phrase/verb/preposition:

The young boy was infatuated _____ his classmate.

Options :

1. ✘ by
2. ✔ with
3. ✘ for
4. ✘ about

Sub-Section Number :
Sub-Section Id :
Question Shuffling Allowed :

2
49690111
Yes

Question Id : 496901192 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (186 to 190)

Question Label : Comprehension

Read the following passage and answer questions :

Before the excavation of Harappan cities, scholars thought that Indian civilization had begun in the Ganga valley as Aryan immigrants from Persia and central Asia populated the region around 1250 BCE. The discovery of ancient Harappan cities unsettled that conception and moved the timeline back another 1500 years, situating the Indus Valley Civilization in an entirely different environmental context.

Harappa was a fortified city in modern-day Pakistan and is believed to have been home to as many as 23,500 residents living in sculpted houses with flat roofs made of red sand and clay. The city spread over 150 hectares – 370 acres – and had fortified administrative and religious centres of the same type used in Mohenjo-Daro. Both cities had similar organization and featured citadels, central areas in a city that were heavily fortified – protected with defensive military structures. Additionally, both cities were situated along the Indus River. This structure would have allowed those at the higher levels of the buildings in either city to look down the river and see into the distance.

Sub questions

Question Number : 186 Question Id : 496901193 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which idea is NOT part of the original assumption about the Indian Civilization?

Options :

1. ✘ It all began in the Ganga valley
2. ✘ Aryan immigrants laid the founding civilization
3. ✘ The founding Indian civilization was laid around 1250 BCE
4. ✔ Indigenous civilizations existed prior to Aryan immigration

Question Number : 187 Question Id : 496901194 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

In “unsettled that conception” the underlined word means

Options :

1. ✔ changed
2. ✘ proved
3. ✘ endorsed
4. ✘ solved

Question Number : 188 Question Id : 496901195 Question Type : MCQ Option Shuffling : Yes Display Question Number :

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

To which location did the Harrappan excavations shift the founding civilization

Options :

1. ✘ Narmada valley
2. ✘ Ganga valley
3. ✔ Indus valley
4. ✘ Persia

Question Number : 189 Question Id : 496901196 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which of the following descriptions is NOT correct about the cities, Harrapa and Mohenjo-Daro?

Options :

1. ✘ They had fortified administrative centres
2. ✘ They had religious centres
3. ✘ Both the cities had featured citadels
4. ✔ Both the cities had no administrative centres

Question Number : 190 Question Id : 496901197 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

The Harappa city spread over an area of _____

Options :

1. ✘ 370 hectares
2. ✔ 370 acres
3. ✘ 150 acres
4. ✘ 250 hectares

Sub-Section Number : 3
Sub-Section Id : 49690112
Question Shuffling Allowed : Yes

Question Id : 496901198 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No
Question Numbers : (191 to 195)
Question Label : Comprehension

Read the following passage and answer questions

Two recent publications offer different assessment of the career of the famous British nurse Florence Nightingale. A book by Anne Summers seeks to debunk the idealizations and present a reality at odds with Nightingale's heroic reputation. According to Summers, Nightingale's importance during the Crimean War has been exaggerated: not until near the war's end did she become supervisor of the female nurses. Additionally, Summers writes that the contribution of the nurses to the relief of the wounded was at best marginal. The prevailing problems of military medicine were caused by army organizational practices, and the addition of a few nurses to the medical staff could be no more than symbolic. Nightingale's place in the national pantheon, Summers asserts, is largely due to the propagandistic efforts of contemporary news reporters.

By contrast, the editors of a new volume of Nightingale's letters view Nightingale as a person who significantly influenced not only her age but also subsequent generations. They highlight her ongoing efforts to reform sanitary conditions after the war. For example, when she learned that peacetime living conditions in British barracks were so horrible that the death rate of enlisted men far exceeded that of neighbouring civilian populations, she succeeded in persuading the government to establish a Royal commission on the Health of the Army. She used sums raised through public contributions to found a nurses' training hospital in London. Even in administrative matters, the editors assert, her practical intelligence was formidable: as recently as 1947 the British Army's medical services were still using the cost-accounting system she had devised in the 1860's.

Sub questions

Question Number : 191 Question Id : 496901199 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Anne Summers' book attempts to establish that Florence Nightingale's heroic reputation is _____

Options :

1. ✘ totally deserving
2. ✘ under-rated
3. ✔ at odds with reality
4. ✘ totally undeserving

Question Number : 192 Question Id : 496901200 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

According to Anne Summers, Nightingale occupied a place in the British National Pantheon due to

Options :

1. ✔ propagandist effort of the press
2. ✘ government's indulgence
3. ✘ self-publicity

4. ✘ recommendation

Question Number : 193 Question Id : 496901201 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The word 'barracks' means

Options :

1. ✘ back waters

2. ✘ hospitals

3. ✘ population

4. ✔ housing for soldiers

Question Number : 194 Question Id : 496901202 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Nightingale raised funds, through public contributions, to establish a _____

Options :

1. ✘ Royal Commission on the Health of the Army

2. ✔ Training School for Nurses

3. ✘ Military Cafeteria

4. ✘ Rehabilitation Centre for the Wounded

Question Number : 195 Question Id : 496901203 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The editors of the new volume assert that Nightingale had also shown the lasting practical intelligence in devising a _____

Options :

1. ✘ Dress code for nurses

2. ✘ New pension scheme

3. ✔ Cost-accounting system

4. ✘ Dress code for doctors

Sub-Section Number :

4

Sub-Section Id :

49690113

Question Shuffling Allowed :

Yes

Question Id : 496901204 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Numbers : (196 to 200) Question Label : Comprehension

Read the following passage and answer questions

How you talk, along with other kinds of social codes such as how you dress or how you behave, is an important way of displaying who you are; in other words, of indicating social identity. This question of identity, who we are, how we perceive ourselves and how others perceive us, is not defined simply by factors such as where we were born and brought up, who our parents are or were, and which socio-economic group we happen to belong to. Identity, whether it is on an individual, social or institutional level, is something which we are constantly building and negotiating all our lives through our interaction with others. Identity is also multifaceted: people switch into different roles at different times in different situations, and each of those contexts may require a shift into different, sometimes conflicting, identities for the people involved. One of the ways in which we accomplish and display this shift is through the language we use.

Sub questions

Question Number : 196 Question Id : 496901205 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which of the following does not indicate one's social identity?

Options :

1. ✘ dressing
2. ✘ talking
3. ✔ listening
4. ✘ behaviour

Question Number : 197 Question Id : 496901206 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

According to the passage, identity is

Options :

1. ✘ always determined by one's place of birth
2. ✘ unchanging
3. ✘ dependent on how one perceives the world
4. ✔ constantly negotiable

Question Number : 198 Question Id : 496901207 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Identify the Incorrect statement about identity?

Options :

1. ✘ It is constantly changing
2. ✘ It is multifaceted
3. ✘ Interactions with others help one build one's identity
4. ✔ It is fixed and permanent.

Question Number : 199 Question Id : 496901208 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In "conflicting identities", the word 'conflicting' means

Options :

1. ✘ adverse
2. ✘ unfavourable
3. ✔ opposing
4. ✘ harmonious

Question Number : 200 Question Id : 496901209 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

What serves as a means to display the shift of our identities in different contexts?

Options :

1. ✘ behaviour
2. ✔ language
3. ✘ dressing
4. ✘ our socio-economic group