## Examination for Selection Posts Phase VII 2019

| Roll No. | WWW.QMATHS.IN |
| :--- | :--- |
| Registration No. | WWW.QMATHS.IN |
| Name | WWW.QMATHS.IN |
| Test Venue | S2A CONSULTANCY SERVICES PVT. LTD. |
| Test Time | 4:00 PM - 5:00 PM |
| Test Date | $16 / 10 / 2019$ |
| Subject | Selection Post Graduate Level |

Section : General Intelligence
Q. 1 Which letter cluster will replace the question mark (?) to complete the given series?

VKQ, XMS, APV, ETZ, ?
Ans

<2. KXE
<3.JXD
4. KYE
Q. 2 Which number will replace the question mark (?) in the following series?
$20,20,22, ?, 40,60,90$
Ans
> 1.26
<2. 25

- 3.28
< 4.27
Q. 3 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.
$V_{-} B \_$_ $T B W_{-} T$ _
Ans
- 1. TWVVB

2. TWVBV
3. WTVBV
4. TVWBB
Q. 4 Which of the option figure is embedded in the figure given below. (Rotation is not allowed)


Ans

Q. 5 In a code language, 'ROLLER' is written as 'TQNJCP'. How will 'DOCILE' be written as in that language?

Ans

1. FPEHID

Х 2. FPFGJC

- 3. FQEGJC

X4.EPFGKD
Q. 6 Which of the option figure will replace the question mark (?) to continue the figure series given below?


Ans


Q. 7 Devki is sister of Ankur. Vinayak is married to Diptee's only daughter, Kruti. Arnab is maternal grandfather of Devki. Diptee is daughter of Mala. Kruti is mother of Ankur. Which of the following statement is correct?

Ans

1. Arnab is son of Mala.
2. Vinayak is son of Arnab.
3. Kruti is daughter of Mala.
4. Devki is daughter of Vinayak.
Q. 8 Which of the following patterns of the dices can be formed when the sheet given below is folded?


Ans
$X$ 1. Only A and D
X 2. Only B and D

X 3. Only A and C
4. Only A
Q. $9 \quad A+B$ means ' $A$ is father of $B$ '
$A \div B$ means ' $A$ is wife of $B$ '
If $M \div \mathbf{Q}+\mathbf{R}+\mathbf{O}$, then which of the following statement is NOT correct?
Ans
X $1 . \mathrm{R}$ is father of 0 .

- 2. M is maternal grandmother of R .

《 $3 . \mathrm{Q}$ is paternal grandfather of O .
(4. R is son of M .
Q. 10 Which two numbers should be interchanged to make the given equation correct?
$40 \times 2-(5 \times 13)+15(4 \times 2)+156 \div 12=152$
Ans
> 1.15 and 13
X2. 40 and 4
ง 3.12 and 13
ス4. 12 and 40
Q. 11 In a code language, if 'MOUNT' is coded as ' 166 ', then how will 'ROUND' be coded in the same language?
Ans

Q. 12 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

ZOM_Q_YO_SQ_X_MS_N
Ans
Х1.SNMOQO
X 2. QMSNOQ

- 3. SNMNOQ

X4.SMNOQM
Q. 13 Select the option that is related to the third number in the same way as the second number is related to the first number.

3:26::5:?
Ans

>2. 121
< 3.123
> 4.122
Q. 14 In a code language, 'PARCEL' is written as 'BQDSMF'. How will 'DESIRE' be written as in that language?
Ans
<1.EFJQFT

- 2. FEJTFS
( 3.FEJUGS
(4. GFKTFS
Q. 15 Select the correct mirror image of the given figure when the mirror is placed to its right side.


Ans

Q. 16 Three 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:
No businessman is farmer.
Some officers are businessman.
All mechanics are officers.
Conclusions:
I. No mechanic is farmer.
II. Some businessmen are farmers.
III. Some mechanics are not officers.

Ans

1. Only Conclusion II and III follows.

- 2. None of the conclusions follow.

3. All the conclusions follow.
4. Only Conclusion I and II follow.
Q. 17 In a code language, if 'MANDATE is coded as '2612881405' then how will 'TECHNIQUE' be coded in the same language?

Ans
X 1.40106162893442
X 2.40561614917215
X 3. 20561628183422
4. 40561628934215
Q. 18 Which option represents the correct order of the given words as they would appear in English dictionary?

1. Magnetic
2. Magician
3. Magnifier
4. Magnitude
5. Magically

Ans
X1.5,2,3,4, 12. $5,2,3,1,4$
3. $5,2,1,3,4$
(4.4,5,2,3,1
Q. 19 Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

1. Sleeping
2. Alarm Ringing
3. Morning breakfast
4. Setting-up Alarm
5. Awakening

Ans

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

Х 2.3,1,5,2,4
<3.4,1,3,5,2
<4.2,1,3,4,5
Q. 20 In a code language, 'GOSPEL' is written as 'SOGLEP'. How will 'DOCKET' be written as in that language?
Ans
X 1. CODKTE
X 2. ODKETE
X 3. TEKCOD

- 4. CODTEK
Q. 21 Select the option that is related to the third word in the same way as the second word is related to the first word.

Bricks: House:: Bones:?
Ans

1. Tissues
(2. Organs
2. Skeleton
(4. Doctor
Q. 22 In a code language, if 'VERY' is coded as '52292', then how will 'SAME' be coded in the same language?
Ans
X 1.8261321
X 2.9261422
X 3.8251421

- 4.8261422
Q. 23 Which letter cluster will replace the question mark (?) to complete the given series?

PRICE, RRICE, RTICE, RTKCE, ?, RTKEG
Ans
Х 1. RTKFE

- 2. RTKEE

3. RTKCE
4. RTKDG
Q. 24 'Persia' is related to 'Iran' in the same way as 'Burma' is related to ' $\qquad$ '.

Ans
X1. Asia
X2. Rangoon
X 3. Tehran
4. Myanmar
Q. 25 Three 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 horses are camels.
Some mouses are camels..
All mouses are ants.
Conclusions:
I. No horses are ants.
II. Some ants are mouses.
III. Some ants are camels.
IV. No mouse is horse.

Ans
Х 1. Only Conclusion I and II follows.
2. Only Conclusion II and III follow.

X 3. Only Conclusion III and IV follow.
X 4 . Only Conclusion I and III follow.

## Section : English Language Basic Knowledge

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

The teacher told Meera to recite the poem.
Ans

- 1. Meera was told to recite the poem by the teacher.

2. Meera is told to recite the poem by the teacher.
3. Meera will be told to recite the poem by the teacher.
4. Meera was told to reciting the poem by the teacher.

## Comprehension:

Read the passage and answer the questions given below it.
Tornadoes are large, destructive columns of spinning air that stretch from a thunderstorm to the ground. They can have wind speeds over 300 miles per hour ( mph ), grow over a mile wide,
and travel over 50 miles before dissolving. Tornadoes are incredibly dangerous and should be avoided at all costs.
Tornadoes, also known as twisters, need a few ingredients in order to form. They require warm, moist winds in the lower atmosphere; cold, dry winds in the upper atmosphere; and a thunderstorm's updraft, or an upward current of air. A tornado forms when the warm, moist winds meet the cold, dry winds. This causes the warm and cold air to spin around each other in an invisible horizontal tube. The updraft then tilts the horizontal spinning winds vertical, causing the winds to spin more violently and form a funnel cloud. Once this funnel cloud grows longer and touches the Earth's surface, it becomes a tornado.
Scientists can't go inside tornadoes which means that they are extremely hard to research. As a result, we know surprisingly little about them. In order to tell how powerful a tornado is, scientists look at how much destruction it causes. Scientists then rank the tornado on the Enhanced Fujita Scale (EF-Scale), which ranges from EFO to EF5. For example, a tornado that only damages trees but doesn't significantly damage buildings would be rated EFO with wind speeds between 65 and 85 mph . A tornado that blows away buildings and rips up sidewalks, on the other hand, would be rated EF5 with wind speeds over 200 mph .
The most powerful tornado in United States history occurred near Oklahoma City in 1999. It had wind speeds over 310 mph , the highest wind speed ever record on Earth. A tornado with wind speeds that high can not only pick up and throw automobiles, it can also knock over trains and tear up roadways.
Luckily for anyone living in an area that experiences the occasional tornado, they usually only last one to 10 minutes. More powerful tornadoes can last over an hour in the right conditions, but they are very rare.
If you find yourself experiencing a tornado, find a safe place inside, like an interior hall, basement, or closet. Stay away from windows and heavy objects that could fall on you, and lay on your stomach with your hands protecting the back of your head. Having a tornado emergency plan is extremely important as tornadoes can appear very quickly. Make sure to listen to the radio or television to stay updated on severe weather patterns in your area.

SubQuestion No : 2
Q. 2 Choose the option that completes the statement correctly.

EF scale tells us about:
Ans

1. how a tornado is going to strike.
2. where a tornado is going to strike

- 3. what the intensity of a tornado is.

4. when a tornado is going to strike.

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SubQuestion No : 3
Q. 3 Choose the option that correctly answers the question.

Which of the following should NOT be done during a tornado?
Ans
入1.Beindoors
2. Take shelter in the basement
3. Lie down on your stomach

- 4. Be close to heavy objects.


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SubQuestion No: 4
Q. 4 Choose the option that answers the question correctly.

Which of the following is NOT a requirement for the formation of a tornado?
Ans

1. warm and humid winds down below
2. cold and dry wind up above
3. upward draft

- 4. funnel cloud


## Comprehension:

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SubQuestion No: 5
Q. 5 Choose the option that completes the statement correctly.

Tornados stretch from
Ans 1. upward winds to downward winds
2. sky to earth

- 3. warm winds to cold winds

4. one side to another side

## Comprehension:

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SubQuestion No : 6
Q. 6 Choose the option that completes the statement correctly.

A tornado can affect the area of $\qquad$ before it subsides.

Ans

1. only at one spot

X 2 . One mile3. unlimited area
4. 50 miles
Q. 7 Given below are four jumbled sentences. Pick the option that gives their correct order.
A. It took us a long time to make the ladder but we finished it before nightfall.
B. We had to fix the ladder to the lower branches of our tree.
C. The ladder was then pulled up and fixed in place.
D. We did this by shooting an arrow, with a rope attached to it, over the branch.

Ans
Х1.CDBA
入 ${ }^{2}$. ABCD

- 3. BDCA

Х4.CBDA

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.

The (1) $\qquad$ of Kaziranga National Park in Assam are (2) $\qquad$ a new plan to save the endangered rhino. Nearly 50 school children from the neighbouring villages will take part in a training programme on (3) $\qquad$ The three-day programme (4) $\qquad$ trekking in the park and (5) $\qquad$ with experts

SubQuestion No: 8
Q. 8 Select the most appropriate option to fill in blank No.1.

Ans $\times$ 1.delegation
(2. people
3. government
4. authorities

## 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.

The (1) $\qquad$ of Kaziranga National Park in Assam are (2) $\qquad$ a new plan to save the endangered rhino. Nearly 50 school children from the neighbouring villages will take part in a training programme on (3) $\qquad$ The three-day programme (4) $\qquad$ trekking in the park and (5) $\qquad$ with experts.

SubQuestion No : 9

## Q. 9 Select the most appropriate option to fill in blank No. 2

Ans
X 1. adapting

- 2. adopting
< 3. fostering
4 4. thinking


## 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.

The (1) $\qquad$ of Kaziranga National Park in Assam are (2) $\qquad$ a new plan to save the endangered rhino. Nearly 50 school children from the neighbouring villages will take part in a training programme on (3) $\qquad$ The three-day programme (4) $\qquad$ trekking in the park and (5) $\qquad$ with experts.

SubQuestion No : 10
Q. 10 Select the most appropriate option to fill in blank No. 3

Ans
(1. conservation
2. endangerment

- 3. compensation
< 4. tourism


## 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.

The (1) $\qquad$ of Kaziranga National Park in Assam are (2) $\qquad$ a new plan to save the endangered rhino. Nearly 50 school children from the neighbouring villages will take part in a training programme on (3) $\qquad$ The three-day programme (4) $\qquad$ trekking in the park and (5) $\qquad$ with experts.

SubQuestion No : 11
Q. 11 Select the most appropriate option to fill in blank No. 4

Ans
\$ 1. inspires
$\checkmark$
2. includes

Х 3. extends
< 4. exudes

## 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.

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SubQuestion No: 12
Q. 12 Select the most appropriate option to fill in blank No. 5

Ans
Х1. disputes
X
2. declamations
3. discrepancies
4. discussions
Q. 13 Choose the option that is the correct active form of the given sentence.

He was ordered by his boss to finish the project soon.
Ans

1. His boss ordered him to finished his project soon.
2. His boss ordered him to finish his project soon.

X 3. His boss order him to finish his project soon.
4. His boss has ordered him to finish his project soon.
Q. 14 Identify the segment in the sentence, which contains the grammatical error.

The monster in the film was the most ugliest I ever saw.
Ans
1 1. The monster
$X$
2. in the film was3. the most ugliest

X4.lever saw
Q. 15 Select the most appropriate alternative to the given group of words.

One who works for the good of others
Ans
X 1. antagonist
2. atheist

- 3. altruist
Q. 16 Choose the option that is the correct direct form of the given sentence.

My professor told me that I was selected to represent our college in the debate competition.
Ans

1. My professor said to me, "You are selected to represent our college in the debate competition."
2. My professor said to me, "I am selected to represent our college in the debate competition."
3. My professor said to me, "You are selected to represent their college in the debate competition."
4. My professor said to me, "You have been selected to represent our college in the debate competition."
Q. 17 Select the alternative that will improve the underlined part of the sentence in case there is no improvement select "No improvement".

Please don't do this mistake again.
Ans
Х 1 . No improvement

- 2. make

X 3. create

- 4. demonstrate
Q. 18 Select the most appropriate antonym of the given word.

ARID
Ans
1 1. parched
< 2 . barren

- 3. fertile
(4.dry
Q. 19 Select the alternative that is appropriate to fill the blank.

She was $\qquad$ to have such a wonderful family.

Ans
(2. favourable

3 3.fortuitous
Q. 20 Select the alternative which is the correct spelling.

Ans
X 1. ilegible

- 2. illegible

X 3. ilegibel
X4.illegbal
Q. 21 Choose the option that is the correct indirect form of the given sentence.

The director said to the actor, "Please memorise your lines properly."
Ans

1. The director request the actor to memorise his lines properly.

- 2. The director requested the actor to memorise his lines properly.

3. The director requested the actor to memorise your lines properly.
4. The director requested the actor memorised his lines properly.
Q. 22 Select the most appropriate synonym of the given word.

INSIPID
Ans

1. delicious
2. appetizing
3.exciting

- 4. bland
Q. 23 Select the alternative that will improve the underlined part of the sentence in case there is no improvement select "No improvement".

We had very strong_rainfall this week.
Ans
Х 1. large
Х 2 . No improvement

- 3 . heavy

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

We bought a beautiful painting but it cost us an arm and a leg.
Ans
1 1. an accident

- 2. a lot of money3. bad luck

4. good luck
Q. 25 Select the most appropriate option to fill in the blank.

His relinquishment $\qquad$ his post deprived him of his chances of promotion.
Ans
>1. with
$x$
2. from3. for
4. of

Section : Quantitative Aptitude Basic Arithmetic Skill
Q. 1 In 2019 if there is $10 \%$ increase in population of city A and $15 \%$ decrease in the population in B as compared to that in 2018, then the population of city A is what percentage more/less than that in B, in that year? (correct to one decimal places)


Ans
X 1. 8.4\% more
X 2. $8.4 \%$ less

- 3. $9.2 \%$ more

X 4. $9.2 \%$ less
Q. 2 The profit earned by selling an article for ₹ 1038 is equal to the loss incurred by selling the same article for $₹ 762$. To gain $25 \%$, the same article should be sold for
Ans
X 1. ₹ 1200
X 2. ₹ 1080

X 3. ₹ 1170

- $4 . ₹ 1125$
Q. 3 A dealer allows $36 \%$ discount on the marked price of an article and still gains $28 \%$. If the cost price of the article is reduced by $10 \%$, how much discount percent should he allow now so as to get the same percentage of profit as before?
Ans
X $1.45 .8 \%$
X 2. 54.2\%
X 3. 57.2\%
- 4. $42.4 \%$
Q. 4 Alloys A and B contain copper and zinc in the ratio $1: 3$ and $3: 5$, respectively. In what ratio $A$ and $B$ be mixed to get a new alloy containing copper and zinc in the ratio $1: 2$ ?
Ans
X1.3:4
X2. 2:1
- 3 . $1: 2$

X4.4:5
Q. 5 If $1-3\left(\cot ^{2} \emptyset-\cos ^{2} \emptyset\right)=\sin ^{2} \emptyset, 0^{\circ}<\theta<90^{\circ}$, then what is the value of $(2 \sin \emptyset+\cos \emptyset)$ ?

Ans
-1. $\frac{2 \sqrt{3}+1}{2}$
X2. $2 \sqrt{5}$
$\times 3$
3. $\frac{\sqrt{3}+2}{2}$
$X$
4. $\frac{\sqrt{3}+1}{2}$
Q. 6 If $9+2\left(3 x-x y+x^{2}\right)+y^{2}=0$, then what is the value of $\left(3 x^{2}-2 x y+5 y^{2}\right)$ ?

Ans $\times 1.45$

- 2. 54

X 3.60
X4. 63

Join the Best Online Mock Tests For SSC, Railways And BANK Exams, Visit http://mocks.qmaths.in
Q. 7 In trapezium $\mathrm{ABCD}, \mathrm{AB} \| \mathrm{DC}$. The sides AD and BC are produced to meet at E . If $\mathrm{AB}=15 \mathrm{~cm}, \mathrm{CD}=10 \mathrm{~cm}, \mathrm{AD}=4 \mathrm{~cm}$ and $\mathrm{BC}=5 \mathrm{~cm}$, then $\mathrm{DE}=$ ?
Ans
X 1.9 cm
$\times 2.10 \mathrm{~cm}$
$\times 3.6 \mathrm{~cm}$

- 4.8 cm
Q. 8 If $\mathrm{x}+9 \mathrm{y}$ is divisible by 5 , where x and y are integers, then what is the remainder when $8 \mathrm{x}+7 \mathrm{y}$ is divided by 5 ?

Ans
$\times 1.2$
$\times 2.3$
×3.1

- 4.0
Q. 9 The ratio of monthly incomes of A and B is $3: 4$ and the ratio of their monthly savings is $7: 6$, If the income of $A$ is equal to twice the expenditure of B , then what is the ratio of the expenditures of A and B ?
Ans
X1.2:1
X2.3:5
X 3. 2:3
- 4 1:2
Q. 10 In $\triangle A B C, \angle C=70^{\circ}$. The bisectors of $\angle A$ and $\angle B$ meet BC and AC in points D and E , respectively. AD and BE intersect each other at $P$. What is the measure of $\angle D P B$ ?
Ans
- $1.55^{\circ}$
$\times 2.65^{\circ}$
$\times 3.35^{\circ}$
$\times 4.45^{\circ}$
Q. 11 If the 8 -digit number $485 x 074 y$ is divisible by 72 and the 6 -digit number $5 z 4678$ is divisible by 11 , then what is the value of $(2 x+3 y-z)$ ?
Ans 1. 18
$\times 2.15$
>

3. 12

X4. 20
Q. 12 A can do a certain work in the same time in which $B$ and $C$ together can do it. A and $B$ together can do it in 10 days and C alone in 15 days. B alone can do $66 \frac{2}{3} \%$ of the same work in
Ans
X 1. 36 days
X2. 45 days
X 3. 30 days

- 4. 40 days
Q. 13 The average of 61 numbers is 54 . The average of first 31 numbers is 50.6 and that of last 31 numbers is 60.4 . If the $31^{\text {st }}$ number is excluded, then what is the average of the remaining numbers?
Ans
X 1.53 .55
- 2. 52.45
$\times 3.51 .65$
$\times 4.51 .75$
Q. 14 A sum amounts to $₹ 3872$ in 2 years and to $₹ 4259.20$ in 3 years at a certain rate percent p.a, if the interest is compounded
annually. What is the simple interest on the same sum for $5 \frac{1}{3}$ year at $6.75 \%$ p.a?
Ans
X 1. ₹ 1240
X 2. ₹ 1224
- 3 ₹ 1152

X4. ₹ 1125
Q. 15 A and B start moving from a place X to Y and Y to X , respectively, at the same time on the same day. After crossing
each other, they complete their remaining journeys in $5 \frac{4}{9}$ hours and $x$ hours, respectively. If the ratio of the speeds (in $\mathrm{km} / \mathrm{h}$ ) of $A$ and $B$ is $9: 7$, then what is the value of $x$ ?

Ans
X $1.8 \frac{1}{2}$

- 2.9
$\times 3.7$
X. $7 \frac{1}{2}$
Q. 16 Anita spends $68 \%$ of her monthly income. If her monthly income increases by $40 \%$ and the expenditure increases by $30 \%$, then by what percent does her saving increase?

Ans

1. $61.25 \%$

X2. $54.25 \%$
$\times$ 3. $48.50 \%$
X4. $62.50 \%$
Q. 17 The cost prices of two articles A and B are in the ratio $3: 5$. Rishu earns a profit of $28 \%$ on A and loses $15 \%$ on B. What is her overall loss/gain percent?
Ans
X 1. Loss, $1.125 \%$
2. Gain, $1.125 \%$

X 3. Gain, 11.25\%
X 4. Loss, $11.25 \%$
Q. 18 If $x+y+z=17, x y+y z+z x=85$, then what is the value of $\sqrt{x^{3}+y^{3}+z^{3}-3 x y z}$ ?

Ans
$\times 1.11 \sqrt{3}$

- 2. $17 \sqrt{2}$

X ${ }^{3 .} 17 \sqrt{3}$
X4. $11 \sqrt{2}$
Q. 19 When the price of sugar increased by $28 \%$, a family reduced its consumption per month such that the expenditure on sugar was only $12 \%$ more than before. If 10 kg sugar was consumed per month before the price rise, then what was the new consumption?
Ans
X 1.8 .50

- 2. 8.75
$\times 3.7 .80$
$\times 4.9 .25$
Q. 20 The average weight of some children in a group was 48.5 kg . When 6 students having average weight 50.4 kg left the group and 4 students having average weight 56.55 kg joined the group, then the average weight of the children in the group increased by 0.8 kg . The number of children, initially, in the group was

Ans
$\times 1.32$
2. 30

- 3.28

4. 26
Q. 21 The average population of city B for all the given years is what percent less than the total population of city A for 2014, 2016 and 2018 ?


Ans

1. 57
-2. 62
Х 3.48
X4. 54
Q. 22

What is the ratio of the total population of city A for 2013, 2015 and 2017 to the total population of city B for 2015 and 2017?


Ans
X1.6:5

- 2. $7: 6$

X 3. $17: 25$
X4.7:8
Q. 23

If $x^{2}-3 x+1=0$, then one of the values of $\frac{x^{2}-8 x-1}{x^{3}+1 / x}$ is:
Ans
X $1 . \frac{\sqrt{5}+8}{7}$
(2. $-7 / 3$
( $3 .-3$

- 4. $\frac{\sqrt{5}-8}{7}$
Q. 24 The sides of a triangular park are $36 \mathrm{~m}, 105 \mathrm{~m}$ and 111 m . What is the cost of levelling the park at $₹ 8.40$ per $\mathrm{m}^{2}$ ?

Ans

- 1. ₹ 15876

X 2. ₹ 14112
X ${ }^{\text {. ₹ }} 14994$
X4. ₹ 17640
Q. 25 If $x=\operatorname{cosec} 49^{\circ}$, then $\tan ^{2} 49^{\circ}+\frac{1}{\sin ^{2} 49^{\circ} \sec ^{2} 41^{\circ}}+\sin ^{2} 41^{\circ}+\frac{1}{\operatorname{cosec}^{2} 49^{\circ}}$ is equal to:

Ans
X1. $2+x^{2}$
X2. $2 x^{2}$
3. $1+x^{2}$

X4. $\frac{1}{x^{2}+1}$

## Section : General Awareness

Q. 1 If a particular religious sect or community has been declared a "National Minority", which of the following is NOT an advantage its members can avail?
Ans

1. Special schemes for enhanced credit support in matters of employment
2. Setting up of separate institutions only for the members of their Community

Х 3. Derive benefits from the Prime Minister's 15 point program
4. Scholarships for meritorious students
Q. 2 Which massive movement began after 1930 Dandi March?

Ans
X 1. Non-cooperation
2. Civil Disobedience

X 3. Quit India
(4. Khilafat
Q. 3 Which of the following two nations share a common border?

Ans 1. Myanmar-Bangladesh
Х 2. Bhutan-Bangladesh
X 3. India-Kazakhstan
X4. Nepal-Bhutan
Q. 4 Karaga is one of the oldest and widely celebrated festivals of $\qquad$
Ans
X 1. Jharkhand
Х 2 . Bihar
3. Karnataka

X4. Sikkim
Q. 5 Identify the third country in the trilateral naval exercise with India and Singapore that took place in September 2019, along with the place at which the exercise commenced.
Ans
X 1. Indonesia, Jakarta
2. Malaysia, Kochi
3. Thailand, Port Blair

X 4. Sri Lanka, Negombo
Q. 6 $\qquad$ range is the largest range of the lower Himalayas.
Ans

1. Dauladhar
2. Zanskar
3. Ladakh
4. Pir Panjal
Q. 7 Photoreceptors of a printer or a photocopy machine is made of which element?

Ans $\times$ 1.Amorphous Phosphorous
X 2 . Caesium
3. Amorphous Silicon

Х 4. Berkelium
Q. $8 \ldots \ldots$ was one of the founders of the Hindustan Socialist Republican Association.

Ans $\quad$ 1. Lala Lajpat Rai
X 2. Feroz Shah Kotla
Х 3. Veer Savarkar

- 4. Chandrashekhar Azad
Q. 9 निम्न में से कौन-सी भारतीय दर्शनशास्त्र के दर्शन को (स्कूल ऑफ़ थॉट) अक्सर "भारतीय भौतिकवाद" कहा जाता है?
Ans
X1. वैशेषिक

2. मीमांसा
3. लोकायत
4. कापालिक
Q. 10 Which of the following is NOT a greenhouse gas?

Ans

1. Carbon dioxide

X 2. Methane

- 3. Nitrogen

X 4. Water vapour
Q. 11 Which of the following musicians is India's only female Shehnai player?

Ans

- 1. Bageshwari Qamar

X
2. Kaushiki Chakraborty

X 3. Girija Devi
Q. 12 Which of the following is NOT a bacteria used in the process of fermentation?

Ans

1. Streptococcus

Х 2. Leuconostoc
3. Lactobacillus

- 4. Campylobacter
Q. 13 Maritime Communication Services to offer broadband services to support those travelling at sea was launched at $\qquad$ in September 2019.

Ans
Х 1 . Delhi2. Mumbai

X 3. chennai
<4. Bengaluru
Q. 14 Solid form of the element carbon is $\qquad$ _.
Ans

1. Limestone2. Diamond

X 3. Carbon dioxide
X4. Methane
Q. 15 Rongali Bihu utsav is the spring festival of $\qquad$ celebrated with great fervour.

Ans
X 1. Manipur
X 2. Uttarakhand
X 3. Meghalaya
4. Assam
Q. 16 The 68th Plenary session of North Eastern Council (NEC) was held in $\qquad$ on 8th \& 9th September 2019.
Ans
3. Assam
4. Nagaland
Q. 17 Who has been appointed as the Interim Chief of Jammu and Kashmir Bank post the removal of Parvez Ahmed?
Ans $\chi$ 1. Anup Sinha
2. B. P. Sharma

- 3. R. K. Chibber

4. Nasser Munjee
Q. 18 In 2019, the Vice President of India, Shri. M. Venkaiah Naidu released a book $\qquad$ which is a compilation of speeches given by the Shri. Ram Nath Kovind President of India.
Ans
X1. Unave Maranthu
5. Bhashan Kala
6. Lend Me Your Ears
v 4. The Republican Ethic
Q. 19 The Bhakra Nangal dam is situated on the $\qquad$ river.
Ans
X 2. Chenab
(3. Ravi

X4.Beas
Q. 20 Which of the following is a Greek travel book listing the ports situated along the Indian coastline?

Ans
1 1. Oedipus Rex

- 2. Periplus Maris Erythraei

3 3. The Colossus of Maroussi
Х 4. Venus Et La Mer
Q. 21 $\qquad$ is a hill pass lying in the middle of India and China.
Ans

1. Bolan Pass
2. Shilpi Pass

3 3. Khyber Pass

- 4. Karakoram Pass
Q. 22 Which Article of the Constitution of India gives the Apex Court absolute power to pass any order or decree as they may deem fit to pursue complete justice?

Ans
X 1. Article 121

- 2. Article 142

X 3. Article 127
$\chi$
4. Article 134
Q. 23 In 2019, the Prime Minister approved the payment of Productivity Linked Bonuses to all Railway Employees. To how many days of labour is the PLB equal to?
Ans
入1.54
>2. 67

- 3.78

Х 4
Q. 24 Dominion Status for the entire territory of India was first demanded in $\qquad$ -.
Ans
X 1. Lucknow Session of Congress, 19162. Gandhi Irwin Pact, 19313. Lahore Session of Congress, 1928
4. Nehru Report, 1928
Q. 25 Which school won the International Football Title - U17 Girls Subroto Cup in September 2019?

Ans

1. Nilmani English School
2. Bangladesh Krida Shiksha Prothishtan

X 3. Dhamrai Hardinge High School
4. Manarat Dhaka International School and College

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