27 exam27

SSC CGL 2018 Tier I · 4 Jun 2019 · Shift 1

Previous-year question paper · 100 questions · questions only

Section	Questions
General Intelligence & Reasoning	25
General Awareness	25
Quantitative Aptitude	25
English Comprehension	25

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General Intelligence & Reasoning

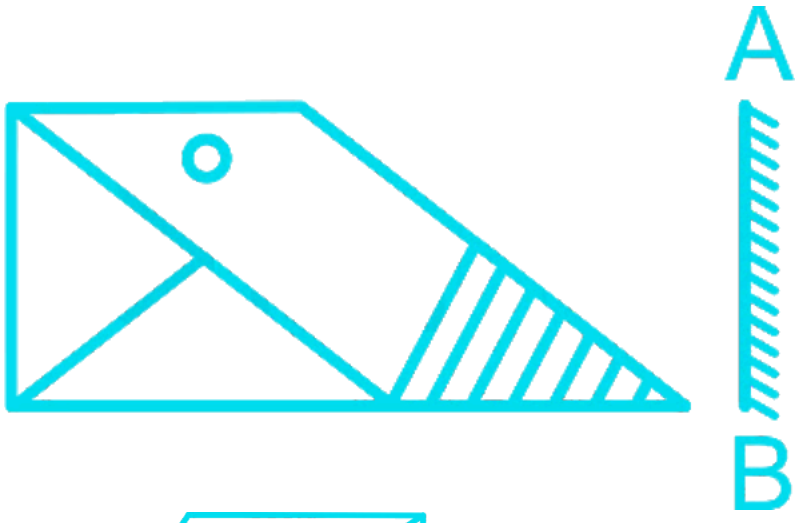
Q. 1.

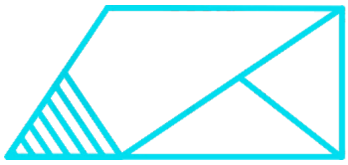
Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

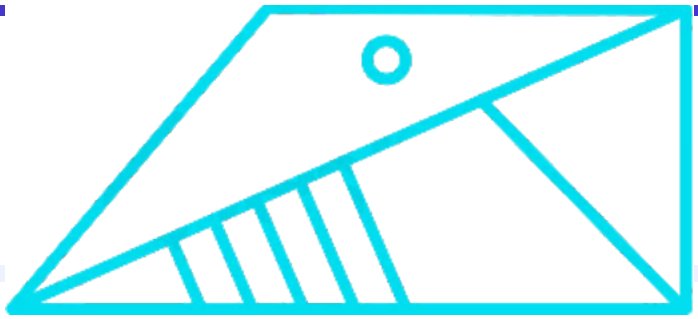
(A) 254
(B) 217
(C) 126
(D) 189

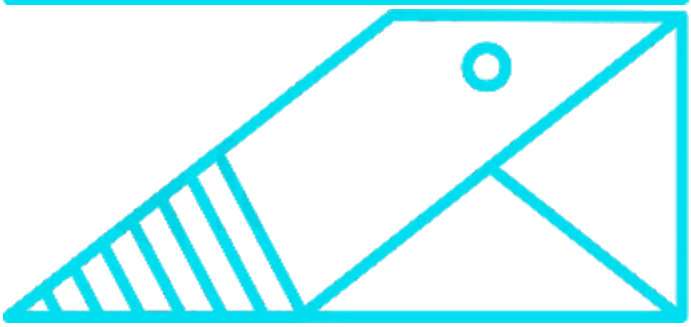
Q. 2.

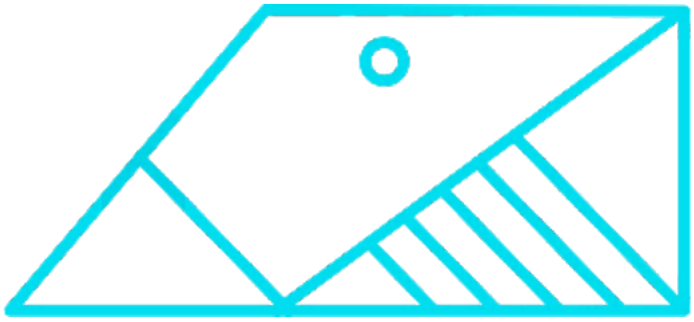
Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



(A) 

(B) 

(C) 

(D) 

Q. 3.

Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

b_bab_bc_abbb_ba_b

(A) cbabc
(B) cbbcb
(C) bcbab
(D) cbbac

Q. 4.

In a code language, VICTORY is written as CIVSYRO. How will TRAITOR be written as in that language?

(A) RTAJORT
(B) ARTJOTR
(C) ARTHROT
(D) RATHORT

Q. 5.

Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

(A) PSUX
(B) CFIL

(C) MOQS

(D) GHIJ

Q. 6.

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster. CEGI : AGEK :: DFHJ : ?

(A) CHFI

(B) BHFL

(C) BDJK

(D) CGIK

Q. 7.

A paper is folded and cut as shown below. How will it appear when unfolded?



(A)



(B)



(C)



(D)

Q. 8.

Which two signs should be interchanged in the following equation to make it correct?

12 – 8 + 12 × 9 ÷ 3 = 9

(A) + and ÷

(B) + and ×

(C) + and -

(D) – and ÷

Q. 9.

Two statements are given followed by three conclusions numbered I, II and

III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Comments :

All rulers are machines.

Some machines are costly items.

Conclusions:

I. Some rulers are costly items.

II. Some costly items are machines.

III. All costly items are machines.

(A) Both conclusions II and III follow

(B) Both conclusions I and II follow

(C) Only conclusion II follows

(D) Only conclusion I follows

Q. 10.

If DIG is coded as 25 and CUT is coded as 49, then how will KICK be coded as?

(A) 43

(B) 41

(C) 34

(D) 39

Q. 11.

Select the set in which the numbers are related in the same way as are the numbers of the following set.

(9, 35, 16)

(A) (81, 65, 36)

(B) (25, 30, 4)

(C) (36, 55, 25)

(D) (16, 50, 64)

Q. 12.

Which number will replace the question mark (?) in the following series?

3, 7, 16, 35, ?, 153

(A) 63

(B) 78

(C) 74

(D) 84

Q. 13.

Arrange the following words in a logical and meaningful order.

1. Buy
2. Dinner
3. Market
4. Vegetables

5. Cook

(A) 4, 5, 3, 1, 2

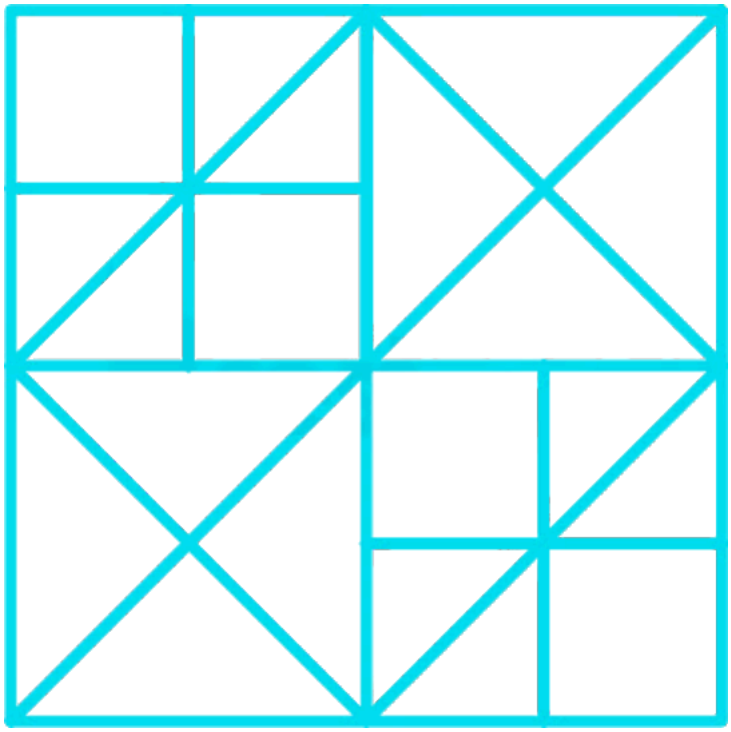
(B) 1, 4, 5, 3, 2

(C) 3, 4, 1, 5, 2

(D) 3, 5, 4, 1, 2

Q. 14.

How many squares are there in the following figure?



(A) 14

(B) 12

(C) 16

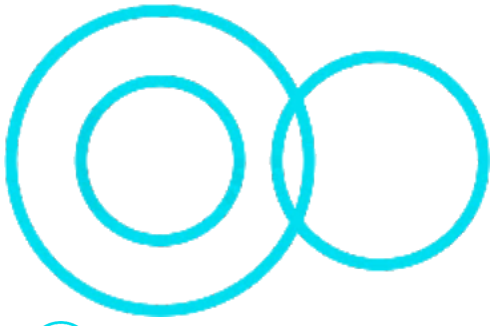
(D) 13

Q. 15.

Select the Venn diagram that best illustrates the relationship between the following classes.

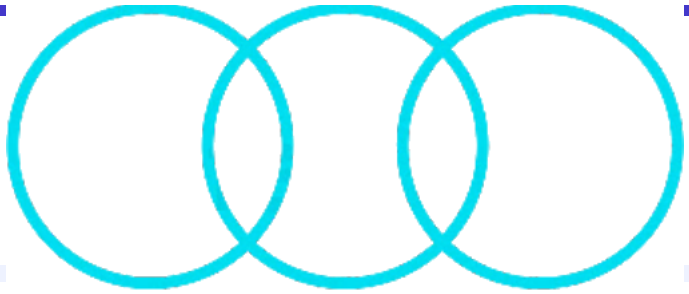
Uncle, Relatives, Rich

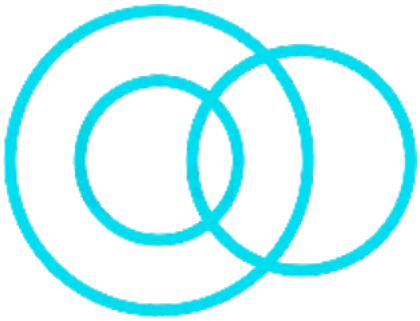
(A)



(B)



(C) 

(D) 

Q. 16.

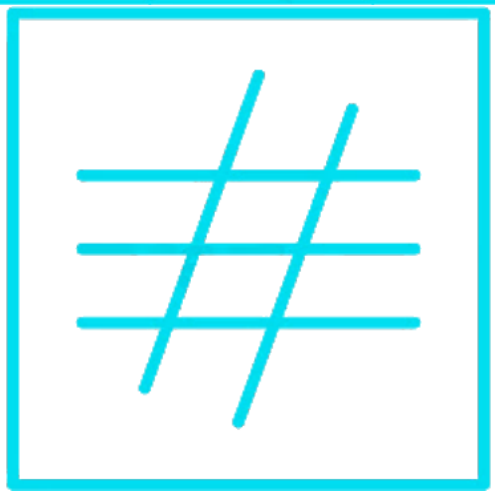
Rs. 1,875 is divided among A, B and C in such a way that A's share is half of the combined share of B and C, and B's share is one-fourth of the combined share of A and C. By what amount is C's share more than that of A?

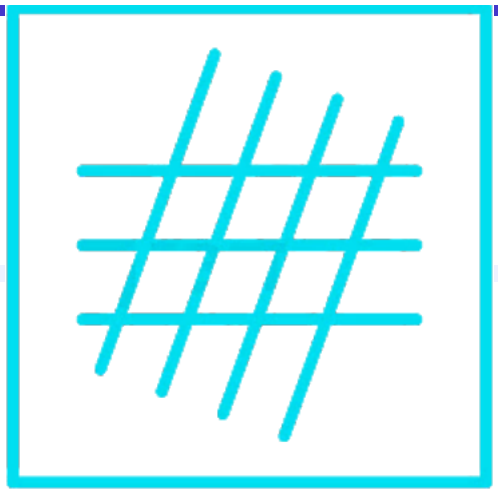
(A) Rs. 250
(B) Rs. 200
(C) Rs. 225
(D) Rs. 500

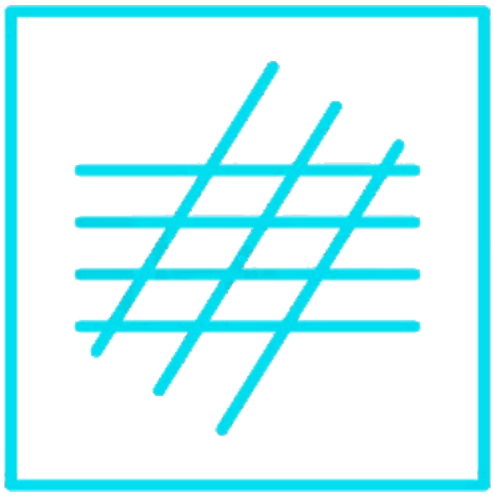
Q. 17.

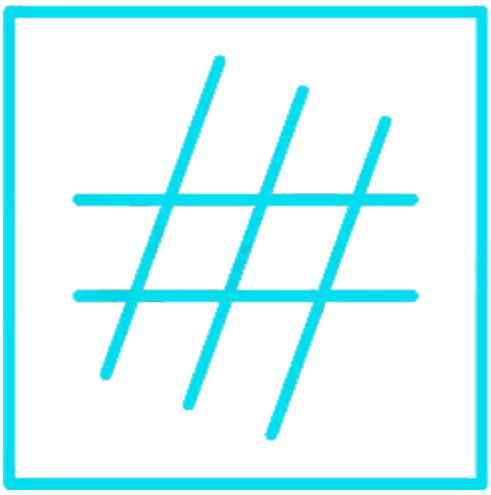
Select the figure that will come next in the following figure series.



(A) 

(B) 

(C) 

(D) 

Q. 18.

Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

(A) Cumin
(B) Groundnut
(C) Mustard
(D) Fennel

Q. 19.

Select the set in which the numbers are related in the same way as are the numbers of the following set.

(3, 24, 4)

(A) (4, 72, 9)

(B) (2, 30, 8)

(C) (12, 84, 4)

(D) (6, 35, 11)

Q. 20.

In a family of eight persons, there are two couples, each having two children. B and D are brothers, and each has two children. E is the aunt of A, who is the cousin brother of C. C is the sister of H, who is the cousin brother of G. F is the wife of B. How is H related to F?

(A) Brother-in-law

(B) Nephew

(C) Son-in-law

(D) Son

Q. 21.

Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair. 36 : 84

(A) 27 : 63

(B) 21 : 51

(C) 57 : 135

(D) 45 : 95

Q. 22.

Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Book : Thesaurus

(A) Reptile : Python

(B) Tree : Forest

(C) Furniture : Wood

(D) Tennis : Ball

Q. 23.

Two different positions of the same dice are shown. Which number will be at the top if 6 is at the bottom?





(A) 2

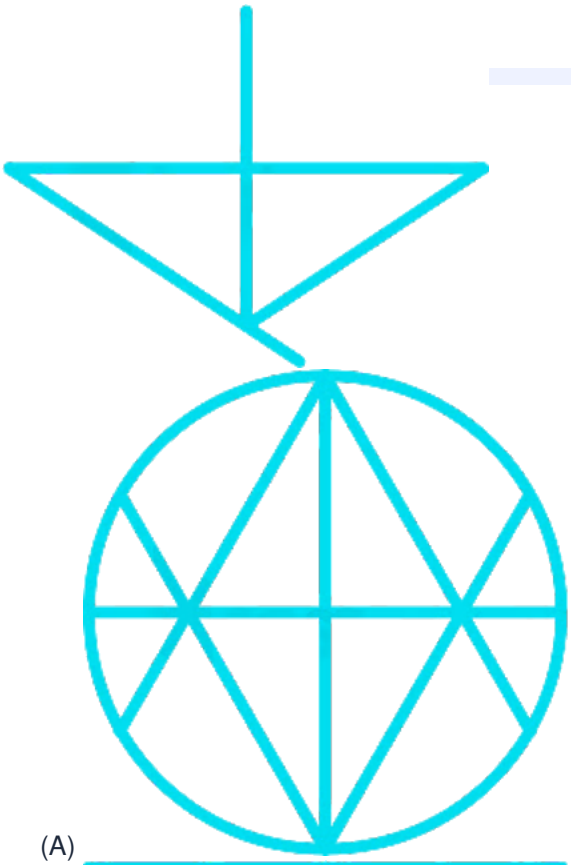
(B) 4

(C) 5

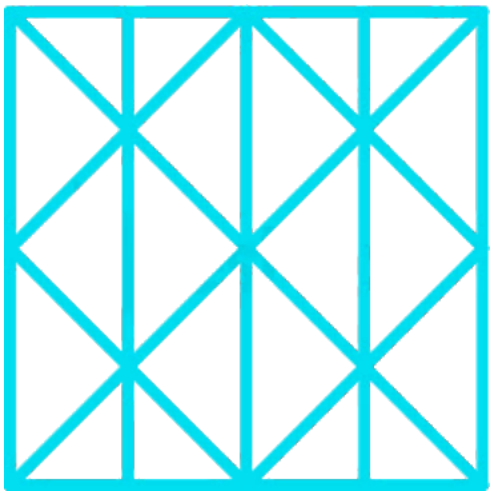
(D) 3

Q. 24.

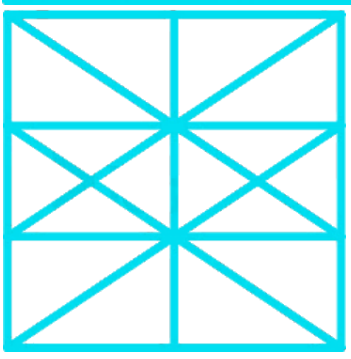
Select the option in which the given figure is embedded.(Rotation not allowed)



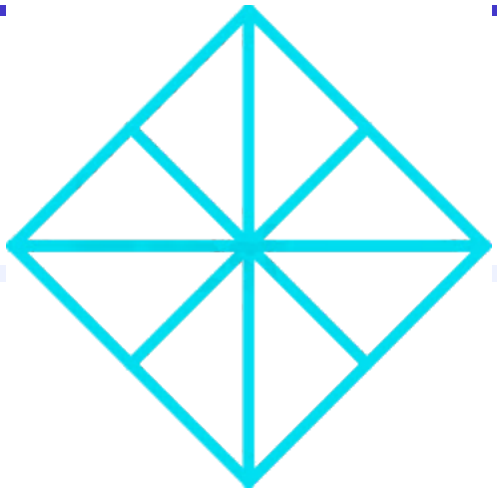
(A)



(B)



(C)



(D)

Q. 25.

'Lawyer' is related to 'Justice' in the same way as 'Arbitrator' is related to '_____'.

(A) Injustice
(B) Settlement
(C) Communication
(D) Judgment

General Awareness

Q. 26.

Who is the first female Director General of Police in Puducherry?

(A) Kiran Bedi
(B) Aswathy Tonge
(C) Sundari Nanda
(D) Kanchan Choudhary

Q. 27.

The _____ edition of the India-Indonesia coordinated patrol (IND- INDO CORPAT) held from 19 March to 4 th April 2019 was inaugurated at Port Blair, Andaman and Nicobar Islands.

(A) 23rd
(B) 33rd
(C) 42nd
(D) 45th

Q. 28.

The Indian National Association was established in 1876 by _____ in Calcutta

(A) Anand Mohan Bose
(B) Sisir Kumar Ghosh
(C) Badruddin Tyabji
(D) V. K. Chiplunkar

Q. 29.

According to The Economist Intelligence Unit report 'Worldwide Cost of Living Survey 2019', which of the following is NOT one of the three cheapest cities in India?

(A) Chennai
(B) New Delhi
(C) Mumbai
(D) Bengaluru

Q. 30.

Who attacked and looted the famous Somnath temple in 1025 AD?

(A) Mahmud of Ghazni
(B) Muhammad Ghori
(C) Genghis Khan
(D) Nadir Shah

Q. 31.

Which gas in its solid state is also known as dry ice?

(A) Oxygen
(B) Nitrogen
(C) Carbon dioxide
(D) Hydrogen

Q. 32.

The lone gold medal for India was won by _____ at the 38 th GeeBee Boxing Tournament held at Helsinki, Finland.

(A) Kavinder Singh Bisht
(B) Naveen Kumar
(C) Shiva Thapa
(D) Mohammed Hussamuddin

Q. 33.

Which country was the first to implement Goods and Services Tax (GST)?

(A) USA
(B) Germany
(C) Canada
(D) France

Q. 34.

The Malimath Committee Report deals with:

(A) stock market reforms
(B) judicial delays
(C) textile sector reforms

(D) criminal justice system reforms

Q. 35.

Which queen died fighting Mughal armies while defending Garha Katanga in 1564?

(A) Rani Ahilyabai
(B) Rani Rudrambara
(C) Rani Durgavati
(D) Rani Avantibai

Q. 36.

The Musi and Bhima are tributaries of the river _____.

(A) Kaveri
(B) Mahanadi
(C) Krishna
(D) Brahmaputra

Q. 37.

The Tata Iron and Steel company (TISCO) was established by Dorabji Tata in:

(A) 1911
(B) 1919
(C) 1907
(D) 1913

Q. 38.

Which of the following places was ruled by the Wadiyar dynasty?

(A) Guwahati
(B) Jabalpur
(C) Patna
(D) Mysore

Q. 39.

The Olympic Council of Asia (OCA) has decided to reintroduce _____in the 2022 Asian Games to be held at Hangzhou, China after it was dropped in 2018.

(A) cricket
(B) fencing
(C) soccer
(D) volleyball

Q. 40.

_____ dance, performed by Buddhists to ward off evil spirits, is a dance form of Himachal Pradesh.

(A) Gogra
(B) Natya

(C) Chham
(D) Dham

Q. 41.

Sundari, a well known species of trees, is found in:

(A) himalayan mountains
(B) tropical deciduous forests
(C) mangrove forests
(D) tropical rainforests

Q. 42.

The property of catenation is predominant in _____.

(A) carbon
(B) silicon
(C) nitrogen
(D) sulphur

Q. 43.

Methyl propane is an isomer of:

(A) n-butane
(B) n-pentane
(C) n-propane
(D) n-hexane

Q. 44.

Which of the following elements is a metalloid?

(A) Phosphorus
(B) Bismuth
(C) Tin
(D) Silicon

Q. 45.

In March 2019, _____ was sworn in as the new chief minister of Goa, following the demise of Manohar Parrikar.

(A) H. D. Kumaraswamy
(B) Pramod Sawant
(C) Vasundhara Raje
(D) Ashok Gehlot

Q. 46.

Name the first ever judge of the Supreme Court against whom the motion of impeachment was introduced into Parliament in Independent India.

(A) Justice Mahajan
(B) Justice Subba Rao
(C) Justice Viraswami
(D) Justice Ramaswami

Q. 47.

'Thoda' a sport dance belongs to which of the following states?
(A) Himachal Pradesh
(B) Haryana
(C) Andhra Pradesh
(D) Sikkim

Q. 48.

J. J. Thomson received the Nobel Prize in Physics for the discovery of _____.
(A) protons
(B) electrons
(C) positrons
(D) neutrons

Q. 49.

Which of the following is mined in the Badampahar mines of Odisha?
(A) Azurite
(B) Dolomite
(C) Bauxite
(D) Hematite

Q. 50.

_____ is the founder of Facebook.
(A) Larry Page
(B) Mark Zuckerberg
(C) Jimmy Wales
(D) Brian Acton

Quantitative Aptitude

Q. 51.

The value of 2 × 3 ÷ 2 of 3 × 2 ÷ (4 + 4 × 4 ÷ 4 of 4 – 4 ÷ 4 × 4) is:
(A) 8
(B) 1
(C) 4
(D) 2

Q. 52.

The average of twelve numbers is 42. The average of the last five numbers is 40, and that of the first four numbers is 44. The 6 th number is 6 less than the fifth and 5 less than the 7 th number. The average of the 5 th and the 7 th numbers is:

(A) 44.5
(B) 44
(C) 43.5
(D) 43

Q. 53.

If $4 - 2\sin^2\theta - 5\cos\theta = 0$, $0° < \theta < 90°$, then the value of $\sin\theta + \tan\theta$ is:

(A) $(3\sqrt{2})/2$
(B) $(3\sqrt{3})/2$
(C) $3\sqrt{2}$
(D) $2\sqrt{3}$

Q. 54.

If a nine-digit number 985x3678y is divisible by 72, then the value of (4x – 3y) is:

(A) 6
(B) 4
(C) 3
(D) 5
2

Q. 55.

If $\sin\theta = \frac{P^2-1}{P^2+1}$, then cos θ is equal to:

(A) $\frac{2P}{P^2-1}$
(B) $\frac{2P}{1+P^2}$
(C) $\frac{P}{1+P^2}$
(D) $\frac{P}{P^2-1}$

Q. 56.

If decreasing 120 by x% gives the same result as increasing 40 by x%, then x% of 210 is how much percent less than (x + 20)% of 180?

(A) $33\frac{1}{3}$
(B) 20
(C) $16\frac{2}{3}$

(D) 18

Q. 57.

A solid cube of volume 13824 cm^3 is cut into 8 cubes of equal volumes. The ratio of the surface area of the original cube to the sum of the surface areas of three of the smaller cubes is:

(A) 4 : 3
(B) 2 : 1
(C) 2 : 3
(D) 8 : 3

Q. 58.

If $x^4 + x^{-4} = 194$, $x > 0$, then the value of $(x - 2)^2$ is:

(A) 1
(B) 2
(C) 3
(D) 6

Q. 59.

In ΔABC, F and E are the points on sides AB and AC, respectively, such that FE||BC and FE divides the triangle in two parts of equal area. If AD ⊥ BC and AD intersects FE at G,Find GD : AG.

(A) $2\sqrt{2} : 1$
(B) $\sqrt{2} : 1$
(C) $(\sqrt{2} - 1) : 1$
(D) $(\sqrt{2} + 1) : 1$

Q. 60.

If $x + y + z = 19$, $x^2 + y^2 + z^2 = 133$ and $xz = y^2$, then the difference between z and x is:

(A) 4
(B) 6
(C) 5
(D) 3

Q. 61.

A circle is inscribed in a triangle ABC. It touches the sides AB, BC and AC at the points R, P and Q respectively. If AQ = 4.5 cm, PC = 5.5 cm and BR = 6 cm, then the perimeter of the ΔABC is:

(A) 26.5 cm
(B) 28 cm
(C) 30.5 cm
(D) 32 cm

Q. 62.

The table shows the production of different types of cars (in thousands).

Cars/Year	2012	2013	2014	2015	2016
A	30	35	48	45	56
B	42	48	40	38	56
C	48	36	38	35	44
D	51	24	30	46	54
E	20	42	40	35	43

What is the ratio of the total production of cars of type A in 2014 and type C in 2013 taken together to the total production of cars of type B in 2016 and type E in 2015 taken together?

(A) 12 : 11
(B) 11 : 12
(C) 12 : 13
(D) 10 : 11

Q. 63.

The table shows the production of different types of cars (in thousands).

Cars/Year	2012	2013	2014	2015	2016
A	30	35	48	45	56
B	42	48	40	38	56
C	48	36	38	35	44
D	51	24	30	46	54
E	20	42	40	35	43

Find the number of years, in which the production of cars of type B is less than the average production of type

D cars over the years.

(A) 2
(B) 4
(C) 1
(D) 3

Q. 64.

The table shows the production of different types of cars (in thousands).

Cars/Year	2012	2013	2014	2015	2016
A	30	35	48	45	56
B	42	48	40	38	56
C	48	36	38	35	44
D	51	24	30	46	54
E	20	42	40	35	43

The total production of type B cars in 2012, 2014 and 2015 taken together is approximately what percent more than the total production of type A cars in 2013 and 2016 taken together?

(A) 31.9%
(B) 34.4%
(C) 33.2%
(D) 36.3%

Q. 65.

In a ΔABC, the bisectors of ∠B and ∠C meet at point O, inside the triangle. If ∠BOC = 122°, then the measure of ∠A is:

(A) 68°
(B) 72°
(C) 62°
(D) 64°

Q. 66.

The table shows the production of different types of cars (in thousands).

Cars/Year	2012	2013	2014	2015	2016
A	30	35	48	45	56
B	42	48	40	38	56
C	48	36	38	35	44
D	51	24	30	46	54
E	20	42	40	35	43

If the data related to the production of cars of type E is represented by a pie chart, then the central angle of the sector representing the data of production of cars in 2013 will be:

(A) 102°
(B) 84°
(C) 80°
(D) 70°

Q. 67.

A person sold an article at a loss of 15%. Had he sold it for Rs. 30.60 more, he would have gained 9%. To gain 10%, he should have sold it for:

(A) Rs. 140.25
(B) Rs. 130
(C) Rs. 128.40
(D) Rs. 132

Q. 68.

The ratio of the efficiencies of A, B and C is 2 : 5 : 3. Working together, they can complete a work in 27 days. B and C together can complete 4/9 th part of that work in:

(A) $17\frac{1}{7}\ days$
(B) 24 days

(C) 15 days

(D) 27 days

Q. 69.

A sum amounts to Rs. 8,028 in 3 years and to Rs. 12,042 in 6 years at a certain rate percent per annum, when the interest is compounded yearly. Find the sum.

(A) Rs. 5,253

(B) Rs. 5,325

(C) Rs. 5,235

(D) Rs. 5,352

Q. 70.

After giving two successive discounts, each of x%, on the marked price of an article, the total discount is Rs. 259.20. If the marked price of the article is Rs. 720, then the value of x is:

(A) 18

(B) 24

(C) 20

(D) 25

2

2

Q. 71.

$\frac{2+\tan^2\theta+\cot^2\theta}{\sec\theta\ cosec\ \theta}$ is equal to:

(A) sec θ cosec θ

(B) cos θ sin θ

(C) tan θ

(D) cot θ

Q. 72.

The ratio of the ages of A and B, four years ago, was 4 : 5. Eight years from now, the ratio of the ages of A and B will be 11 : 13. What is the sum of their present ages?

(A) 96 years

(B) 72 years

(C) 76 years

(D) 80 years

Q. 73.

A truck covers a distance of 384 km at a certain speed. If the speed is decreased by 16 km/h, it will take 2 hours more to covers the same distance. 75% of its original speed (in km/h) is:

(A) 45
(B) 42
(C) 48
(D) 54

Q. 74.

If $(5\sqrt{5}x^3 - 81\sqrt{3}y^3) \div (\sqrt{5}x - 3\sqrt{3}y) = (Ax^2 + By^2 + Cxy)$, then the value of $(6A + B - \sqrt{15}C)$ is:

(A) 12
(B) 9
(C) 10
(D) 15

Q. 75.

In a circle of radius 10 cm, with centre O, PQ and PR are two chords each of length 12 cm. PO bisects chord QR at the points S. The length of OS is:

(A) 3.2 cm
(B) 3 cm
(C) 2.5 cm
(D) 2.8 cm

English Comprehension

Q. 76.

Select the most appropriate antonym of the given word. SCARCE

(A) Seldom
(B) Few
(C) Plentiful
(D) Scanty

Q. 77.

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Seoul's city government is asking people for help to correct poorly translated street signs with prizes on offer for (1)_____ who spot the most errors. It's running (2)_____ two-week campaign calling on Koreans and foreigners (3)_____ to keep their eyes peeled for (4)_____ in English, Japanese and Chinese text, the Korea Times reports. There's a (5)_____ focus on public transport signs, maps and information signs at historic sites, as part of a drive to improve the experience of foreign tourists in the South Korean capital. Select the most appropriate option for blank No. 3.

(A) likely
(B) similarly
(C) same
(D) alike

Q. 78.

Select the wrongly spelt word.

(A) calander
(B) callous
(C) carriage
(D) career

Q. 79.

Select the most appropriate synonym of the given word. COERCE

(A) cajole
(B) leave
(C) enchant
(D) pressurize

Q. 80.

Select the most appropriate meaning of the given idiom. At daggers drawn

(A) bitterly hostile
(B) without hope
(C) deceiving somebody
(D) friendly with each other

Q. 81.

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement. If you park your car here, the traffic policehas fined you .

(A) fined you
(B) No improvement
(C) have fined you
(D) will fine you

Q. 82.

Select the most appropriate meaning of the given idiom. To play ducks and drakes

(A) to be friendly
(B) to act cleverly
(C) to behave recklessly
(D) to change places

Q. 83.

Select the correct passive form of the given sentence. Do not buy medicines without the doctor's prescription.

(A) Medicines should not be bought without the doctor's prescription
(B) Medicines could not be bought without the doctor's prescription
(C) Medicines might not be bought without the doctor's prescription
(D) Medicines need not be bought without the doctor's prescription

Q. 84.

Select the most appropriate antonym of the given word. EXPANSION

(A) inflation
(B) extension
(C) compression
(D) augmentation

Q. 85.

Given below are four jumbled sentences. Select the option that gives their correct order.

A. The cafe's owner says he's interested in conservation, and hopes customers will realise the animals are worth saving, even though they often have a bad reputation.
B. None of them are venomous, meaning customers can get up close and personal with the reptiles.
C. Here you sip your drink in the company of 35 snakes.
D. This cafe, which has just opened up in Tokyo, is not for the faint of heart.

(A) ABCD
(B) DBCA
(C) DCBA
(D) ABDC

Q. 86.

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Seoul's city government is asking people for help to correct poorly translated street signs with prizes on offer for (1)_____ who spot the most errors. It's running (2)_____ two-week campaign calling on Koreans and foreigners (3)_____ to keep their eyes peeled for (4)_____ in English, Japanese and Chinese text, the Korea Times reports. There's a (5)_____ focus on public transport signs, maps and information signs at historic sites, as part of a drive to improve the experience of foreign tourists in the South Korean capital. Select the most appropriate option for blank No. 4.

(A) blunder
(B) oversight
(C) mistakes
(D) guffaws

Q. 87.

In the sentence identify the segment which contains the grammatical error.

We had to decline several orders in case that the production was held up due to labour strike.

(A) We had to decline
(B) in case that
(C) the production was held up
(D) due to labour strike

Q. 88.

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives

given. Select the most appropriate option for each blank.

Seoul's city government is asking people for help to correct poorly translated street signs with prizes on offer for (1)_____ who spot the most errors. It's running (2)_____ two-week campaign calling on Koreans and foreigners (3)_____ to keep their eyes peeled for (4)_____ in English, Japanese and Chinese text, the Korea Times reports. There's a (5)_____ focus on public transport signs, maps and information signs at historic sites, as part of a drive to improve the experience of foreign tourists in the South Korean capital. Select the most appropriate option for blank No. 1.

(A) these
(B) this
(C) those
(D) that

Q. 89.

Given below are four jumbled sentences. Select the option that gives their correct order.

A. An environmental group performed a necropsy on the animal and found about 40 kilograms of plastic, including grocery bags and rice sacks.
B. A 4.7-metre long whale died on Saturday in Phillipines where it was stranded a day earlier.
C. "It' s very disgusting and heartbreaking," he said. "We've done necropsies on 61 dolphins and whales in the last 10 years and this is one of the biggest amounts of plastic we've seen."
D . "The animal died from starvation and was unable to eat because of the trash filling its stomach," said Darrell Blatchley, Director of D' Bone Collector Museum Inc..

(A) DABC
(B) BADC
(C) ABCD
(D) BACD

Q. 90.

Select the most appropriate synonym of the given word. CHRONIC

(A) ordinary
(B) persistent
(C) common
(D) temporary

Q. 91.

Select the wrongly spelt word.

(A) explicit
(B) expire
(C) explode
(D) exploite

Q. 92.

Select the option that can be used as a one-word substitute for the given group of words/phrases.

A person, animal or plant much below the usual height

(A) wizard

historic sites, as part of a drive to improve the experience of foreign tourists in the South Korean capital. Select the most appropriate option for blank No. 5.

(A) important
(B) particular
(C) signifying
(D) meticulous

Q. 98.

Select the most appropriate word to fill in the blank. Around sixty bands in colourful _____ took part in the Notting Hill Carnival.

(A) dressing
(B) apparels
(C) clothings
(D) costumes

Q. 99.

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement. The workers of this textile factorydemand higher wagesfor a long time.

(A) No improvement
(B) demanded higher wages
(C) has demanded higher wages
(D) have been demanding higher wages

Q. 100.

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Seoul's city government is asking people for help to correct poorly translated street signs with prizes on offer for (1)_____ who spot the most errors. It's running (2)_____ two-week campaign calling on Koreans and foreigners (3)_____ to keep their eyes peeled for (4)_____ in English, Japanese and Chinese text, the Korea Times reports. There's a (5)_____ focus on public transport signs, maps and information signs at historic sites, as part of a drive to improve the experience of foreign tourists in the South Korean capital. Select the most appropriate option for blank No. 2.

(A) one
(B) a
(C) an
(D) the