

Examination for Selection Posts Phase VII 2019

Roll No.	WWW.QMATHS.IN
Registration No.	WWW.QMATHS.IN
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Test Venue	iON Digital Zone iDZ 1 Sector 62
Test Time	1:00 PM - 2:00 PM
Test Date	15/10/2019
Subject	Selection Post Higher Secondary Level

Section : General Intelligence

Q.1 Which number will replace the question mark (?) in the following series?

75, 76, 72, 81, 65, ?

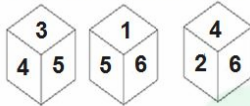
- Ans
- 1. 90
 - 2. 95
 - 3. 85
 - 4. 80

Question ID : 5581011958

Status : Answered

Chosen Option : 1

Q.2 Three different positions of the same dice are shown, the six faces of which are numbered 1 to 6. Which number is on the face opposite the face showing '1'?



- Ans
- 1. 5
 - 2. 3
 - 3. 4
 - 4. 2

Question ID : 5581011962

Status : Answered

Chosen Option : 3

Q.3 A + B means 'A is husband of B'
A - B means 'A is son of B'
A × B means 'A is mother of B'
A ÷ B means 'A is sister of B'
If P - K + D × S ÷ T, then how is P related to T?

- Ans
- 1. Sister
 - 2. Son
 - 3. Brother
 - 4. Mother

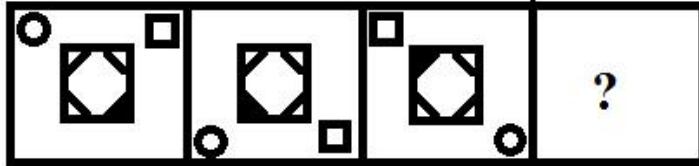
Question ID : 5581011954

Status : Answered

Chosen Option : 3

Q.4

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



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 5581011961
 Status : Answered
 Chosen Option : 3

Q.5 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.

Statements:
 Some phones are keyboards.
 All phones are computers.

Conclusions:
 I. Some keyboards are computers.
 II. Some computers are phones.
 III. No keyboard is computer.

- Ans
- 1. Only conclusion II follows.
 - 2. Only Conclusion I and II follow.
 - 3. Only Conclusion I follows.
 - 4. Either Conclusion I or III follows.

Question ID : 5581011956
 Status : Answered
 Chosen Option : 2

Q.6 In a code language, if 'MEAGRE' is coded as '98', then how will 'REMOTE' be coded in the same language?

- Ans
- 1. 145
 - 2. 150
 - 3. 152

✗ 4. 154

Question ID : 5581011950
Status : Answered
Chosen Option : 3

Q.7 In a code language, 'VICIOUS' is written as 'ERXRLFH'. How will 'RADIUM' be written as in that language?

- Ans
- 1. IZWRFN
 - 2. HZWRGM
 - 3. IZCQFN
 - 4. IZVQFN

Question ID : 5581011948
Status : Answered
Chosen Option : 1

Q.8 Select the option that is related to the third word in the same way as the second word is related to the first word.

Ampere : Electric current : : Kelvin : ?

- Ans
- 1. Luminosity
 - 2. Ammeter
 - 3. Pressure
 - 4. Temperature

Question ID : 5581011944
Status : Answered
Chosen Option : 4

Q.9 In a code language, if 'LUCID' is coded as '33394', then how will 'FRANK' be coded in the same language?

- Ans
- 1. 68151
 - 2. 69152
 - 3. 59142
 - 4. 69142

Question ID : 5581011951
Status : Answered
Chosen Option : 1

Q.10 Which option represents the correct order of the given words as they would appear in English dictionary?

1. Tentative
2. Tenderer
3. Tenant
4. Tendency
5. Tentacle

- Ans
- 1. 3, 4, 2, 1, 5
 - 2. 3, 2, 4, 5, 1
 - 3. 3, 4, 2, 5, 1
 - 4. 4, 3, 2, 5, 1

Question ID : 5581011943
Status : Answered
Chosen Option : 3

Q.11 Which two signs and two numbers should be interchanged to make the given equation correct?

$$81 + 15 \div 5 - 23 \times 27 = 95$$

- Ans
- 1. 27 and 81, + and \times
 - 2. 81 and 23, + and \times
 - 3. 81 and 27, + and $-$
 - 4. 5 and 23, + and $+$

Question ID : 5581011960
Status : Answered
Chosen Option : 1

Q.12 In a code language, if 'MERGER' is coded as '13251872518', 'FRIDGE' is coded as '618814725' then how will 'HOSTEL' be coded in the same language?

- Ans
- 1. 82251819512
 - 2. 8151920512
 - 3. 81519202511
 - 4. 822519202512

Question ID : 5581011949
Status : Answered
Chosen Option : 4

Q.13 Priya is married to Prashant. Raman is father of Aryan and Preeti. Ketaki is daughter of Prashant. Daksha is sister of Aryan. Priya's only daughter's son is Aryan. How is Preeti related to Ketaki?

- Ans
- 1. Maternal Aunt
 - 2. Mother
 - 3. Sister
 - 4. Daughter

Question ID : 5581011955
Status : Answered
Chosen Option : 1

Q.14 Which letter cluster will replace the question mark (?) to complete the given series?

EFFECT, GHFECT, GHHGCT, ?

- Ans
- 1. GHHGEV
 - 2. GHHGFU
 - 3. GHJIFU
 - 4. GHJIEU

Question ID : 5581011940
Status : Answered
Chosen Option : 1

Q.15 Select the option that is related to the third number in the same way as the second number is related to the first number.

17 : 204 :: 21 : ?

- Ans
- 1. 251
 - 2. 250
 - 3. 252
 - 4. 253

Question ID : 5581011959
 Status : Answered
 Chosen Option : 1

Q.16 Two statements are given followed by four conclusions numbered I, II, III and IV. 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.

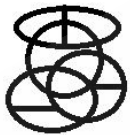
Statements:
 Some goats are animals.
 No animal is bird.

Conclusions:
 I. No animal is goat.
 II. No bird is goat.
 III. Some birds are goats.
 IV. Some animals are goats.

- Ans**
- 1. Either Conclusion II or III and conclusion IV follow.
 - 2. Only Conclusion III and IV follow.
 - 3. All Conclusions follow.
 - 4. Only Conclusion I and II follow.

Question ID : 5581011957
 Status : Answered
 Chosen Option : 1

Q.17 Select the option figure which is NOT embedded in the figure given below. (Rotation is not allowed)







- Ans**
- 1.
 - 2.
 - 3.
 - 4.

Question ID : 5581011963
 Status : Answered
 Chosen Option : 3

Q.18 Select the correct mirror image of the given figure when the mirror is placed at PQ as shown below.



Ans

- ✗ 1. 
- ✓ 2. 
- ✗ 3. 
- ✗ 4. 

Question ID : 5581011964
 Status : Answered
 Chosen Option : 2

Q.19 'Starvation' is related to 'Food' in the same way as 'Injustice' is related to '_____'.
 Ans

- ✓ 1. Fairness
- ✗ 2. Court
- ✗ 3. Resources
- ✗ 4. Judge

Question ID : 5581011945
 Status : Answered
 Chosen Option : 1

Q.20 In a code language, 'MENTAL' is written as 'KZSMDL'. How will 'FIXING' be written as in that language?
 Ans

- ✗ 1. GNMVGD
- ✗ 2. FMHXID
- ✓ 3. FMHWHE
- ✗ 4. GNHWGE

Question ID : 5581011947
 Status : Answered
 Chosen Option : 3

Q.21 Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

1. Aurangabad
2. Maharashtra
3. World
4. Asia
5. India

Ans ✗ 1. 1, 2, 4, 5, 3

2. 1, 2, 5, 4, 3
3. 5, 1, 4, 2, 3
4. 2, 1, 5, 4, 3

Question ID : 5581011942
Status : Answered
Chosen Option : 2

Q.22 Which letter cluster will replace the question mark (?) to complete the given series?

PZQC, TDMY, XHIU, ?

- Ans 1. BLEQ
2. BKEP
3. CLDQ
4. CKDP

Question ID : 5581011941
Status : Answered
Chosen Option : 1

Q.23 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

R _ K _ _ Z _ C _ Z K C

- Ans 1. RZRKR
2. ZCKKR
3. ZCRKR
4. ZRKCR

Question ID : 5581011952
Status : Answered
Chosen Option : 3

Q.24 In a code language, 'TODDLER' is written as 'DOTDREL'. How will 'QUALITY' be written as in that language?

- Ans 1. YTILAUQ
2. AQULTYI
3. UQLAYTI
4. AUQLYTI

Question ID : 5581011946
Status : Answered
Chosen Option : 4

Q.25 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

T _ M _ Y _ T D _ O Y G _ D M _ Y G

- Ans 1. DGOMOT
2. DOGMTO
3. DOGMOT
4. GODYMT

Question ID : 5581011953
Status : Answered
Chosen Option : 2

Section : English Language Basic Knowledge

Q.1 Choose the option that is the passive form of the sentence.

The doctor gave her an injection yesterday.

- Ans
- 1. The doctor had given an injection for her yesterday.
 - 2. She is given an injection by the doctor yesterday.
 - 3. She was gave an injection by the doctor yesterday.
 - 4. She was given an injection by the doctor yesterday.

Question ID : 5581011914
Status : Answered
Chosen Option : 4

Q.2 Identify the segment in the sentence, which contains the grammatical error.

Those whose have lost their identity cards can get new ones issued from the office.

- Ans
- 1. issued from the office
 - 2. Those whose have
 - 3. lost their identity cards
 - 4. can get new ones

Question ID : 5581011913
Status : Answered
Chosen Option : 2

Q.3 Choose the option that is the direct form of the sentence.

Anurag requested his employer for permission to leave office a little early that day.

- Ans
- 1. Anurag asked his employer, "Please I can leave office a little early today?"
 - 2. Anurag asked his employer, "Please, I will leave office a little early today?"
 - 3. Anurag asked his employer, "Please may I leave office a little early today?"
 - 4. Anurag asked his employer, "Please may I left office a little early that day?"

Question ID : 5581011917
Status : Answered
Chosen Option : 3

Q.4 Select the most appropriate option to fill in the blank.

The officer insisted _____ his paying the fine for riding his bike without a helmet.

- Ans
- 1. on
 - 2. in
 - 3. against
 - 4. over

Question ID : 5581011919
Status : Answered
Chosen Option : 1

Q.5 Choose the option that is the indirect form of the sentence.

"Have you heard this story?" Neelu asked me.

- Ans
- 1. Neelu asked me if had I heard this story.
 - 2. Neelu asked me if I had heard that story.
 - 3. Neelu asked me that if I had heard this story.
 - 4. Neelu asked me if I had hear that story.

Question ID : 5581011916
Status : Answered
Chosen Option : 2

Q.6 Choose the option that is the active form of the sentence.

All the children who were selected for the dance were asked to bring their costumes the next day.

- Ans
- 1. The teacher asked all the children who is selected for the dance to bring their costumes the next day.
 - 2. The teacher asked all the children who are going to be selected for the dance to bring their costumes the next day.
 - 3. The teacher asked all the children select for the dance to bring their costumes the next day.
 - 4. The teacher asked all the children who were selected for the dance to bring their costumes the next day.

Question ID : 5581011915
Status : Answered
Chosen Option : 4

Q.7 Select the word with the correct spelling

- Ans
- 1. territory
 - 2. discipel
 - 3. intentionel
 - 4. viscius

Question ID : 5581011927
Status : Answered
Chosen Option : 1

Comprehension:

Read the passage and answer the questions given below it.

Construction and trade are the two sectors that share a dominant part of informal employment with 76 per cent and 72 per cent respectively of all the workers in the non-agriculture, informal sector. Nearly 25 per cent of India's urban employment is dominated by four informal trades: domestic workers, home-based workers, street vendors, and waste pickers. Over 90 per cent of workers in India are in the informal segment, which gives a significant share to the economy. More than 90 per cent of women workers are employed in the informal sector. Some of the reasons for this could be the flexibility of time and work in the home-based units. Further, women are employed more in the informal sector because they are considered to be a cheap source of labour. However, the informal sector does not guarantee economic security, legal protection, equal and fair wages and workers' rights. The workers in this sector therefore land in a very vulnerable situations as the labour legislation or trade union organisation cannot reach there.

SubQuestion No : 8

Q.8 The greatest disadvantage of the informal sector is that _____.

- Ans
- 1. it pays lower and unequal salaries.
 - 2. workers do not get security of work.
 - 3. it has fewer opportunities for movement.
 - 4. labour legislation does not reach workers.

Question ID : 5581011937
Status : Answered
Chosen Option : 2

Comprehension:

Read the passage and answer the questions given below it.

Construction and trade are the two sectors that share a dominant part of informal employment with 76 per cent and 72 per cent respectively of all the workers in the non-agriculture, informal

sector. Nearly 25 per cent of India's urban employment is dominated by four informal trades: domestic workers, home-based workers, street vendors, and waste pickers. Over 90 per cent of workers in India are in the informal segment, which gives a significant share to the economy. More than 90 per cent of women workers are employed in the informal sector. Some of the reasons for this could be the flexibility of time and work in the home-based units. Further, women are employed more in the informal sector because they are considered to be a cheap source of labour. However, the informal sector does not guarantee economic security, legal protection, equal and fair wages and workers' rights. The workers in this sector therefore land in a very vulnerable situations as the labour legislation or trade union organisation cannot reach there.

SubQuestion No : 9

Q.9 Which sectors have the largest share of informal employment?

- Ans
- 1. Agriculture and domestic workers
 - 2. street vendors and trade
 - 3. construction and trade
 - 4. home-based workers and construction

Question ID : 5581011938

Status : Answered

Chosen Option : 1

Comprehension:

Read the passage and answer the questions given below it.

Construction and trade are the two sectors that share a dominant part of informal employment with 76 per cent and 72 per cent respectively of all the workers in the non-agriculture, informal sector. Nearly 25 per cent of India's urban employment is dominated by four informal trades: domestic workers, home-based workers, street vendors, and waste pickers. Over 90 per cent of workers in India are in the informal segment, which gives a significant share to the economy. More than 90 per cent of women workers are employed in the informal sector. Some of the reasons for this could be the flexibility of time and work in the home-based units. Further, women are employed more in the informal sector because they are considered to be a cheap source of labour. However, the informal sector does not guarantee economic security, legal protection, equal and fair wages and workers' rights. The workers in this sector therefore land in a very vulnerable situations as the labour legislation or trade union organisation cannot reach there.

SubQuestion No : 10

Q.10 Which one of the following is NOT a reason why more women are found in the informal sector?

- Ans
- 1. flexible time
 - 2. greater demand
 - 3. flexible work
 - 4. higher wage

Question ID : 5581011936

Status : Answered

Chosen Option : 4

Comprehension:

Read the passage and answer the questions given below it.

Construction and trade are the two sectors that share a dominant part of informal employment with 76 per cent and 72 per cent respectively of all the workers in the non-agriculture, informal sector. Nearly 25 per cent of India's urban employment is dominated by four informal trades: domestic workers, home-based workers, street vendors, and waste pickers. Over 90 per cent of workers in India are in the informal segment, which gives a significant share to the economy. More than 90 per cent of women workers are employed in the informal sector. Some of the reasons for this could be the flexibility of time and work in the home-based units. Further, women are employed more in the informal sector because they are considered to be a cheap source of labour. However, the informal sector does not guarantee economic security, legal protection, equal and fair wages and workers' rights. The workers in this sector therefore land in a very vulnerable situations as the labour legislation or trade union organisation cannot reach there.

SubQuestion No : 11

Q.11 What is the percentage of women workers in the informal sector?

- Ans
- 1. about 72

- 2. less than 25
- 3. less than 76
- 4. more than 90

Question ID : 5581011935
Status : Answered
Chosen Option : 4

Comprehension:

Read the passage and answer the questions given below it.

Construction and trade are the two sectors that share a dominant part of informal employment with 76 per cent and 72 per cent respectively of all the workers in the non-agriculture, informal sector. Nearly 25 per cent of India's urban employment is dominated by four informal trades: domestic workers, home-based workers, street vendors, and waste pickers. Over 90 per cent of workers in India are in the informal segment, which gives a significant share to the economy. More than 90 per cent of women workers are employed in the informal sector. Some of the reasons for this could be the flexibility of time and work in the home-based units. Further, women are employed more in the informal sector because they are considered to be a cheap source of labour. However, the informal sector does not guarantee economic security, legal protection, equal and fair wages and workers' rights. The workers in this sector therefore land in a very vulnerable situations as the labour legislation or trade union organisation cannot reach there.

SubQuestion No : 12

Q.12 Which statement is NOT true according to the passage?

- Ans
- 1. The workers in the informal sector face several types of inequalities
 - 2. In India, the contribution of the informal sector to the economy is large
 - 3. Only women workers are employed as domestic workers and waste pickers
 - 4. In India, informal trades form one-fourth of the urban employment sphere

Question ID : 5581011939
Status : Answered
Chosen Option : 3

Q.13 Select the most appropriate meaning of the underlined idiom in the given sentence.

Heera and her cousin are peas in a pod.

- Ans
- 1. both plump
 - 2. very friendly
 - 3. very similar
 - 4. equally fair

Question ID : 5581011923
Status : Answered
Chosen Option : 2

Q.14 Select the most appropriate antonym of the given word.

WIDESPREAD

- Ans
- 1. intense
 - 2. distributed
 - 3. popular
 - 4. limited

Question ID : 5581011922
Status : Answered
Chosen Option : 4

Q.15 Given below are four jumbled sentences. Pick the option that gives their correct order.

A. It was there that he and his colleagues performed several experiments on light.

- B. His curiosity was aroused and he got off the tram.
 C. One day, when riding to work on a tram, Raman spotted a signboard with the words "Indian Association for the Cultivation of Science."
 D. He walked into the building that was to become his laboratory.

- Ans 1. ABDC
 2. CBDA
 3. CDAB
 4. BACD

Question ID : 5581011920
 Status : Answered
 Chosen Option : 3

Q.16 Select the word which means the same as the group of words given.

The study of nerves

- Ans 1. nephrology
 2. neurology
 3. numerology
 4. neontology

Question ID : 5581011925
 Status : Answered
 Chosen Option : 1

Q.17 Select the most appropriate synonym of the given word.

PROXIMITY

- Ans 1. closeness
 2. heaviness
 3. laziness
 4. tiredness

Question ID : 5581011921
 Status : Answered
 Chosen Option : 1

Comprehension:

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.

Interviews have an internal structure that consists of a beginning, a middle, and an end. The first part (1)_____ to preliminaries, such as greetings, introductions (2)_____ opening remarks of a general nature. The (3)_____ part involves the real exchange of (4)_____ and answers that will allow the people (5)_____ the interview to assess the candidate.

SubQuestion No : 18

Q.18 Select the most appropriate option to fill in blank No.1.

- Ans 1. repeats
 2. relates
 3. reminds
 4. reveals

Question ID : 5581011929
 Status : Answered
 Chosen Option : 2

Comprehension:

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.

Interviews have an internal structure that consists of a beginning, a middle, and an end. The first part (1)_____ to preliminaries, such as greetings, introductions (2)_____ opening remarks of a general nature. The (3)_____ part involves the real exchange of (4)_____ and answers that will allow the people (5)_____ the interview to assess the candidate.

SubQuestion No : 19

Q.19 Select the most appropriate option to fill in blank No.2.

- Ans 1. but
 2. though
 3. and
 4. also

Question ID : 5581011930
 Status : Answered
 Chosen Option : 3

Comprehension:

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.

Interviews have an internal structure that consists of a beginning, a middle, and an end. The first part (1)_____ to preliminaries, such as greetings, introductions (2)_____ opening remarks of a general nature. The (3)_____ part involves the real exchange of (4)_____ and answers that will allow the people (5)_____ the interview to assess the candidate.

SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank No.3.

- Ans 1. actual
 2. last
 3. middle
 4. normal

Question ID : 5581011931
 Status : Answered
 Chosen Option : 2

Comprehension:

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.

Interviews have an internal structure that consists of a beginning, a middle, and an end. The first part (1)_____ to preliminaries, such as greetings, introductions (2)_____ opening remarks of a general nature. The (3)_____ part involves the real exchange of (4)_____ and answers that will allow the people (5)_____ the interview to assess the candidate.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank No.4.

- Ans 1. responses
 2. questions
 3. replies
 4. statements

Question ID : 5581011932
 Status : Answered
 Chosen Option : 1

Comprehension:

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.

Interviews have an internal structure that consists of a beginning, a middle, and an end. The first part (1)_____ to preliminaries, such as greetings, introductions (2)_____ opening remarks of a general nature. The (3)_____ part involves the real exchange of (4)_____ and answers that will allow the people (5)_____ the interview to assess the candidate.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank No.5.

- Ans
- 1. carrying
 - 2. applying
 - 3. conducting
 - 4. employing

Question ID : 5581011933
Status : Answered
Chosen Option : 4

Q.23 Select the word which means the same as the group of words given.

Fear of small things

- Ans
- 1. astraphobia
 - 2. pyrophobia
 - 3. megalophobia
 - 4. microphobia

Question ID : 5581011926
Status : Answered
Chosen Option : 4

Q.24 Select the most appropriate meaning of the underlined idiom in the given sentence.

The ball missed the wicket by a whisker.

- Ans
- 1. by a small margin
 - 2. by using her hands
 - 3. by hitting the bat
 - 4. by a sudden fall

Question ID : 5581011924
Status : Answered
Chosen Option : 1

Q.25 Select the alternative that will improve the underlined part of the sentence. In case there is no improvement select "No improvement"

He walked very slow down a narrow path from his hut to the well.

- Ans
- 1. No improvement
 - 2. walking very slow
 - 3. was walked so slowly
 - 4. walked very slowly

Question ID : 5581011918
Status : Answered
Chosen Option : 1

Section : Quantitative Aptitude Basic Arithmetic Skill

Q.1

The Table given below present the sunrise (SR) and sunset (SS) timings in a city during six consecutive days of a week.
 It is given that the total daylight time (in hrs) = T, and (12-T) expressed in hours is P.

DAYS	D1	D2	D3	D4	D5	D6
SR	0544	0542	0536	0545	0550	0539
SS	1730	1715	1736	1730	1728	1727

If all P's are represented through a pie chart, what will be the central angle (in degrees) of the sector representing D2?

- Ans
- 1. 96
 - 2. 108
 - 3. 126
 - 4. 135

Question ID : 5581011989
 Status : Answered
 Chosen Option : 3

Q.2 The selling price of an article is $1\frac{1}{12}$ of the cost price. What is the profit percentage?

- Ans
- 1. 8
 - 2. $8\frac{1}{3}$
 - 3. $8\frac{1}{2}$
 - 4. $8\frac{1}{6}$

Question ID : 5581011972
 Status : Answered
 Chosen Option : 2

Q.3 The Table given below present the sunrise (SR) and sunset (SS) timings in a city during six consecutive days of a week.
 It is given that the total daylight time (in hrs) = T, and (12-T) expressed in hours is P.

DAYS	D1	D2	D3	D4	D5	D6
SR	0544	0542	0536	0545	0550	0539
SS	1730	1715	1736	1730	1728	1727

What is average of P for D3 to D6 (correct up to two decimal places)?

- Ans
- 1. 0.15
 - 2. 0.20
 - 3. 0.12
 - 4. 0.18

Question ID : 5581011988
 Status : Not Answered
 Chosen Option : --

Q.4 The average of a series of five numbers, in which each term is greater than its previous term by 3, is 12. What is the value of the greatest term?

- Ans
- 1. 24
 - 2. 12

3. 20

4. 18

Question ID : 5581011967

Status : Answered

Chosen Option : 4

Q.5 The simple interest on a principal is one-fifth of the given principal at the end of five years. What is the rate of interest per annum?

Ans 1. 2.5%

2. 5%

3. 4%

4. 2%

Question ID : 5581011976

Status : Answered

Chosen Option : 3

Q.6 ABC is a triangle, where $\angle BAC = 90^\circ$, If $BC = 10$ cm. What is the length of the median AD, in cm?

Ans 1. 8

2. 5

3. 6

4. 4

Question ID : 5581011984

Status : Not Answered

Chosen Option : --

Q.7 The diagonals of a rhombus are respectively 6 cm and 10 cm. What is the area (in cm^2) ?

Ans 1. 15

2. 30

3. 20

4. 60

Question ID : 5581011981

Status : Answered

Chosen Option : 2

Q.8 The total marks for a subject in an examination was 200. It had three components - theory, practical and project, the percentage weightages for the first and the third being 50 and 10 respectively. One of the criteria to pass the examination was to secure at least 60% in practical. A student secured 42 in practical. How much percentage of the total marks should be given to him as grace so that he passes the exam?

Ans 1. 3

2. 5

3. 4

4. 6

Question ID : 5581011971

Status : Not Answered

Chosen Option : --

Q.9 500 showpieces were bought by a person for ₹25,000. He spent ₹5000 on some modification of the items. Thereafter he sold them at an overall profit of 10%. What was the selling price of each showpiece?

Ans 1. ₹60

2. ₹66

3. ₹64

4. ₹63

Question ID : 5581011973

Status : Answered

Chosen Option : 2

Q.10 a, b, c, d, e are five numbers such that their average is 38. The average of b, c, d is 17, and e is less than a by one. What is the value of e ?

Ans 1. 65

2. 67

3. 69

4. 71

Question ID : 5581011968

Status : Answered

Chosen Option : 3

Q.11 What is the value of θ , $0^\circ < \theta < 90^\circ$, if $\cos\theta + \sin\theta = \sqrt{2}$?

Ans 1. 30°

2. 60°

3. 15°

4. 45°

Question ID : 5581011986

Status : Answered

Chosen Option : 4

Q.12 It is given that the 10-digit number $55y1725x00$ is exactly divisible by 88. What is the value of $(y - x)$?

Ans 1. 4

2. 3

3. 2

4. 6

Question ID : 5581011966

Status : Answered

Chosen Option : 3

Q.13 Which among the given numbers are exactly divisible by 7, 11 and 13?

Ans 1. 127721

2. 125127

3. 122227

4. 127127

Question ID : 5581011965

Status : Answered

Chosen Option : 4

Q.14 If 15 men can complete a work in 16 days by working 8 hours daily, then in how many days will 10 men complete the work by working 12 hours daily?

Ans 1. 15

2. 12

3. 10

4. 16

Question ID : 5581011977

Status : Answered

Chosen Option : 4

Q.15 If $\frac{a}{b} = \frac{c}{d} = \frac{e}{f} = \frac{3}{4}$, what is the value of $\frac{a+c+e}{b+d+f}$?

Ans 1. 9/16

2. 3/4

3. 2/3

4. 4/5

Question ID : 5581011975

Status : Not Answered

Chosen Option : --

Q.16 The Table given below present the sunrise (SR) and sunset (SS) timings in a city during six consecutive days of a week.
It is given that the total daylight time (in hrs) = T, and (12-T) expressed in hours is P.

DAYS	D1	D2	D3	D4	D5	D6
SR	0544	0542	0536	0545	0550	0539
SS	1730	1715	1736	1730	1728	1727

On which day P is zero?

Ans 1. D4

2. D5

3. D2

4. D3

Question ID : 5581011987

Status : Answered

Chosen Option : 4

Q.17 It is given that $\Delta ABC \sim \Delta EDF$ and Area ΔABC : Area $\Delta DEF = 64 : 25$.

If AB = 16 cm, BC = 18 cm, CA = 20 cm. What is the value of EF (in cm)?

Ans 1. 15

2. 12.5

3. 11.25

4. 10

Question ID : 5581011985

Status : Not Answered

Chosen Option : --

Q.18 If $x : y = 4 : 5$, then $(2x + 3y) : (8x - 5y)$ is equal to:

Ans 1. 5 : 4

2. 8 : 7

3. 23 : 7

4. 13 : 4

Question ID : 5581011974
Status : Answered
Chosen Option : 3

Q.19 What is the value of $\frac{1}{30.31} + \frac{1}{31.32} + \frac{1}{32.33} + \dots + \frac{1}{89.90}$?

- Ans
1. $\frac{1}{45}$
2. $\frac{2}{15}$
3. $\frac{2}{45}$
4. $\frac{1}{15}$

Question ID : 5581011983
Status : Answered
Chosen Option : 1

Q.20 A train goes from P to Q with an average speed of u km/h and returns from Q to P with an average speed of v km/h. What is its average speed for the entire journey in km/h?

- Ans
1. $\frac{2uv}{u+v}$
2. $\sqrt{\frac{u^2+v^2}{2}}$
3. $\frac{u+v}{2}$
4. \sqrt{uv}

Question ID : 5581011979
Status : Answered
Chosen Option : 1

Q.21 A can do a piece of work in certain number of days, while B takes three days more than A to complete the same work. Working together, A and B can complete the work in two days. How many days does B take to complete the work?

- Ans
1. 8
2. 3
3. 4
4. 6

Question ID : 5581011978
Status : Answered
Chosen Option : 4

Q.22 What is 0.0024% of 0.005?

- Ans
1. 6.0×10^{-5}
2. 1.2×10^{-7}
3. 6.0×10^{-7}
4. 1.2×10^{-5}

Question ID : 5581011970

Status : **Answered**
Chosen Option : 2

Q.23 If $x^4 + \frac{1}{x^4} = 2$, and x is a positive quantity, then x is equal to:

- Ans 1. 1
 2. 2
 3. $\frac{1}{2}$
 4. $\frac{1}{4}$

Question ID : **5581011982**
Status : **Answered**
Chosen Option : 1

Q.24 What is the discount percentage equivalent to three successive discounts of 12%, 10% and 5%?

- Ans 1. 24.76
 2. 26.64
 3. 27
 4. 26

Question ID : **5581011969**
Status : **Answered**
Chosen Option : 1

Q.25 A man travels a distance of 4 km every day. One day he increases his speed by 0.8 km/h than usual speed and reaches his destination 15 minutes earlier. What is the normal speed of the man?

- Ans 1. 3.6 km/h
 2. 4.0 km/h
 3. 3.2 km/h
 4. 3.0 km/h

Question ID : **5581011980**
Status : **Answered**
Chosen Option : 3

Section : General Awareness

Q.1 Which one of the following is the longest beach of India?

- Ans 1. Nevada Beach
 2. Marina Beach
 3. Calangute Beach
 4. Kovalam Beach

Question ID : **5581012000**
Status : **Answered**
Chosen Option : 2

Q.2 The 'Mongmong festival' is a harvest festival of which Indian state?

- Ans 1. Assam
 2. Jharkhand
 3. Nagaland
 4. Chhattisgarh

Question ID : 5581011990
Status : Answered
Chosen Option : 3

Q.3 The _____ crystal system is present in diamond.

- Ans
- 1. Orthorhombic
 - 2. Monoclinic
 - 3. Triclinic
 - 4. Cubic

Question ID : 5581011999
Status : Answered
Chosen Option : 3

Q.4 The Non-Cooperation Movement, which started in September 1920, was withdrawn in _____.

- Ans
- 1. 1922-February
 - 2. 1921-January
 - 3. 1922-December
 - 4. 1921-October

Question ID : 5581012005
Status : Answered
Chosen Option : 2

Q.5 What is the common name for the chemical compound Sodium bicarbonate?

- Ans
- 1. Vinegar
 - 2. Detergent
 - 3. Baking powder
 - 4. Salt

Question ID : 5581011996
Status : Answered
Chosen Option : 3

Q.6 Harihar and Bukka were founders of which one of the following empires?

- Ans
- 1. Pratihara
 - 2. Rashtrakuta
 - 3. Chola
 - 4. Vijaynagar

Question ID : 5581012007
Status : Answered
Chosen Option : 4

Q.7 Gajendra Singh Shikhat is in charge of the Ministry of _____ as of September 2019.

- Ans
- 1. Finance
 - 2. Coal and Mines
 - 3. Minority affairs
 - 4. Jal Shakti

Question ID : 5581012011
Status : Answered

Chosen Option : 4

Q.8 The _____ presides over the Lok Sabha when the Speaker is absent from the sitting of the House.

- Ans
- 1. Leader of the Opposition
 - 2. Deputy Speaker
 - 3. Prime Minister
 - 4. Vice President

Question ID : 5581012013
Status : Answered
Chosen Option : 2

Q.9 _____ was the head of the Jury for feature films in 66th National Awards 2019.

- Ans
- 1. Rahul Rawail
 - 2. Javed Akhtar
 - 3. Shekhar Kapoor
 - 4. Prashoon Joshi

Question ID : 5581011993
Status : Answered
Chosen Option : 4

Q.10 _____ secured gold at the BWF Para-Badminton World Championships 2019.

- Ans
- 1. Manasi Joshi
 - 2. P.V Sindhu
 - 3. Aswini Ponappa
 - 4. Saina Nehwal

Question ID : 5581011995
Status : Answered
Chosen Option : 1

Q.11 In 2019, who has been named the director of London's Nehru Centre, which is under the Indian Council for Cultural Relations?

- Ans
- 1. Durjoy Dutta
 - 2. Amish Tripathi
 - 3. Ravinder Singh
 - 4. Chetan Bhagat

Question ID : 5581012008
Status : Answered
Chosen Option : 1

Q.12 At the time of Sepoy Mutiny, in Kanpur, Nana Sahib was proclaimed as the Peshwa and _____ led his troops.

- Ans
- 1. Chandrashekhar Azad
 - 2. Bakht Khan
 - 3. Kanwar Singh
 - 4. Tantya Tope

Question ID : 5581012004
Status : Answered
Chosen Option : 4

Q.13 Which Indian Tennis player became the most successful Davis cup doubles player with 43 wins?

- Ans
- 1. Yuki Bhambri
 - 2. Mahesh Bhupati
 - 3. Leander Paes
 - 4. Rohan Bopanna

Question ID : 5581012014
Status : Answered
Chosen Option : 3

Q.14 In 2018 World Economic Forum Conference held at Davos Switzerland, which Indian actor was given the Crystal Award?

- Ans
- 1. Salman Khan
 - 2. Amir Khan
 - 3. Akshay Kumar
 - 4. Shah Rukh Khan

Question ID : 5581012010
Status : Answered
Chosen Option : 4

Q.15 'Sua Nach' is a traditional dance form of which Indian state?

- Ans
- 1. Maharashtra
 - 2. Madhya Pradesh
 - 3. Jharkhand
 - 4. Chhattisgarh

Question ID : 5581011991
Status : Answered
Chosen Option : 4

Q.16 The human skull is a collection of _____ bones.

- Ans
- 1. 18
 - 2. 22
 - 3. 30
 - 4. 25

Question ID : 5581011997
Status : Answered
Chosen Option : 2

Q.17 Which crop grows best on well-drained fertile acid soil on high lands?

- Ans
- 1. Jute
 - 2. Coffee
 - 3. Cotton
 - 4. Tea

Question ID : 5581012001
Status : Answered
Chosen Option : 3

Q.18 Uttar Pradesh shares boundary with some states. Which of the following is NOT one of them?

- Ans
- 1. Haryana

2. Himachal Pradesh

3. Odisha

4. Madhya Pradesh

Question ID : 5581012003

Status : Answered

Chosen Option : 3

Q.19 In which year did Tamerlane invade India?

Ans 1. 1362

2. 1287

3. 1398

4. 1249

Question ID : 5581012006

Status : Answered

Chosen Option : 4

Q.20 What is the SI unit for measuring 'Noise'?

Ans 1. Ampere

2. Kelvin

3. Decibel

4. Candela

Question ID : 5581011998

Status : Answered

Chosen Option : 3

Q.21 'Pawnpui' is a traditional textile variety in the state of _____.

Ans 1. Punjab

2. Mizoram

3. Arunachal Pradesh

4. Himachal Pradesh

Question ID : 5581011992

Status : Answered

Chosen Option : 2

Q.22 Which President of India wrote the book 'Ignited Minds'?

Ans 1. A.P.J.Abdul Kalam

2. Pratibha Patil

3. Pranab Mukherjee

4. Ram Nath Kovind

Question ID : 5581012009

Status : Answered

Chosen Option : 1

Q.23 _____ became the first Indian woman track and field athlete to clinch a gold medal in 100 m dash at the World Universiade 2019.

Ans 1. Hima Das

2. P.U.Chitra

3. M R Poovamma

✓ 4. Dutee Chand

Question ID : 5581011994
Status : Answered
Chosen Option : 1

Q.24 Which of the following is the state bird of Haryana?

- Ans
- ✗ 1. Black Drongo
 - ✗ 2. Barn Owl
 - ✗ 3. Great Hornbill
 - ✓ 4. Black francolin

Question ID : 5581012002
Status : Not Answered
Chosen Option : --

Q.25 Under article 100(3) of the Constitution the quorum to constitute a sitting of Lok Sabha is _____ of the total number of Members of the House.

- Ans
- ✗ 1. One Fifth
 - ✗ 2. One Fourth
 - ✗ 3. Half
 - ✓ 4. One Tenth

Question ID : 5581012012
Status : Answered
Chosen Option : 4