## Exampapers247

Combined Higher Secondary Level (10+2) Examination-2018

| Roll No. |  |
| :--- | :--- |
| Registration No. |  |
| Name |  |
| Test Venue | iON Digital Zone iDZ Sector 34 |
| Test Time | 10:00 AM - 11:00 AM |
| Test Date | 10/07/2019 |

Section : General Intelligence
Q. 1 In a code language, TRILOGY is written as OGYLTRI. How will FRAGILE be written as in that language?
Ans

- 1. ILEGFRA

X 2 . ALEGFRI
X 3. Alegrra
X4. ILEGFRB
Q. 2 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(24,48,36)$
Ans
X ${ }_{1 .}(26,58,46)$
Х 2 . $(15,49,37)$
Х $3 .(45,49,77)$
v $4 .(25,49,37)$
Q. 3 Arrange the following words in a logical sequence as they would appear in the English dictionary.

1. Examine
2. Excited
3. Exclaim
4. Example
5. Execute

Ans
Х1.4,1,3,5,2
2. $5,3,4,1,2$
3. $1,4,2,5,3$
4. $1,4,2,3,5$
Q. 4 Which number will replace the question mark (?) in the following series?
$1,2,6,24,120, ?$
Ans
> 1.240
<2.570
$\checkmark$
3. 720
>4.360
Q. 5 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.

6:40
Ans
<1.15:45
< 2.9:72
Х $3.5: 25$

- $4.7: 53$
Q. 6 Three of the following four letter-clusters are alike in a certain way and one is different.

Pick the odd one out.
Ans

1. EGK2. IKM
<3. BDH
<4. DFJ
Q. 7 How many triangles are present in the following figure?


Ans

[^0]2. 9

X 3.8
X4.11
Q. 8 Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.

## A 5 T P

Ans

Q. 9 Select the Answer Fig. that will come next in the following Problem Fig. series.


Ans

Q. 10 Two positions of a dice are shown below. When the number 3 is at the top, which number would appear at the bottom?


Ans
X1. 2
$\times 2.4$

- 3.1
$\times 4.5$
Q. 11 Select the option in which the given figure $(\mathrm{X})$ is embedded.


Ans

$\times 4$.

Q. 12 'Man' is related to 'Crowd' in the same way as 'Student' is related to $\qquad$ _.
Ans


X2. Cinema
>3.Gang
4. Family
Q. 13 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.

Ans
X 1.145
Х 2.3253. 425

X4.235
Q. 14 If it was a Monday on 1 January 2018, what was the day of the week on 31 December 2018?

Ans

2. Friday

X 3. Sunday
X4. Tuesday
Q. 15 A paper is folded and cut as shown in the following figures ( $\mathrm{X}, \mathrm{Y}$ and Z ). Select the option that depicts how this paper will appear when unfolded?


Ans


Q. 16 Manju introduced Sushma to her friend, "Her (Sushma's) father's only son's wife is my mother-in-law." How is Manju's husband related to Sushma?
Ans
Х1. Son
< 2 . Brother

- 3. Nephew

4. Father
Q. 17 Select the option that is related to the third letter-pair in the same way as the second letterpair is related to the first letter-pair.

DH:HL::GK:?
Ans

- $1 . \mathrm{KO}$

X 2.10
X 3.LM
入4.KL
Q. 18 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:
All hens are eggs.
All birds are eggs.
Some eggs are lions.
Conclusions:
I. Some lions are eggs.
II. Some eggs are hens.
III. Some eggs are birds.
2. Either conclusion II or III follows.
3. Only conclusion I follows.
4. Only conclusions I and II follow.
Q. 19 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(16,25,82)$
Ans
(1. $(11,121,110)$
> 2. $(25,36,51)$
ง 3 . $(36,49,170)$
>4. $(25,49,81)$
Q. 20 If BUS is coded as 126 and FUEL is coded as 176 , then how will SHRUB be coded as?

Ans
<2. 68
<3.204
< 4.272
Q. 21 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

Ans

1. Lucknow

- 2. Punjab
* 3. Mumbai
<4. Patna
Q. 22 Which letter-pair will replace the question mark (?) in the following series?

GD, IF, ? , SP, AX
Ans

- $1 . \mathrm{MJ}$
<2. NM
<3.JK
< 4. MN

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

Pi, Theta, Symbols
Ans
$\checkmark 1$.

$\times 2$

$>3$.

X4.

Q. 24 Which two signs and numbers should be interchanged in the following equation to make it correct?

$$
10+8-200 \times 15 \div 5=407
$$

Ans
v $1 .+$ and -15 and 10
2. $\times$ and $\div 8$ and 5
3. $\times$ and,- 5 and 15
(4. + and $\div, 200$ and 10
Q. 25 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.

Paper: Pen
Ans

1. Blackboard: Chalk

Х 2. Chalk : Duster
X 3. Curd: Milk
X 4. Wood:Table
Q. 1 Who has been given the 'Yashwantrao Chavan National Award 2018' for his contribution to economic development?

Ans
X 1. Bimal Jalan
2 2. Amartya Sen

- 3. Raghuram Rajan

4. Arvind Subramanian
Q. 2 The first complete census in India was held in the year $\qquad$ .
Ans


X2. 1873
X 3.1891
Х 4.1885
Q. 3 Which of the following Parliamentary Committees does NOT draw any member from Rajya Sabha?

Ans

- 1. Committee on Estimates

X 2. Committee on Petitions
3. Committee on Public Undertakings
4. Committee on Public Accounts
Q. 4 Who of the following players was named Wisden's Leading T20 Cricketer of the Year for 2018?

Ans

1. Rashid Khan2. Rohit Sharma
$\checkmark 3$
2. Virat Kohli
< 4. Sam Curran
$\qquad$ is Google's new app aimed at helping children in primary school learn to read in Hindi and English.

Ans


X 2. Khelo
X 3. Seekho

- 4. Bolo
Q. 6 Which of the following is the SI unit of temperature?

Ans

- 1. Kelvin

X 2. Réaumur scale
X 3. Candla
Х4. Ampere
Q. 7 Ram Nath Kovind is the $\qquad$ President of India.

Ans

(2.16th
v 3.14 th
X4.15th
Q. 8 In 1917, Mahatma Gandhi organised a Satyagraha in the Kheda district of Gujarat in support of the:
Ans

1. cotton mill workers who were demanding better wages

X 2. tribals whose customary rights were being violated
. 3 . women who were struggling against the oppressive patriarchal system

- 4. peasants who were affected by crop failure and a plague epidemic
Q. 9 The rate of interest on which commercial banks borrow money from RBI to meet their short term credit needs is known as:
Ans
1 1. Sub-Prime Lending Rate

2. Statutory Lending Rate
3. Prime Lending Rate

- 4. Bank Rate
Q. 10 The audible range of sound for an average adult human being is $\qquad$ -.

Ans
Х $1.2 \mathrm{~Hz}-20000 \mathrm{~Hz}$2. $2 \mathrm{~Hz}-2000 \mathrm{~Hz}$
4. $20 \mathrm{~Hz}-20000 \mathrm{~Hz}$
Q. 11 In the context of Man Booker International Prize, 2019, which of the following statements is NOT correct?

Ans

1. The prize was awarded to her for the novel titled Celestial Bodies.
2. Alharthi hails from Oman.
3. Alharthi is the second Arabic author to win this prize.
4. The prize was begged by Jokha Alharthi
Q. 12 A nuclear-powered Arctic icebreaker recently launched by Russia has been named:

Ans
X 1. Elbrus
<2. Volga

- 3. Ural

74. Lenin
Q. 13 The Khurja pottery is associated to which state of India?

Ans
X 1. Andhra Pradesh

- 2. Uttar Pradesh

3. Madhya Pradesh
4. Himachal Pradesh
Q. 14 won the women's singles title at Italian Open 2019.
Ans
Х1. Naomi Osaka
< 2. Simona Halep
X 3. Johanna Konta

- 4. Karolina Pliskova
Q. 15 ___ Bank has become the first bank in the country to introduce Iris Scan Authentication feature for Aadhaar-based transactions through its micro ATM tablets.

Ans

- 1. Axis

X 2 . Canara
X 3. Bandhan
$X_{4 . Y e s}$
Q. $16 \ldots \ldots$ was named ICC Emerging Player of the Year 2018.

Ans $\times 1$. Rohit Sharma
X 2. Calum McLeod
⒊ Aaron Finch
v 4. Rishabh Pant
Q. 17 निम्नलिखित में से किस हड़प्पाकालीन स्थल से जुताई वाले क्षेत्र के साक्ष्य मिले हैं?

Ans 1. मोहनजोदड़ों
2. चनहुदड़ों
3. कालीबंगा
4. हड़प्पा
Q. 18 The Hill station of Matheran is located in $\qquad$
Ans 1. Maharashtra
X 2. Manipur
X 3. Madhya Pradesh
X 4. Kerala
Q. 19 The waves used in radar systems are $\qquad$ waves.
Ans

1. ultraviolet

X
2. infrared3. micro

X
4. radio
Q. 20 Ghumot is indigenous traditional percussion instrument of $\qquad$ __.
Ans
(1. Andhra Pradesh

- 2. Goa
( 3. Punjab
(4. Assam
Q. 21 In the field of information and communication technology, what is the full form of FDD?

Ans
< 1. Folder Disk Drive

- 2. Floppy Disk Drive

X 3. Folder Data Drive
(4. Floppy Data Drive
Q. 22 In the context of plate tectonics, which of the following statements is NOT correct?

Ans

- 1. Eurasian plate is largely an oceanic plate.

2. The major tectonic plates are surrounded by young fold mountain ridges, trenches,
and/or faults.
3. Tectonic plates move horizontally over the asthenosphere.

Х4. Earth's surface is divided into seven major plates.
Q. 23 Which of the following statements about the Himalayan Mountains is NOT correct?

Ans

- 1. The range lying to the immediate south of the Himadri is called the Shiwaliks.

2. The Shiwalik ranges are composed of unconsolidated sediments brought down by rivers.
3. The core of the Himadri is made of granite.

4 4. Its northernmost part is called the Himadri.
Q. 24 निम्नलिखित में से किस राज्य को कसुती कढ़ाई के लिए GI हैग दिया गया है?

Ans

1. तेलंगाना
2. कर्नाटक
3. राजस्थान
4. बिहार
Q. 25 In the context of digital computer, which of the following pairs of digits is referred to as binary code?
Ans
X1. 3 and 4

- 2.0 and 1

X 3.2 and 3
X 4.1 and 2

Section : Quantitative Aptitude
Q. 1 The simplified value of
$\left[1 \frac{1}{5}\right.$ of $\left.\left\{\frac{3}{7}-\left(1 \frac{4}{15}-\frac{13}{15}\right) \times \frac{5}{7}\right\}\right] \div\left(\frac{6}{7} \div 5\right)$ is:
Ans
X $1 . \frac{2}{15}$
X2. $\frac{1}{5}$

- 3.1

X4. $\frac{4}{15}$
Q. 2 The point A of a triangle ABC moves parallel to the straight line BC . Which one among the following also moves along a straight line parallel to BC ?
(a) The circumcentre (b) the centroid (c) the incentre (d) the orthocentre.

Ans
X 1. (d)

- 2. (b)

X 3. (c)
X4.(a)
Q. 3 If $\frac{\cos \alpha}{\sin \alpha+\cos \beta}+\frac{\cos \beta}{\sin \beta-\cos \alpha}=\frac{x}{\sin \alpha-\cos \beta}+\frac{\cos \beta}{\sin \beta+\cos \alpha}$ then ' $x$ ' is equal to:

Ans
X 1. $\cos \beta$
2. $\cos \propto$
$X$ 3. $\sin \beta$
X 4. $\sin \alpha$
Q. 4 Three successive discounts on the marked price of an article turns out to be equivalent to a single discount of $19 \%$. If the rates of the first and second discount are $10 \%$ and $4 \%$ respectively, what is the rate of the third discount?

Ans
X 1. $7.50 \%$
X 2. 5.25\%

- 3. $6.25 \%$

X 4. $6.00 \%$
Q. 5 The given Bar Graph presents the runs scored (A) and strike rate (B) of a batsman in five matches. Strike Rate is the number of runs scored per 100 balls faced. The strike rate (B) is taken on record only when the batsman scores at least 30 runs in a match.


What is the average strike rate of the batsman?
Ans
X 1.89
2. 91.25

Х 3.90 .75
X4. 95.5
Q. 6 In a $\triangle \mathrm{ABC}, \mathrm{AD}$ is perpendicular to BC from A . if $\angle \mathrm{BAC}=90^{\circ}$, then $\mathrm{AB}^{2}: \mathrm{AC}^{2}$ is equal to:

Ans
X $1 \cdot \mathrm{BD}^{2}: \mathrm{CD}^{2}$
X 2. $\mathrm{CD}: \mathrm{BD}$
X 3. $\mathrm{CD}^{2}: \mathrm{BD}^{2}$

- 4. $\mathrm{BD}: \mathrm{CD}$
Q. 7 The total cost price of two articles is ₹ 2,000 . One of them is sold at a profit of $12 \%$ and the other at a loss of $12 \%$. The overall gain in the transaction is $1.2 \%$. The cost price of the article for which there was a profit was:

Ans
X 1. ₹ 1,050

- 2. ₹ 1,100

X 3. ₹ 1,120
X 4. ₹ 1,080
Q. 8 For $\theta$ being an acute angle, $4\left(2 \sin ^{2} \theta+7 \cos ^{2} \theta\right)=13$.

What is the value of $\theta$ ?
Ans 1. $60^{\circ}$
$\times 2.45^{\circ}$
$\times 3.30^{\circ}$
$\times 4.0^{\circ}$
Q. 9 A boy standing by the side of a railway track finds that an Up train crosses him in 8 seconds and a Down train of twice the length of that of the Up train crosses him in 20 seconds. How long (in seconds) will the two trains take to cross each other?
Ans -1. $13 \frac{1}{3}$
$\times 2.15$
X 3. 20
$\times 4.12 \frac{1}{3}$
Q. $10 \mathrm{a}, \mathrm{b}, \mathrm{c}$ are three positive numbers, such that, $(a+b+c)=20, a^{2}+b^{2}+c^{2}=152$. The value of $(a b+b c+c a)$ is equal to:
Ans 1. 124
X2. 110
X 3.112
$\times 4.102$
Q. 11 If 16 men working 12 hours a day can complete a work in 27 days, then working for how many hours a day can 18 men complete the work in 24 days?

Ans
X1. 9
入2. 18
×3.16

- 4.12
Q. 12 If $\sin \theta+\operatorname{cosec} \theta=2$, then what is the value of $\left(\sin ^{153} \theta+\operatorname{cosec}^{253} \theta\right)$ ?

Ans


X2. $\frac{253}{153}$

- 3. 2

X4. $\frac{153}{253}$
Q. 13 If $(x+y)^{\frac{1}{3}}+(y+z)^{\frac{1}{3}}=-(z+x)^{\frac{1}{3}}$, then $\left(x^{3}+y^{3}+z^{3}\right)$ can be expressed as:

Ans
X 1. $\frac{1}{8} x y z$
Х2. $(x+y)(y+z)(z+x)$
3. $\frac{3}{8}(x+y)(y+z)(z+x)$

X4. $3 x y z$
Q. 14 The average of the first 1234 $\qquad$ numbers is equal to 1234 .

Fill in the blank.
Ans

1. odd
$X$ 2. even
$\times$ 3. prime
X 4. natural

A borrows a sum of $₹ 1,000$ from his friend B on 31 December 2015 on the condition that he will return the same after one year with simple interest at $12 \%$. However, A gets into a position of returning the money on 1 May 2016. How much amount he has to return to B ?
Ans
X 1 . ₹ $1,331.5$
X2. ₹ 1,045
> 3. ₹ 1,120

- 4. ₹ 1,040
Q. 16 The given Bar Graph presents the runs scored (A) and strike rate (B) of a batsman in five matches. Strike Rate is the number of runs scored per 100 balls faced. The strike rate (B) is taken on record only when the batsman scores at least 30 runs in a match.


How many balls did the batsman face in the third match?
Ans
$\times 1.60$
$\times 2.30$

- 3. 40
$\times 4.50$
Q. 17 Which among the following numbers is exactly divisible by 7,11 and 13 ?

Ans
X 1.14982
$\times 2.15004$
X 3. 14993
4. 15015
Q. 18 Twelve sticks, each of length one unit, are used to form an equilateral triangle. The area of the triangle is:

Ans
$X$ 1. $3 \sqrt{3}$ sq units
$\times 2.2 \sqrt{3}$ sq units

- 3. $4 \sqrt{3}$ sq units

X4. $8 \sqrt{3}$ sq units
Q. $19 ₹ 8,000$ is distributed among A, B and C such that they receive notes of $₹ 500$, ₹ 200 and $₹ 100$ respectively. The amounts received by them are in the ratio $15: 2: 3$. What was the ratio of the number of notes of ₹ 500 , ₹ 200 and ₹ 100 ?

Ans

1. $3: 1: 3$

X 2. 3:3:1
X 3.4:1:2
X4. $3: 2: 2$
Q. 20 A regular hexagon is inscribed in a circle. What is the ratio of the area of the circle to that of its portion not covered by the hexagon?
Ans
-1. $\frac{2 \pi}{2 \pi-3 \sqrt{3}}$
<2. $\frac{\pi}{\pi-3 \sqrt{3}}$
<3. $\frac{2 \pi}{\sqrt{3}}$
人4. $\frac{\pi}{\sqrt{3}}$
Q. 21 If $a+\frac{1}{a}=2$, what is the value of $\left(a^{4}-\frac{1}{a^{4}}\right)$ ?

Ans

- 1.0
×2. $\frac{1}{4}$
X3.1
X4.4
Q.22 Two circles of diameters 4.8 cm and 8 cm are such that the distance between their centres is 6.5 cm .

What is the length of a common tangent to the circles that does not intersect the line joining the centres?

X 2.6 .2 cm
X 3.6 .1 cm
X 4.6 .0 cm
Q. 23 The given Bar Graph presents the runs scored (A) and strike rate (B) of a batsman in five matches. Strike Rate is the number of runs scored per 100 balls faced. The strike rate (B) is taken on record only when the batsman scores at least 30 runs in a match.


How many runs the batsman should have scored in the fifth match in as many balls he had faced in that match so that the average strike rate of the second and the fifth match becomes 120 ?

Ans

1. 150
$\times 2.240$
$\times 3.160$
$\times 4.120$
Q. 24 Price of tea has increased by $20 \%$ but I have decided to increase my expenditure towards tea by $15 \%$ only. By What percentage should I reduce my consumption (correct to one place of decimal) in order to be able to maintain the same level of expenses towards tea?

Ans
$\times 1.5 .4$

- 2. 4.2
$\times 3.5 .6$
$\times 4.4 .8$

The given Bar Graph presents the runs scored (A) and strike rate (B) of a batsman in five matches. Strike Rate is the number of runs scored per 100 balls faced. The strike rate $(B)$ is taken on record only when the batsman scores at least 30 runs in a match.


What is the average run scored by the batsman in the five matches?
Ans
X 1.50

- 2. 49
$\times 3.45$
$\times 4.56 .25$


## Section : English Language

## Q. 1 Select the most appropriate word to fill in the blank.

Any account of the reign of King Harsha would remain $\qquad$ without a reference to Hiuen Tsang.
Ans

- 1 . incomplete

X 2.famous
X 3.eminent
(4. unknown
Q. 2 Select the most appropriate synonym of the given word.

IDENTICAL
Ans

- 1. similar

2 2. legible
X 3. detailed

- 4. perfect


## Q. 3 Select the most appropriate word for the given group of words

place for collection of dried plant specimens

Ans
1 1 . green house
⒉ nursery
入 3. warehouse

- 4. herbarium


## Q. 4 Select the correct indirect form of the given sentence.

Hemant said to the hotel receptionist, "Please tell Bharat I will come to see him tomorrow at 10 am.'

Ans

1. Hemant said to the hotel receptionist please to tell Bharat he will come to see me tomorrow at 10 am.
2. Hemant requested to the hotel receptionist please inform Bharat I will come to see him tomorrow at 10 am .
3. Hemant said to the hotel receptionist to please tell Bharat that I will come to see him tomorrow at 10 am .
$\checkmark$
4. Hemant requested the hotel receptionist to inform Bharat that he would come to see
him the next day at 10 am.

## Q. 5 Select the wrongly spelt word.

Ans

1. whimsical

X 2. contiguous
-3. spectaculer
X4. adjacent

## 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.

It's turning out to be a tough summer for the State. With an alarming dip (1) $\qquad$ groundwater levels across (2) $\qquad$ state, experts fear residents (3) $\qquad$ soon have to battle an (4) $\qquad$ water crisis, along (5) $\qquad$ extremely high temperatures.

SubQuestion No : 6
Q. 6 Select the most appropriate option to fill in blank No.1.

Ans
>1. from
v 2 in
X3.on
X4. with

## 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.

It's turning out to be a tough summer for the State. With an alarming dip (1) groundwater levels across (2) $\qquad$ state, experts fear residents (3) $\qquad$ soon have to battle an (4) $\qquad$ water crisis, along (5) $\qquad$ extremely high temperatures.

SubQuestion No: 7
Q. 7 Select the most appropriate option to fill in blank No.2.

Ans

1. nearby
2. the
3. every
(4.all

## 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.

It's turning out to be a tough summer for the State. With an alarming dip (1) $\qquad$ groundwater levels across (2) $\qquad$ state, experts fear residents (3) $\qquad$ soon have to battle an (4) $\qquad$ water crisis, along (5) $\qquad$ extremely high temperatures.

SubQuestion No : 8
Q. 8 Select the most appropriate option to fill in blank No.3.

Ans


X 2. should
X 3.shall
(4.can

## 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.

It's turning out to be a tough summer for the State. With an alarming dip (1) $\qquad$ groundwater levels across (2) $\qquad$ state, experts fear residents (3) $\qquad$ soon have to battle an (4) $\qquad$ water crisis, along (5) $\qquad$ extremely high temperatures.

SubQuestion No : 9
Q. 9 Select the most appropriate option to fill in blank No.4.

Ans

1. unlikely
< 2. average
X 3. unknown

- 4 . acute


## 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.

It's turning out to be a tough summer for the State. With an alarming dip (1) $\qquad$ groundwater levels across (2) $\qquad$ state, experts fear residents (3) $\qquad$ soon have to battle an (4) $\qquad$ water crisis, along (5) $\qquad$ extremely high temperatures.

SubQuestion No : 10
Q. 10 Select the most appropriate option to fill in blank No.5.

Ans
-1. with
< 2. from
>3.to
X4.by
Q. 11 Select the most appropriate word to fill in the blank.

Necessary support to $\qquad$ the process of sale is being extended by the banks in the consortium.

Ans
入1. felicitate
Х 2 . complicate
X 3. confuse
4. facilitate
Q. 12 Select the most appropriate synonym of the given word.

OSTENTATIOUS
Ans
1 1. distinct
X 2. complete

- 3. flashy

4. trusted
Q. 13 Select the most appropriate meaning of the given idiom
bolt from the blue
Ans
5. winning after losing a game many times

- 2. something sudden that happens unexpectedly

3. someone who runs fast and wins a race
4. locking the doors to keep the rain out
Q. 14 Identify the segment in the sentence which contains the grammatical error.

Inspite Smita had taken part in many television serials earlier, this was the first time she was going to host a live show.

Ans

1. in many television serials earlier
2. she was going to host
3. this was the first time
4. Inspite Smita had taken part
Q. 15 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

A spokesperson of the company explained that the media had misrepresented the facts about the accident in their building.
Ans

1. misrepresent the facts on the accident
2. misrepresenting the facts about the accident

- 3. No improvement

4. misrepresents the facts for an accident
Q. 16 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. Gone are the days when you stayed with one firm for your entire career and made lifelong friends in the office.
B. This phenomenon was noted in a recent research report which found that the median tenure for employees below the age of 30 is just two years.
C. The research report stated that young people today are tempted to switch jobs quickly.
D. As job longevity becomes a phenomenon of the past, there is a change in attitude in the modern generation towards employment.

Ans

- 1. DBCA

Х 2 BADC
X 3. CDAB
<4. DCBA
Q. 17 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

There was a long queue at the post office and by the time I have reached the counter I was told the printer was not working.

Ans

- 1. I reached the counter

2. No improvement
3. I reach the counter
K. 4 am reaching the counter
Q. 18 Select the most appropriate word for the given group of words
a group of stars found close together
Ans
X 1. concoction
(2. conflagration
< 3. confederation
4. constellation
Q. 19 Select the most appropriate antonym of the given word.

COMPLACENT
Ans

- 1. humble

X 2. satisfied
(3. confident
< 4. trusted
Q. 20 Select the most appropriate antonym of the given word.

SALIENT
Ans

- 1. negligible

2. prominent
< 3. striking
< 4. clear
Q. 21 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. I should have charged double the amount, but it didn't occur to me then.
B. Now, after all the expenses and the gardener's salary, I made a profit of only five hundred rupees.
C. The jasmine plants flowered twice and I sold 250 grams of buds just for ten rupees.
D. Had I charged at least twenty rupees I would have made a good profit.

Ans
< 1. ADCB
< 2. BCDA

X4. BDAC

## Q. 22 Select the correct passive form of the given sentence.

You have made a mistake in writing your answer.
Ans

1. A mistake has been made by you in writing your answer.

X 2. A mistake have been made by you in writing your answer.
3. A mistake is being made by you in writing your answer.
4. A mistake had been made by you in writing your answer.
Q. 23 Select the correctly spelt word.

Ans
1 1. queiten

- 2. questionnaire

3. quallification

X4. quantefy

## Q. 24 Select the most appropriate meaning of the given idiom

left-handed compliment
Ans

1. praise that is given directly
2. insulting someone in front of others

- 3. insulting remark appearing as praise

4. making fun of someone to tease them
Q. 25 Identify the segment in the sentence which contains the grammatical error.

The lady listened carefully to my complaint but I doubt she will do anything about it.
Ans

- 1. but I doubt she

2. will do anything about it
3. to my complaint
4. The lady listened carefully

## Combined Higher Secondary Level (10+2) Examination-2018

| Roll No. |  |
| :--- | :--- |
| Registration No. |  |
| Name | TCS Gito Bitan |
| Test Venue | $1: 00$ PM $-2: 00$ PM |
| Test Time | $10 / 07 / 2019$ |
| Test Date |  |

## Section : General Intelligence

Q. 1 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(15,49,151)$
Ans
Х 1 . $(6,18,37)$
Х 2. $(17,55,155)$
X $3 .(25,79,137)$
4. $(5,19,61)$
Q. 2 Select the Venn diagram that best illustrates the relationship between the following classes.

Flowers, Roses, Yellow
Ans
$\checkmark 1$.


Х 3.


Q. 3 Which letter-pair will replace the question mark (?) in the following series?

HE, ? , NK, TQ, BY
Ans
X1.IK

- 2.JG

X 3 .JH
>4.IG
Q. 4 How many squares are present in the following figure?


Ans
X1. 16
×2. 10

- 3. 15

X4. 12
Q. 5 Arrange the following words in a logical sequence as they would appear in the English dictionary.

1. Jacklight
2. Jacket
3. Jade
4. Joker
5. Jampacked

Ans

- $1,2,1,3,5,4$
< 2.3,1,2,5,4
< 3 .1,2,3,4,5
人4.2,3,1,4,5
Q. 6 In a code language, ROCKET is written as TEKROC. How will DRIVER be written as in that language?

Ans
(2. RFVDRI
< 3. REVDRJ
<4. REUDRI

## Q. $7 S$ is son of $M . R$ is the father of $Q$ and $A$. $A$ is the daughter of $M$. How is $A$ related to $S$ ?

Ans
<1. Aunt
\$ 2. Mother
( 3. Daughter
4. Sister
Q. 8 Select the option that is related to the third letter-pair in the same way as the second letterpair is related to the first letter-pair.

GI: KN : : PQ : ?
Ans

- 1.TV
< 2. TX
<3.VT
>4.UV
Q. 9 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:
All hens are eggs.
No birds are eggs.
All eggs are lions.
Conclusions:
I. All hens are lions.
II. Some lions are hens.
III. No eggs are birds.

Ans

1. Either conclusion II or III follows.

K 2. Only conclusion I follows.

- 3. All the conclusions follow.

X 4. Only conclusions I and II follow.
number that is different from the rest.
Ans
Х1.459

- 2.259

Х 3.639
<4.189
Q. 11 If EAST is coded as 180 and NORTH is coded as 375 , then how will SOUTH be coded as?

Ans
X 1.625

- 2.415

Х 3.83
X4.332
Q. 12 A paper is folded and cut as shown below. How will it appear when unfolded?

X

Y

Z

Ans

$\times 3$.

Q. 13 If it was a Sunday on 1 January 2017, what was the day of the week on 31 December 2017?

Ans
(1. Tuesday
< 2 . Monday

- 3. Sunday

4. Friday
Q. 14 Select the correct mirror image of the given figure when the mirror is placed to the left of the figure.


Ans
Х 1

> 2

Х 3

$\checkmark 4$.

Q. 15 Select the option in which the given figure ( X ) is embedded (rotation not allowed).


Ans


Q. 16 Which two signs should be interchanged in the following equation to make it correct?
$35+7-5 \times 2 \div 25=20$
Ans
(1. $\times$ and $\div$

Х ${ }^{2}$. and -

- $3 .+$ and $\div$

14. $\times$ and -
Q. 17 Which number will replace the question mark (?) in the following series?
$12,22,42,72$, ?
Ans
X 1.102
Х 2.92
X 3.122

- 4.112
Q. 18 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans
$1{ }^{1 . \mathrm{DGL}}$
$\times{ }^{2} \mathrm{BFJ}$
$\times{ }_{4 . \mathrm{MQU}}$
Q. 19 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.

8:72
Ans

- $1.11: 132$
(2.15:625

Х $3.13: 156$
X4.12:144
Q. 20 'HONEY' is related to 'BEE' in the same way as 'EGG' is related to ' $\qquad$ '.

Ans
Х1. YOLK
< 2. LARVA
X 3. OOLOGY

- 4. BIRD
Q. 21 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(16,64,320)$
Ans
X $1 .(15,60,310)$
Х 2 . $(15,45,180)$
- 3. $(10,40,200)$

Х4. $(25,75,125)$
Q. 22 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
Ans
2. Stationery

ㄱ․ Duster
4. Chalk
Q. 23 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.

Mumbai : Capital
2. Newyork: China

X 3. Delhi : Tajmahal

- 4. Yen : Currency
Q. 24 Select the Answer Fig. that will come next in the following Problem Fig. series.


Ans

$\times 2$.

$\times 3$.

Q. 25 Three different positions of a dice are shown below. Which number appears on the face opposite the number 6 ?


Ans
-1. 1
$\times 2.4$
$\times 3.3$
$\times 4.5$
Q. 1 In the Interim Budget of 2019, the Union Government launched a minimum assured pension scheme for those working in the unorganised sector, after they attain the age of 60 . The scheme has been named as the Pradhan Mantri $\qquad$ _.
Ans
Х 1. Suraksha Vima Yojan
2. Shram Yogi Maan-dhan Yojana

X 3. Jeevan Jyoti Bima Yojana
(4. Vishwakarma Shram Samman Yojana
Q. 2 Which of the following articles of Indian Constitution provides for the appointment of a Finanace Commission?
Ans
Х 1. Article 300
Х 2. Article 2903. Article 320
4. Article 280
Q. 3 Ultrasonic sounds are the sounds which have frequencies?

Ans
1 1. higher than 40 kHz
2. higher than 20 kHz
3. higher than 50 kHz
4. higher than 30 kHz
Q. 4 The book 'Target 3 Billion' is written by

Ans

1. Pranab Mukherjee
2. Shankar Dayal Sharma

- 3. A.P.J Abdul Kalam

X4. Ram Nath Kovind
Q. 5 Which of the following is a landlocked country?

Ans
1 1 . Turkey
< 2 . Eritrea
-3. Mongolia
Q. 6 The lens-type commonly used for correcting presbyopia is $\qquad$ —.

Ans

- 1. bifocal lens

X 2. cylindrical lens
X 3. convex lens
X4. concave lens
Q. 7 National Viral Hepatitis Control Program (NVHCP) aims to achieve country wide elimination of Hepatitis $C$ by $\qquad$
Ans
X 1.2025
Х 2.2028

- 3.2030

Х 4.2022
Q. 8 The famous Kandariya temple is located at:

Ans

1. Khajurao
< 2 . Vidisha
X 3. Hampi
X
2. Gangaikondacholapuram
Q. 9 $\qquad$ is one of the liquids commonly used in liquid-in-glass thermometers.
Ans

v 2. Alcohol
X 3. Water
3. Liquid hydrogen
Q. 10 The IAAF Male Athlete of the Year Award has been won by Usain Bolt $\qquad$ time(s).

Ans

3 2. five

- 3 . six
\$4.two
Q. 11 Which of the following regions has earned Geographical Indication for its oranges?

Ans
> 1 . Meerut
X 2. Faizabad

- 3. Coorg

4 4 . Wayanad
Q. 12 On any issue pertaining to the disqualification of any member of Lok Sabha under 10th Schedule of Indian constitution, the final decision is taken by $\qquad$ _.
Ans

1. Speaker, Lok Sabha
2. Vice-President of India
3. President of India
4. Election Commission of India
Q. 13 As per the Census 2011, which of the following states/union territories claimed second rank in terms of literacy rate?
Ans

- 1. Lakshdweep

X 2. Mizoram
X3.Goa
X 4. Puducherry
Q. 14 In 19th century, the Satnami movement in central India was founded by $\qquad$
Ans

1. Haridas Thakur2. Keshab Chander Sen
2. Narayan Guru
3. Guru Ghasidas
Q. 15 Which of the following cities hosted an international summit which adopted a declaration on digital health?

Ans
<1. Paris
X 2. Dhaka

- 3. Delhi
<4. Toronto
Q. 16 Badhti ka naam zindagi' is the tagline of which of the following banks?

Ans


- 2. Axis
<3. Corporation
<4. Indian
Q. 17 In the context of the Mughals, which of the following statements is NOT correct?

Ans

1. The Mughal court chronicles describe them as the descendents of a legendary

Iranian king Afrasiyab.
2. Babur was pushed out of his homeland Farghana by Uzbeks.
3. Babur was related to Ghenghis Khan from his mother's side.
4. They were the descendants of Taimur on the paternal side.
Q. 18 The book titled 'Every Vote Counts - The Story of India's Elections' was written by $\qquad$ ـ.

Ans
X 1.JM Lyngdoh.
2. Hamid Ansari

X3. SY Qureshi

- 4. Navin Chawla
Q. 19 In the context of agriculture, the term 'barani' refers to $\qquad$ .
Ans

1. dry farming

- 2. rainfed farming

3. mixed farming

Х 4. irrigated farming
Q. 20 Which of the following cities has recently included Hindi as third official court language?

Ans
X1. Ajman
2. Abu Dhabi

X 3. Sharjah
X 4 . Dubai
Q. 21 In the context of a word document, the term gutter stands for

Ans

1. the space left on the left side for rough work

- 2. the space left on one side for stitching and binding

3. the blank page inserted in between two filled pages
4. the space between two paragraphs
Q. 22 Which of the following cities hosted the Special Olympics World Games 2019?

Ans

2. Abu Dhabi
> 3 . Seattle
4. London
Q. 23 Pradeep Kumar Banerjee, who bagged the ESPN Multi-Sports Award for Lifetime Achievement, is related to $\qquad$ .

Ans
Х1.shooting
2. football

X 3. hockey
< 4. archery
Q. 24 In the domain names, the expression .au stands for $\qquad$ -.
Ans

1. Antigua
2. Austria
3. African Union
Q. 25 $\qquad$ is the only active volcano in South Asia.

Ans

1. Dhinodhar Hills

X 2. Tosham Hills
3. Barren Island

X 4. Narcondam Island

## Section : Quantitative Aptitude

Q. 1

If $a+\frac{1}{a}=3$, then the value of $\left(a^{6}+\frac{1}{a^{6}}\right)$ is equal to:
Ans
X1. 319
2. 322
$\times 3.780$
$\times 4.730$
Q. 2 The simplified value of
$\frac{1}{2}$ of $\frac{8}{5} \div\left\{2 \frac{1}{5}-\left(\frac{5}{16}+\frac{3}{5} \times 1 \frac{7}{8} \div \frac{2}{3}\right)\right\}$ is:
Ans
X1. 1
X2. $\frac{2}{5}$
$\times 3 . \frac{1}{5}$

- 4.4
Q. 3 Equilateral triangles are drawn on the hypotenuse and one of the perpendicular sides of a right-angled isosceles triangles. Their areas are H and A respectively. $\frac{\mathrm{A}}{\mathrm{H}}$ is equal to:
Ans

- 2. $\frac{1}{2}$

X 3 . $\frac{1}{\sqrt{2}}$
X4. $\frac{1}{\sqrt[2]{2}}$
Q. 4 What is the simplified value of
$\frac{\sin ^{3} 21^{\circ}+\cos ^{3} 19^{\circ}}{\sin 21^{\circ}+\cos 19^{\circ}}+\sin ^{2} 69^{\circ}+\cos ^{2} 71^{\circ}+\frac{1}{\sec 69^{\circ} \operatorname{cosec} 71^{\circ}}$ is:
Ans
X1. 3
$\times 2.1$
$\times 3.4$
4. 2
Q. 5 If 40 men working 12 hours a day can complete a work in 8 days, then how many men working 4 hours a day can complete the same work in 16 days?

Ans
$\times 1.50$

- 2. 60
$\times 3.54$
$\times 4.45$
Q. 6 A book has been co-authored by X and Y . The prices of the book in India and abroad are ₹ 800 and $₹ 1000$ respectively.

The royalties earned on sale in India and abroad are $10 \%$ and $16 \%$ respectively. The royalty amount is distributed
among X and Y in the ratio $5: 3$. The given Bar Graph presents the number of copies of the book sold in India (A) and abroad (B) during 2012-16.


What is the ratio of royalties earned in the following cases - By X for sale of books in India in 2013 and 2014 and By Y for sale of books abroad in 2015 and 2016 ?
Ans
X $1.62: 117$
2. $63: 130$

- 3. $65: 138$

X4. $64: 135$
Q. 7 The price of sugar got raised by $25 \%$. To maintain the same level of expenses on sugar, a person reduced the consumption of sugar by $4 \%$ and also increased his expenditure on sugar by $x \%$. The value of $x$ is:
Ans
X 1.19 .5
2. 213. 20
$\times 4.18 .75$
Q. 8 By selling an article for ₹ 144 , a shopkeeper loses $28 \%$. What should be the selling price for bringing down the loss to $14 \%$ ?
Ans
X 1. ₹ 156
X 2. ₹ 182

- ₹ $_{172}$

X4. ₹ 180
Q. 9 Twelve sticks, each of length 1 unit, are used to form a right-angled triangle. The area of the triangle is:

Ans
$X 1.4$ sq units

- 2. 6 sq units
$X 3.8$ sq units
X4. 10 sq units

A book has been co-authored by X and Y . The prices of the book in India and abroad are $₹ 800$ and $₹ 1000$ respectively.
The royalties earned on sale in India and abroad are $10 \%$ and $16 \%$ respectively. The royalty amount is distributed
among X and Y in the ratio $5: 3$. The given Bar Graph presents the number of copies of the book sold in India (A) and
abroad (B) during 2012-16.


What is the total amount of royalty paid (in ₹) to the authors during the years 2012, 2013 and 2016?
Ans

- 1. $3,16,000$

X 2. 2,73,400
X 3. 2,72,000
X4.2,71,600
Q. 11 A book has been co-authored by X and Y . The prices of the book in India and abroad are $₹ 800$ and $₹ 1000$ respectively. The royalties earned on sale in India and abroad are $10 \%$ and $16 \%$ respectively. The royalty amount is distributed among X and Y in the ratio $5: 3$. The given Bar Graph presents the number of copies of the book sold in India (A) and abroad (B) during 2012-16.


What is the total number of the copies of the book sold in India during 2012-2015?
Ans
X 1. 2000
$\times 2.1600$
X 3.1800

- 4.1400
Q. 12

If, $a^{\frac{1}{3}}+b^{\frac{1}{3}}+c^{\frac{1}{3}}=0$, then $(a+b+c)^{6}$ is equal to:
Ans
$\times 1.81 a b c$

- 2. $729 a^{2} b^{2} c^{2}$

X3. $729 a b c$
X4. $81 a^{2} b^{2} c^{2}$
Q. $13 ₹ 10,000 /$ has to be distributed among 3 craftsmen, 5 helpers and 6 labourers such that each helper receives the amount twice as much as a labourer receives and each craftsman receives the amount thrice as much as a labourer receives. What is the amount received by the three craftsmen?

Ans
X 1. ₹ 2,400
X 2. ₹ 4,000

- 3. ₹ 3,600

X4. ₹ 2,700
Q. 14 It is given that the area of a triangle is A . The values of its perimeter, inradius, circumradius and the average of the lengths of the medians are respectively, $\mathrm{p}, \mathrm{r}, \mathrm{R}$ and d . The ratio $\mathrm{A}: \mathrm{p}$ is equal to:

Ans
X $1 .(R+r)^{2}: d$

- 2. $\mathrm{r}: 2$
Xi.r:1

Х4. $(R-r)^{2}: r$
Q. 15 A borrows a sum of $₹ 2,000$ from his friend $B$ on 31 December 2011 on the condition that he will return the same after one year with simple interest at 8\% per annum. However, A gets into a position of returning the money on 1 July 2012 How much amount he has to return to B ?
Ans
X 1. ₹ 2,200

- 2. ₹ 2,080

X 3. ₹ 2,088
X4. ₹ 2,070
Q. 16 Fill in the blank.

The average of first 101 $\qquad$ numbers is equal to 102 .

Ans
$X$ 1. natural
$\times 2$. odd3. even

X 4. perfect square
Q. 17 Two circles of diameters 2 cm and 5.6 cm are such that the distance between their centres is 8.2 cm . What is the length of a common tangent to the circles that does not intersect the line joining the centres?
Ans
X 1.8 .4 cm
$\times 2.7 .2 \mathrm{~cm}$
3. 8 cm

X 4.6 .4 cm
Q. 18 Which among the following numbers is exactly divisible by 11,13 and 7 ?
(a) 624613
(b) 624624
(c) 624635
(d) 624646

Ans
X 1. (a)
2. (b)

X 3. (c)
X4. (d)
Q. 19 ABCDEFGH is a regular octagon inscribed in a circle with centre at 0 . The ratio of $\angle O A B$ to $\angle A O B$ is equal to:

Ans
X1.8:3

- 2. $3: 2$

X 3. $4: 3$
X4.3:1
Q. 20 A shopkeeper normally allows a discount of $10 \%$ on the marked price of each article. During a sale season, he decides to give two more discounts, the first being at a rate of $50 \%$ of the original and the second at a rate of $40 \%$ of the first. What is the percentage rate of the equivalent single discount (correct up to two decimal places)?

Ans
X 1.11 .25
2. 16.21

X 3. 14.85
$\times 4.13 .27$
Q. 21 Which among the following is an irrational quantity?
(a) $\tan 30^{\circ} \tan 60^{\circ}$
(b) $\sin 30^{\circ}$
(c) $\tan 45^{\circ}$
(d) $\cos 30^{\circ}$

Ans $\quad \times 1$. (b)
$\times 2$ (a)
X 3. (c)

- 4. (d)
Q. 22 If $a+b-c=12$ and $a^{2}+b^{2}+c^{2}=110$, then which among the following relations is true?
(p) $a b+b c+c a=34$,
(q) $a b+b c-c a=17$
(r) $a b-b c+c a=17$,
(s) $a b-b c-c a=17$

Ans
⒈ (r)(q)

X ${ }^{3}$
3. (p)
4. (S)
Q. 23 Given that the lengths of the paths of a ball thrown with different speeds by two boys are the same, if they take 0.6 seconds and 1 second respectively to cover the said length, what is the average speed of travel for the first throw, if the same for the second is $96 \mathrm{~km} / \mathrm{h}$ ?
Ans
X 1. $100 \mathrm{~km} / \mathrm{h}$
X 2. $150 \mathrm{~km} / \mathrm{h}$

- 3. $160 \mathrm{~km} / \mathrm{h}$

X4. $200 \mathrm{~km} / \mathrm{h}$
Q. $24 \theta$ being an acute angle, it is given that $\sec ^{2} \theta+4 \tan ^{2} \theta=6$. What is the value of $\theta$ ?
$\times 2.0^{\circ}$
$\times 3.30^{\circ}$
$\times 4.60^{\circ}$
Q. 25 A book has been co-authored by X and Y . The prices of the book in India and abroad are $₹ 800$ and $₹ 1000$ respectively. The royalties earned on sale in India and abroad are $10 \%$ and $16 \%$ respectively. The royalty amount is distributed among X and Y in the ratio $5: 3$. The given Bar Graph presents the number of copies of the book sold in India (A) and abroad (B) during 2012-16.


What is the difference between the royalties earned by X and Y (in ₹) during the years 2014 and 2015 taken together?
Ans
X 1. 41,340
X 2. 41,250
X 3. 57,550

- 4. 57,000


## Section : English Language

## Q. 1 Select the correctly spelt word.

Ans
入1. commemorete
X 2 . comemorate
Х 3.commemmorate

- 4. commemorate
Q. 2 Select the most appropriate synonym of the given word.

RADIANCE
Ans
Х 1.depth
2. dryness
$\checkmark$
3. sparkle4. redness

## Q. 3 Select the wrongly spelt word.

Ans
1 1.fomentation
2. bureaucrecy
> 3. plateau
4. horizontal
Q. 4 Select the correct passive form of the given sentence.

His mother gave him a note for his teacher.
Ans

1. He had been given a note for his teacher by his mother.
2. He is given a note for his teacher by his mother.
3. He was given a note for his teacher by his mother.4. His teacher was given a note for his mother.
Q. 5 Select the most appropriate antonym of the given word.

RANDOM
Ans
X 1 . formal
2. specific

Х 3 irregular
X4.casual
Q. 6 Select the most appropriate synonym of the given word.

RECAPITULATION
Ans

- 1. summary

Х 2. movement
X 3. prominence
4. readiness

The $\qquad$ of ancient scientists often made up for the lack of proper equipment.

Ans

1. anxiety

Х 2. creation

- 3. dedication
< 4. concern
Q. 8 Identify the segment in the sentence which contains the grammatical error.

Deepak said he would pack few things he had and vacate the hostel room the next day.
Ans

1. the next day
2. Deepak said he would pack

- 3. pack few things he had

4. and vacate the hostel room
Q. 9 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. Today, he is popular for creating scaled-down models of automobiles that are not just showpieces but are working toys.
B. "I used to ride it during playtime in the evenings as a five-year old," recalls Arun Kumar.
C. As a kid I used to pester my parents for toy cars but my carpenter father often couldn't afford them.
D. Then, one day he got an old tricycle from the junkyard, made three wooden wheels and fitted them to the cycle.

Ans
Х 1. ACDB

- 2. CDBA

X ${ }^{\text {. CADB }}$
X4.BCDA
Q. 10 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. As man's intelligence grew so did his power.
B. This intelligence made him cleverer and stronger than enormous animals which would otherwise have destroyed him.
C. The chief difference between man and the other animals was the intelligence of man.
D. Combining intelligence with power, man developed weapons to fight his enemies.

Ans
<1. DABC

- 2. CBAD
<3. ACDB
<4. BCDA


## Q. 11 Select the most appropriate word to fill in the blank

The Board of Directors of the pharma company has approved the $\qquad$ of investment limits in its wholly- owned subsidiary.

Ans
(1. entrenchment
$>2$
2. enchantment

7 3. enforcement
4. enhancement
Q. 12 Select the most appropriate antonym of the given word.

SHALLOW
Ans

- 1. deep
(2. narrow
3.crooked

X4.slight

## 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 pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1)
$\qquad$ than 190 bird species (2) $\qquad$ been identified and this is one of the best (3) $\qquad$ in
the state for bird-watchers to (4) $\qquad$ In fact, we can spot (5) $\qquad$ 80 species of birds in a single day.

SubQuestion No : 13
Q. 13 Select the most appropriate option to fill in blank No.1.

Ans
X 1. most
$\checkmark$
2. more

X
3. many4. much

## 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 pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1) than 190 bird species (2) $\qquad$ been identified and this is one of the best (3) $\qquad$ the state for bird-watchers to (4) $\qquad$ . In fact, we can spot (5) $\qquad$ 80 species of birds in a single day.

SubQuestion No : 14
Q. 14 Select the most appropriate option to fill in blank No.2.

Ans
< 1 is
X 2. has

* 3. are
- 4. have


## 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 pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1)
$\qquad$ than 190 bird species (2) $\qquad$ been identified and this is one of the best (3) $\qquad$ in
the state for bird-watchers to (4) $\qquad$ In fact, we can spot (5) $\qquad$ 80 species of birds in a single day.

SubQuestion No : 15
Q. 15 Select the most appropriate option to fill in blank No.3.

Ans

1. place
> 1
7
2. lake
$\checkmark 3$
3. places4. sanctuary

## 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 pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1)
___ than 190 bird species (2) $\qquad$ been identified and this is one of the best (3) $\qquad$ in
the state for bird-watchers to (4) $\qquad$ . In fact, we can spot (5) $\qquad$ 80 species of birds in a single day.

SubQuestion No: 16
Q. 16 Select the most appropriate option to fill in blank No.4.

Ans
(1. visiting
< 2. visits
X 3. visited

- 4. visit


## 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 pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1)
$\qquad$ than 190 bird species (2) $\qquad$ been identified and this is one of the best (3) $\qquad$ in
the state for bird-watchers to (4) $\qquad$ In fact, we can spot (5) $\qquad$ 80 species of birds in a single day.

SubQuestion No : 17
Q. 17 Select the most appropriate option to fill in blank No.5.

Ans
< 1. between
$v$
2. around
\$
3. any

3
4. near
Q. 18 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Durga is now the Executive Vice- President of the company with a responsibility to marketing_for the entire northern zone.
Ans

- 1. with the responsibility of marketing
(2. No improvement

3. with a responsibility by marketing
4. with responsibility from marketing
Q. 19 Select the most appropriate word for the given group of words.

A person or thing that has the same name as another
Ans
< 1. pseudonym

- 2. namesake
(3. relative
\$4. successor
Q. 20 Identify the segment in the sentence which contains the grammatical error.

Even Sharat tried his best, he could not clear all the examination papers in one attempt.
Ans
(1. he could not clear

- 2. Even Sharat tried his best
- 3. all the examination papers
\$4. in one attempt
Q. 21 Select the most appropriate option to substitute the underlined segment in the given
sentence. If there is no need to substitute it, select No improvement.
"I'm afraid I must left now,_said the guest after the inaugural function was over.
Ans
\$ 1. I'm afraid I has to be leaving now
Х 2. I'm afraid I can left now

3. No improvement
4. I'm afraid I must leave now
Q. 22 Select the most appropriate meaning of the given idiom
put your best foot forward
Ans
5. take care to dress well

ス 2. walk very cautiously

- 3. try as hard as one can

《4. check every step
Q. 23 Select the most appropriate word for the given group of words.

Able to adapt to many different functions or activities
Ans
(1. expert

- 2. versatile
< 3. surrogate
X 4. deputy
Q. 24 Select the most appropriate meaning of the given idiom
at snail's pace
Ans
1 1. do something very carefully

2. be very persistent

- 3. do something very slowly

4. keep your moves secret
Q. 25 Select the correct indirect form of the given sentence.
"Don't park here," the policeman said to them.
Ans

[^1]2. The policeman said to them not to park here.
3. Don't park here he said to the policeman.
4. The policeman ordered them not to park there.

## Combined Higher Secondary Level (10+2) Examination-2018

| Roll No. |  |
| :--- | :--- |
| Registration No. |  |
| Name |  |
| Test Venue | iON Digital Zone iDZ Mancheswar |
| Test Time | 4:00 PM - 5:00 PM |
| Test Date | $10 / 07 / 2019$ |

## Section : General Intelligence

Q. 1 Arrange the following words in a logical and meaningful order.

1. Summer
2. Winter
3. Monsoon
4. Spring
5. Autumn

Ans
X 1.4,1,5,3,2
X 2.4,3,1,5,2

- $3.4,1,3,5,2$
<4.4,5,3,1,2
Q. 2 Deepthi said to her friend, "That girl playing with the dog is the younger of the two sisters of the son of my mother's husband."

How is the girl playing with the dog related to Deepthi ?
Ans

1. Grand daughter
2. Wife

- 3. Sister

X 4. Daughter - in - law
Q. 3 Which two signs should be interchanged in the following equation to make it correct?
$15+15-2 \times 10 \div 35=16$
Ans
<1.+ and -
人2. $\times$ and $\div$
(3. $\times$ and -4. + and $\div$
Q. 4 'Machine' is related to 'Operator' in the same way as 'Car' is related to ' $\qquad$
Ans

- 1. Driver
<2. Bus
( 3. Mechanic

44. Engine
Q. 5 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
Ans
X 1
45. CGK
\$2. LPT
ง 3. BFM
(4. NRV
Q. 6 Select the option in which the given figure (X) is embedded (rotation not allowed).


Ans

Q. 7 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

Ans4. Flood
Q. 8 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:

All knifes are axes.
All axes are swords.
All saws are swords.
Conclusions:
I. All swords are knifes.
II. Some axes are saws.
III. No axe is saw.

Ans

1. Either conclusion II or III follows.
2. Only conclusion I follows.
3. All the conclusions follow.

X 4 . Only conclusions I and II follow.
Q. 9 Which letter-pair will replace the question mark (?) in the following series?

JG, LI, ? , VS, DA
Ans

- 1. PM

X $2 . \mathrm{QM}$
X $3 . \mathrm{PQ}$
X4.0R
Q. 10 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(64,100,328)$
Ans
< $1 .(16,36,54)$
> 2. $(49,81,137)$

- $3 .(25,49,148)$
Х $4 .(36,64,97)$

Ans

- 1. Saturday

X 2. Friday
X 3. Monday
X4. Sunday
Q. 12 Three different positions of the same dice are shown. Select the pattern that will be on the face opposite to the one having $\mathbb{C}$.


1


2


3

Ans
$X 1 . D$
$\times 2$.
3.
$\times 4$.
0
Q. 13 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.

Ans

1. 162. 121
X 3.100
X4.81
Q. 14 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(45,49,47)$
Ans
Х $1 .(25,54,79)$
Х 2 . $(15,19,37)$
X $3 .(5,39,44)$
v $4 .(35,59,47)$

How many squares are present in the following figure?


Ans
X 1.12
$\times 2.14$
X 3.18

- 4.16
Q. 16 Select the option that is related to the third letter-pair in the same way as the second letterpair is related to the first letter-pair.

PM:UT::RU:?
Ans
X 1.XA
> ${ }_{2.1 \text { хв }}$
X3.WA

- 4. WB
Q. 17 Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.


Ans

$\checkmark 2$

$\times 3$.

Q. 18 Select the Answer Fig. that will come next in the following Problem Fig. series.


Ans

$\times 2$.

Q. 19 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.

42:56
Ans
<1.17:49
<2. $22: 44$
< $3.35: 51$
4. $12: 20$
Q. 20 Which number will replace the question mark (?) in the following series?
$6,12,36,144$, ?
Ans
v 1.720

Х 3.620
X4.420
Q. 21 If CAT is coded as 72 and TROT is coded as 292, then how will STAG be coded as?

Ans
Х 1.47
Х 2.235
Х 3.141
v 4.188
Q. 22 A paper is folded and cut as shown in the following figures $(X, Y$ and $Z$ ). Select the option that depicts how this paper will appear when unfolded.


Ans


Х 2

$\times 4$.

Q. 23 Select the Venn diagram that best illustrates the relationship between the following classes.

Wools, Wood, Leather
Ans
$\times 1$.


X


Q. 24 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.

Trim : Hair
Ans
X1.Dog:Stag
X 2. Eye: Red

- 3. Prune: Shrub

Х4. Nail : Face
Q. 25 In a code language, HUSK is written as LZYR. How will SERIAL be written as in that language?
Ans

- 1. WJXPIU

X 2. WKYQJU
X 3. WKYQJV
(4.WJXPIV
Q. 1 The High Yielding Varieties (HYVs) of wheat were first developed in $\qquad$ _.
Ans $\quad$ 1. Australia
$\checkmark$
2. Mexico

X 3.USA
(4. Japan

## Q. 2 The 2019 Abel Prize has been awarded to

$\qquad$ _.
Ans $\times 1$. Robert P Langlands
X 2. Yves Meyer

- 3. Karen Uhlenbeck

Х 4. Sir Andrew J Wiles

## Q. 3 Which of the following fuels has calorific value equal to petrol?

Ans
X 1. Methane2. Kerosene

X
3. CNG

X4.LPG
Q. 4 In which of the following organs of human body are carbohydrates stored as glycogen?

Ans
X 1 . Stomach
2. Liver

X 3. Small intestine
4. Large intestine

## Q. 5 With which of the following sports is Anjum Moudgil associated?

Ans

1. Archery
2. Table tennis

X 3. Chess
$\checkmark 4$
4. Shooting
Q. 6 The Channel Tunnel is the name of an undersea tunnel connecting:

Ans

1. France and Germany

- 2. France and England

3. France and Spain
4. Spain and Morocco
Q. 7 Which of the following schedules of the Constitution of India contains the format of oaths to be taken by different constitutional functionaries?

Ans
X1.4th Schedule
1 2. 5th Schedule
3. 3rd Schedule
(4.2nd Schedule
Q. 8 In the context of the Internet, which of the followings is NOT a protocol?

Ans 1. TCP $^{\text {1 }}$
X ${ }^{2}$. UDP
X 3. Telnet
4. PPT
Q. 9 The Election Commission of India recently launched a mobile app for enabling citizens to report Model Code of Conduct and Expenditure violations during the elections. The app has been named as:

Ans
Х1. iElect

- 2. cVigil

X 3. iMonitor
X 4. Samadhan
Q. 10 Under the Sustainable Alternative Towards Affordable Transportation (SATAT) scheme,
$\qquad$ is being promoted as an alternative transport fuel.

Ans
X1.CNG
2. compressed biogas

X ${ }^{1}$.LPG
Q. 11 Who among the following is also known as the founder of macroeconomics as a separate discipline?

Ans
X 1. Adam Smith
Х 2. Fischer Black
X 3. Robert Merton
v 4. John Maynard Keynes
Q. 12 The Pradhan Mantri Kisan Samman Nidhi scheme, announced in the Interim Budget 2019, aims at:
Ans

1. providing life insurance for small and marginal farmers
2. ensuring effective implementation of minimum support prices for all edible crops
3. providing medical insurance for small farmer families

- 4. ensuring minimum income for farmer families who own up to two hectares of
cultivable land
Q. 13 Which of the following is NOT a valve of the Heart?

Ans $\times$ 1. Mitral
< 2. Aortic
X 3. Tricuspid
4. Septum
Q. 14 The Mughal emperor $\qquad$ adopted the title of Alamgir.

Ans
X1. Akbar
X
2. Shah Jahan
$\checkmark 3$
3. Aurangzeb

X 4. Jahangir
Q. 15 Who among the following co-authored the book 'Indian Fiscal Federalism' along with YV Reddy?

Ans
-1. GR Reddy
X 2. Raghuram Rajan
<3. Bimal Jalan
<4. Urjit Patel
Q. 16 Which of the following rivers is NOT a part of the Ganga River System?

Ans

- 1 . Dhansari

2. Hindan

X3.Son
X 4. Mandakini
Q. 17 The famous Khajurao Group of Monuments was constructed by the $\qquad$ _.

Ans

1. Solankis

X 2. Gahadavalas
3. Chaulukyas

- 4. Chandelas
Q. 18 The Strait of $\qquad$ connects the Mediterranean Sea with the Atlantic Ocean.

Ans
X1. Bonifacio
⒉ Kerch

- 3. Gibraltar

X4. Messina
Q. 19 As per the Table of Precedence, who among the following enjoys the highest ceremonial protocol?

Ans

1. Holders of Bharat Ratna

X 2. Judges of the Supreme Court of India

- 3. Cabinet ministers of the Union

4. Deputy Chairman of Rajya Sabha

## Q. 20 Sudirman Cup, a bienniel event, is associated with:

Ans

- 1. badminton

2. table tennis
3. hockey
(4. shooting
Q. 21 Which of the following organisations publishes an annual report titled Global Competitiveness Index?
Ans
1 1. International Monetary Fund
Х 2. Asian Development Bank
X 3. World Bank
4. World Economic Forum
Q. 22 In the context of computers and communication technology, 1 megabyte is equal to $\qquad$ _.
Ans
Х 1.512 kilobytes
X 2.512 bytes
X 3.1024 bytes
5. 1024 kilobytes
Q. 23 Who among the following leaders was NOT a founding member of the Hindustan Socialist Republican Army?
Ans
6. Ajoy Ghosh

X 2. Jatin Das
3. Bhagat Singh
4. Badruddin Tyabji
Q. 24 Who among the following Indian female wrestlers won a gold medal in the $59-\mathrm{kg}$ weight category at the 2019 Dan Kovlov - Nikola Petrov tournament?
Ans
X 1. Vinesh Phogat2. Pooja Dhanda

X 3. Navjot Kaur
4. Sakshi Malik
Q. 25 The community called Thatheras figures in the Representative List of the Intangible Cultural Heritage of Humanity, UNESCO for $\qquad$ _.
Ans

1. manufacturing terracotta decorative objects
2. manufacturing brass and copper utensils
3. their traditional dance form called Bhangra
4. their martial art

Section : Quantitative Aptitude
Q. 1 If $\theta=9^{\circ}$, then what is the value of
$\cot \theta \cot 2 \theta \cot 3 \theta \cot 4 \theta \cot 5 \theta \cot 6 \theta \cot 7 \theta \cot 8 \theta \cot 9 \theta$ ?
Ans
$\times 1 \cdot \sqrt{3}-1$

- 2.1

X 3. $\sqrt{3}$
X4. $\frac{1}{\sqrt{3}}$
Q. 2 If $a^{2}+b^{2}=169, \mathrm{ab}=60,(\mathrm{a}>\mathrm{b})$, then $\left(a^{2}-b^{2}\right)$ is equal to:

Ans
X 1.149
$\times 2.129$

- 3. 119
$\times 4.139$
Q. 3 If $x=\frac{1}{12.13}+\frac{1}{13.14}+\frac{1}{14.15}+\cdots \ldots+\frac{1}{23.24} \quad y=\frac{1}{36.37}+\frac{1}{37.38}+\frac{1}{38.39}+\cdots \ldots+\frac{1}{71.72 .}$ then $\frac{x}{y}$ is equal to:

Ans
X $1 \frac{1}{3}$
X2. $\frac{1}{24}$

X3. $\frac{1}{72}$
4. 3
Q. 4 For $\alpha$ and $\beta$ both being acute angles, it is given that
$\sin (\alpha+\beta)=1, \cos (\alpha-\beta)=\frac{1}{2}$. The values of $\alpha$ and $\beta$ are:
Ans
-1. $75^{\circ}, 15^{\circ}$
$\times 2.45^{\circ}, 15^{\circ}$
$\times 3.75^{\circ}, 45^{\circ}$
$\times 4.60^{\circ}, 30^{\circ}$
Q. 5 The simplified value of $\frac{0.01404}{24^{2}+6^{2}-144}$ is:

Ans

1. $3 \times 10^{-5}$

X2. $6 \times 10^{-5}$
X3. $2.4 \times 10^{-4}$
X4. $3 \times 10^{-4}$
Q. 6 OABC is a quadrilateral, where $O$ is the centre of a circle and $A, B, C$ are points in the circle, such that $\angle A B C=120^{\circ}$. What is the ratio of the measure of $\angle \mathrm{AOC}$ to that of $\angle \mathrm{OAC}$ ?
Ans
X1.3:1

- 2. $4: 1$

X 3. 2:1
X4.3:2
Q. 7 The simplified value of

$$
\frac{1}{2} \text { of } \frac{8}{5} \div\left\{2 \frac{1}{5}-\left(\frac{5}{16}+\frac{3}{5} \times 1 \frac{7}{8} \div \frac{2}{3}\right)\right\} \text { is: }
$$

$\times 1 . \frac{1}{4}$

- 2. 4

X $3 . \frac{1}{5}$
$\times 4.5$
Q. 8 Given that the lengths of the paths of a ball thrown with different speeds by two boys are the same, and that the average speed for the first and second throws are respectively $90 \mathrm{~km} / \mathrm{h}$ and $162 \mathrm{~km} / \mathrm{h}$, then what is the time taken by the first throw to cover the length if the same for the second thrown is one second?

Ans
$X 1 \cdot \frac{3}{2} \mathrm{sec}$
X2. 1 sec

- 3. $\frac{5}{9} \mathrm{sec}$

X4. $\frac{2}{3} \mathrm{sec}$
Q. 9 A and B are two points on a circle with centre O . AT is a tangent, such that $\angle B A T=45^{\circ}$. N is a point on OA , such that $\mathrm{BN}=10 \mathrm{~cm}$. The length of the median OM of the $\triangle \mathrm{NOB}$ is:

Ans
X ${ }^{1} 10 \sqrt{2} \mathrm{~cm}$2. $5 \sqrt{2} \mathrm{~cm}$

X ${ }^{3 .} 5 \sqrt{3} \mathrm{~cm}$

- 4. 5 cm
Q. 10 The area of a sector of a circle with central angle $60^{\circ}$ is A . The circumference of the circle is C . Then A is equal to:

Ans


ง. $\frac{c^{2}}{24 \pi}$
$\times 4 . \frac{c^{2}}{4 \pi}$
Q. 11 The difference between the average of first ten prime numbers and the first ten prime numbers of two digits is:

Ans
X 1.14 .5
$\times 2.16 .5$
X 3.12 .5

- 43.5
Q. 12 The side BC of a right-angled triangle $\mathrm{ABC}\left(\angle A B C=90^{\circ}\right)$ is divided into four equal parts at $\mathrm{P}, \mathrm{Q}$ and R respectively. If $A P^{2}+A Q^{2}+A R^{2}=3 b^{2}+17 n a^{2}$, then $n$ is equal to:

Ans
จ1. $-\frac{1}{8}$
X2. $\frac{3}{4}$
$\times$ 3. $\frac{1}{8}$
र4. $-\frac{3}{4}$
Q. 13

It is given that, $\sqrt{\frac{1-\sin x}{1+\sin x}}=a-\tan x$ then $a$ is equal to:
Ans
$X$ 1. $\cos x$
X2. $\sin x$
$X$ 3. $\operatorname{cosec} x$
4. $\sec x$
Q. 14 A shopkeeper bought an article for ₹ 100 and marked its price $25 \%$ above the cost price. How much discount percentage should he announce in order to make a profit of $15 \%$ ?

Ans
$X 1.8 .25$
X2. 8.5
-3. 8
$\times 4.10$
Q. 15 A rectangular portion of an airport runway was getting repaired for which an estimate was made on the basis of a rate $₹ \mathrm{R}$ per square unit. But while doing the work, the length of the portion got increased by $10 \%$ and the breadth by $8 \%$. Over and above this, there was an increase in the cost of the repair work to the extent of $15 \%$. What was the overall percentage increase in the cost of repair over the estimate?
Ans
-1. 36.62
X2. 34.58
X 3.33
$\times 4.35 .24$
Q. 16 A borrowed a sum of $₹ 3,000$ from his friend B on 31 December 2007 on the condition that he would return the same after one year with simple interest at $15 \%$ per annum. However, A gets into a position of returning the sum on 31 August 2008. How much amount had A to return to B ?

Ans
-1. ₹ 3,300
X 2. ₹ 3,200
X 3. ₹ 3,310
X4. ₹ 3,305
Q. 17 The given Bar Graph presents the data of annual income (A) and annual expenditure (B) of an IT officer in a multinational company during the years 2012 to 2016.


For which pair of years, the ratio of savings to expenditure is equal?
Ans
X 1. 2012, 2013
X 2. 2013, 2014
X 3. 2014, 2015

- 4. 2012,2015

Ans
X 1. 259237
X2. 259248
X 3. 259270

- 4. 259259
Q. 19 The given Bar Graph presents the data of annual income (A) and annual expenditure (B) of an IT officer in a multinational company during the years 2012 to 2016.


What was his average monthly savings (in ₹) in 2015 and 2016, taken together (correct to two decimal places)?
Ans
X 1.14,506.33
X2. 14,967.67
X 3.13,687.67

- $4.14,583.33$
Q. 20 It is given that $\triangle A B C \sim \triangle P R Q$ and that Area $\mathrm{ABC}:$ Area $\mathrm{PRQ}=16: 169$. If $\mathrm{AB}=x, \mathrm{AC}=y, \mathrm{BC}=z($ all in cm$)$, then $P Q$ is equal to:

Ans


X2. $\frac{13}{4} z$
X 3. $\frac{13}{4} x$
X4. $\frac{13}{8} x$

The given Bar Graph presents the data of annual income (A) and annual expenditure (B) of an IT officer in a multinational company during the years 2012 to 2016.


What is the percentage of his total savings with reference to his total income for the period 2012-15?
Ans
X 1.30
X2. 27.5
X 3.25

- 4. 20
Q. 22 It is given that men are twice as efficient than women in respect of doing a work. If three men and two women can complete the work in 2 days, then in how many days can a woman working alone complete the work?
Ans

- 2. 16
>3. $10 \frac{1}{3}$
<4.8
Q. 23 The given Bar Graph presents the data of annual income (A) and annual expenditure (B) of an IT officer in a multinational company during the years 2012 to 2016 .


What is the ratio between the ratios of Savings to Expenditure, respectively for the periods 2012-13 and 2015-16?
Ans
X 1.146:135

- 2. $155: 147$

X 3. $21: 34$
X4. $25: 36$
Q. 24 An article is subject to two successive discounts of $10 \%$ and $5 \%$ before being sold. If its marked price is $₹ 800$, then its selling price is:
Ans
X 1. ₹ 722

- 2. ₹ 684

X 3. ₹ 703
X4. ₹ 680
Q. 25 A milkman uses three containers for selling milk, their capacities being $40 \mathrm{~L}, 30 \mathrm{~L}$ and 20 L respectively. He fills respectively $87.5 \%, 80 \%$ and $90 \%$ of the containers with a mix of milk and water in the ratios, $3: 2,5: 1$ and $7: 2$ respectively. What is the ratio of the total quantity of milk to that of water carried by him?
Ans
X1.7:2
X 2. $31: 12$
X 3. $35: 9$
4. $5: 2$

## Section: English Language

Q. 1 Select the alternative that will improve the underlined part of the sentence in case there is no improvement select No improvement.

The crowd wave feverishly when they saw their leader.
Ans
Х 1. waving hard
${ }^{2}$ 2. wave well
Х 3. No improvement

- 4. waved frantically
Q. 2 Select the word which means the same as the group of words given.

The original inhabitants of a country
Ans
X 1 . slaves
Х 2 immigrants
3. aborigines
<4. residents
Q. 3 Select the most appropriate option to fill in the blank.

The employees of our company are not $\qquad$ of their freedom.

Ans
X 1. deployed
< 2. denied
(3. dissipated
4. deprived
Q. 4 Select the most appropriate antonym of the given word.

AMASS
Ans

1. collect
$>$
2. horde
< 3. heap
3. distribute
Q. 5 Select the most appropriate synonym of the given word.

WARY
Ans
(1.rash
(2. inattentive

* 3 . $\operatorname{lax}$
- 4. alert
Q. 6 Select the most appropriate synonym of the given word.

RECEDE
Ans
X 1. increase
2 2. intensify
3 3. waver

- 4. wane
Q. 7 Choose the option that is the passive form of the sentence.

The chief guest gave prizes to the children.
Ans

1. The children were being given prizes by the chief guest.
2. The children are given prizes by the chief guest.
3. The children were given prizes by the chief guest.
4. The children was given prizes by the chief guest.

## 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 two men bowed to one (1) $\qquad$ and parted. D'Artagnan found himself in a difficult (2)
__ He was going to have to (3) $\qquad$ three duels in a (4) $\qquad$ of three hours. He
thought, "If they kill me, (5) $\qquad$ I shall be killed by a Musketeer.

SubQuestion No : 8
Q. 8

Select the most appropriate option to fill blank no. 1
Ans
Х1. each
X 2. other
< 3.self
v 4. another

## 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 two men bowed to one (1) $\qquad$ and parted. D'Artagnan found himself in a difficult (2)
$\qquad$ . He was going to have to $\square$
$\qquad$ three duels in a (4) $\qquad$ of three hours. He
thought, "If they kill me, (5) $\qquad$ I shall be killed by a Musketeer.

SubQuestion No: 9
Q. 9 Select the most appropriate option to fill blank no. 2

Ans $>$ 1.location2. relation

- 3. situation
(4. station


## 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 two men bowed to one (1) $\qquad$ and parted. D'Artagnan found himself in a difficult (2) ___ . He was going to have to (3) $\qquad$ three duels in a (4) $\qquad$ of three hours. He thought, "If they kill me, (5) $\qquad$ I shall be killed by a Musketeer.

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

Ans
3. fight
<4.fix

## 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 two men bowed to one (1) ____ and parted. D'Artagnan found himself in a difficult (2)
$\qquad$ He was going to have to (3) $\qquad$ three duels in a (4) $\qquad$ of three hours. He
thought, "If they kill me, (5) $\qquad$ I shall be killed by a Musketeer.

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

Ans
Х 1. place
2. matter

X 3 . gap
4.time

## 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 two men bowed to one (1) $\qquad$ and parted. D'Artagnan found himself in a difficult (2)
$\qquad$ . He was going to have to (3) $\qquad$ three duels in a (4) $\qquad$ of three hours. He thought, "If they kill me, (5) $\qquad$ I shall be killed by a Musketeer.

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

Ans
X 1.maximum
v 2. at least
X 3. least
4. even though
Q. 13 Select the most appropriate meaning of the underlined idiom in the given sentence.

My aunt who orders every one around is a pain in the neck.
Ans

- 1. irritating
(2. short tempered
< 3. curious
\$ 4. argumentative
Q. 14 Select the correctly spelt word.

Ans
Х 1. contrapsion
X 2. cunstruction

- 3. controversy

4. controdiction
Q. 15 Select the alternative that will improve the underlined part of the sentence in case there is no improvement select No improvement.

I experienced excruciating pain when the hammer fell on my foot.
Ans

1. exciting pain

2 2. affable paining
3. strong pains

- 4. No improvement
Q. 16 Select the correctly spelt word.

Ans2. nesessary
$\checkmark 3$
3. necessary4. necessery
Q. 17 Select the most appropriate option to fill in the blank.

The Prime Minister was $\qquad$ a ceremonial welcome.
Ans
$\checkmark$
2. extended

X
3. expected4. invited
Q. 18 Identify the segment in the sentence, which contains the grammatical error.

My grandmother has been lives in Shimla since her childhood days.
Ans

- 1. has been lives

2 2. her childhood days
(3. My grandmother
(4. in Shimla since
Q. 19 Select the most appropriate antonym of the given word.

POROUS
Ans
Х ${ }^{1}$. spongy
X 2. permeable

- 3. impermeable
(4. absorbent
Q. 20 Choose the option that is the indirect form of the sentence.

A new student said to me, "Where is the Principal's office?"
Ans

1. A new student asked me where the Principal's office is.
2. A new student asked me where is the Principal's office.
3. A new student said to me where the Principal's office was.

- 4. A new student asked me where the Principal's office was.
Q. 21 Identify the segment in the sentence, which contains the grammatical error.

Very little metals are as precious as gold.
Ans
(1. as precious

X 2. metals are
3 3. as gold
v 4. Very little
Q. 22 Select the most appropriate meaning of the underlined idiom in the given sentence.

Please come to the point, don't beat around the bush.
Ans

- 1. avoid the topic

2. hide behind a bush
< 3. make excuses
Q. 23 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. Yes, first get us some fresh juice and some sandwiches.
B. May I take your order?
C. Not now, maybe a little later.
D. Sure. Would you like some coffee too?

Ans

1. CDBA
2. $A B C D$
3. BADC
4. BCDA
Q. 24 Select the word which means the same as the group of words given.

One who treats skin diseases
Ans

1. dermatologist
2. radiologist
3. geologist
4. cardiologist
Q. 25 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. Then she does some gardening.
B. Finally before her mid morning nap, she eats a light breakfast.
C. My grandmother is an active eighty year old.
D. She begins her morning with meditation.

Ans
Х1.CDBA
X 2. DCBA
Х3.CABD

- 4. CDAB


[^0]:    $\times 1.7$

[^1]:    1. The policeman ordered them not to park here.
