## Exampapers247

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

| Roll No. |  |
| :--- | :--- |
| Registration No. |  |
| Name |  |
| Test Venue | iON Digital Zone iDZ Old Alwal |
| Test Time | 10:00 AM - 11:00 AM |
| Test Date | $03 / 07 / 2019$ |

Section : General Intelligence
Q. 1 A paper is folded and cut as shown in the following figures. How will it appear when unfolded?


Ans

Q. 2 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
Х 1.2421
2. 7261

X 3.5472
>4. 4842
$28-42 \div 2+276 \times 23=-44$
Ans
(1.+and $\div$
< ${ }_{2}$ + and -
<3. $\times$ and +
v $4 . \times$ and $\div$
Q. 4 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.

Year: June
Ans

1. Week: Thursday

X 2. April: Month
3. Week: Calendar
4. Year: Century
Q. 5 There are two Married couples in a family. \% has two children. A is wife of @, who is brother of \#. F is daughter of $\% . \mathrm{U}$ is sister of S , who is son of $@$. T is son of \#, who is a male.

How is A is related to \%?
Ans
1 1 . Sister

- 2. Sister in law

X 3. Brother
Х 4. Brother in law
Q. 6 Arrange the following words in the order as they would appear in English dictionary.

1. Denote
2. Destiny
3. Diagonal
4. Demand
5. Density

Ans
X1.4,1,2,5,3

- $2.4,1,5,2,3$

X3,4,3,2,1,5
X4.3,5,1,4,2

## MILTON be coded as?

Ans

- 1. 22213235295

X 2. 22122353295
X 3. 2222213355
X4. 21223239525
Q. 8 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(11,13,288)$
Ans
-1. $(7,11,162)$
人2. ${ }_{(19,23,828)}$
X 3 . $(3,5,31)$
X4. ${ }_{(13,17,415)}$
Q. 9 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans

1. AVZ
2. UPF

- 3. OKL
X4. EZV
Q. 10 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:
Some tractors are boats.
All cups are boats.
All jars are tractors.

## Conclusions:

I. Some tractors are cups.
II. No jar is boat.
III. Some cups are jars.

Ans
X 1. Only conclusions I and II follow.
Х 2. Only conclusions II and III follow.
3. None of the conclusions follows.
4. Only conclusions I and III follow.
Q. 11 In a code language, LOGITECH is written as CFCEBAYD. How will INFORMATION be written as in that language?
Ans
X 1. EEBFIDBWFEE
X 2. EBEDIFBWFEE

- 3. EEBFIDWBEFE
(4.EBEFDIWBEFE
Q. 12 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

MARK : FHMP :: LOAN : $\qquad$
Ans
Х 1. SVEV
X2.EVSV

- 3.EVVS

X4.SVVE
Q. 13 Two different positions of the same dice are shown. Which number will be at the top if 2 is at the bottom?

(i)

(ii)

Ans
X1. 4

- 2.6
>3.1
X4.3
Q. 14 Twenty teams take part in a football tournament. Each team has to play every other team. How many games would be played in the tournament?
Ans
X1. 195
$\checkmark 2$

2. 190

X 3.170
<4. 180
Q. 15 Select the option that is related to the third number in the same way as the second number is related to the first number.

68 : 100 :: 45 : $\qquad$
Ans

- 1.41
×2. 114
X 3.14
X4. 141
Q. 16 Select the figure that will come next in the following figure series.


Ans

Q. 17 Painter' is related to 'Paintbrush' in the same way as 'Farmer' is related to ' $\qquad$ '.
Ans
X 1 . Colour
X 2 . Crops
( 3. Harvest
4. Plough
Q. 18 Select the Venn diagram that best illustrates the relationship between the following classes.

Lecturers, Singers, Men
Ans
$\checkmark 1$

$\times 2$.

Х 3


$\times 4$.

Q. 19 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

## a_b_aad_ca_dbc_adb_a

Ans
Х 1. dcabca
Х 2. dbcaca
3. dcbaac
Х4. dcabac
Q. 20 How many triangles are present in the following figure?


X2. 26
$\times 3.30$
4. 28
Q. 21 Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.


Ans

Q. 22 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

Ans
X 1. Parasailing
< 2. Surfing
(3. Swimming
4. Driving
Q. 23 Which number will replace the question mark (?) in the following series?
$3,14,29,38,51,58,69$, ?
Ans

- 1.74
32.37
< 3.73
\$4.47
Q. 24 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(11,13,17)$
Ans
Х $1 .(5,7,9)$
X 2. $(29,31,41)$
- 3. $(19,23,29)$

X $4 .(31,37,43)$
Q. 25 Select the option in which the given figure is embedded.


Ans


## Section : General Awareness

Q. 1 Which popular Indian band of the 90s released their first album 'Boondein' with Mohit Chauhan as the lead?

Ans

1. Pentagram
<2.13AD

- 3. Silk Route

4. Lost Stories
Q. 2 In the new 2019 Narendra Modi cabinet, which portfolio is assigned to Smriti Irani?

Ans

1. Ministry of Human Resource Development
2. Ministry of External Affairs

- 3. Ministry of Women and Child Development

X 4. Ministry of Law and Justice
Q. 3 In which year the Indian cricket team won the ODI World Cup for men for the second time?

Ans
v 1.2011
Х 2.2003
X 3.2015
X 4.2007
Q. 4 In the context of Cloud Computing, what is the full form of PaaS?

Ans
Х 1. Protocol as a Service
2. Performance as a Service
3. Payment as a Service

- 4. Platform as a Service
Q. 5 Which of the following banks was founded by Muttaiya Chidambaram Chettiar Muthiah Chidambaram Chettiar in Chennai in 1937?

Ans
X 1. Canara Bank

- 2

2. Indian Overseas Bank3. Syndicate Bank
Q. 6 The quote "Bombs and pistols do not make a revolution. The sword of revolution is sharpened on the whetting-stone of ideas" belongs to which of the following freedom fighters?

Ans

1. Bal Gangadhar Tilak

X 2. Subhash Chandra Bose
3. Bhagat Singh

X 4. Lala Lajpat Rai
Q. 7 In which state is Sasthamcotta Lake located?

Ans

1. Tamil Nadu
2. Telangana

- 3. Kerala

4. Karnataka

## Q. 8 Dolomite is an ore of which of the following metals?

Ans

1. Strontium
2. Potassium
3. Aluminium
4. Calcium
Q. 9 In April 2018, the United Nations General Assembly declared 3rd June as $\qquad$ .
Ans
5. World Water Transport Day
6. World Automobile Day
7. World Motorcycle Day

- 4. World Bicycle Day
Q. 10 In which year was the Central Board of Revenue Act in India promulgated?

Ans

7 3.1973
< 4.1953
Q. 11 Indira Sagar Dam which is a concrete gravity dam is located in which of the following states of India?
Ans
X 1. Uttar Pradesh
Х 2 . Maharashtra
X 3. Chattisgarh

- 4. Madhya Pradesh
Q. 12 When pressure is applied to a fluid, the pressure change is transmitted to every part of the fluid without any loss. Which of the following laws explains this phenomenon?

Ans

1. Hooke's Law
2. Bernoulli's Law

X 3. Avogadro's Law
4. Pascal's Law
Q. 13 Which committee was appointed to give a detailed report on the Non Performing Assets of public sector banks?
Ans
Х 1. Malegam Committee
2. Srikrishna Committee
3. Pannir Selvam Committee

Х 4. Mandal Committee
Q. 14 In January 2019, which panel was setup by the RBI to suggest measures to strengthen the safety of the digital payments ecosystem in India?
Ans
X 1. Sudha Murthy Panel2. Raghuram Rajan Panel3. Nandan Nilekani Panel
4. Urjit Patel Panel
Q. 15 Who among the following has been appointed as the Ethics Officer of the Indian cricket board in March 2019?

Ans

1. Milind Kharat

X 2. Suresh Babu
X 3. Dinesh Kumar Verma
4. D.K.Jain
Q. 16 In which year was the State Financial Corporation Act passed? The Act provides for the establishment of state financial corporations.
Ans
Х 1.1972
Х 2.1983

- 3.1951

Х4. 1947
Q. 17 The distributory of which river takes the name 'Padma' in Bangladesh?

Ans
X 1. Jhelum

- 2. Ganga

3. Brahmaputra

Х4. Indus
Q. 18 The Valley of Flowers National Park is located in $\qquad$
Ans

1. Uttarakhand

X 2. Jammu \& Kashmir
3. Himachal Pradesh
(4. Meghalaya
Q. 19 Who is the Asian cricketer named as the first non-British president of the prestigious Marylebone Cricket Club (MCC)?
Ans
Х 1. Wasim Akram
2. Mahela Jayawardene
3. Kumar Sangakkara
Q. 20 The world body governing of which sport has introduced a new game format called "Triples"?
Ans
1 1. Table tennis
< 2 . Tennis
3. Badminton
(4. Squash
Q. 21 Which of the following is NOT one of the tools of Robotics Process Automation?

Ans
X 1. Blue Prism
X 2 . Ui Path
3. Automation Anywhere

- 4. PowerCenter
Q. 22 Pandit Shivkumar Sharma, who is a recipient of Padma Vibhushan, is associated with which of the following instruments?
Ans

1. Santoo
(2. Flute
Х3. Tabla
X 4. Viloin
Q. 23 Reliance Infrastructure has bagged a Rs 648 crore contract from the Airport Authority of India to build a new airport at which of the following locations of Gujarat?

Ans
1 1. Ambaji
(2. Veraval

- 3. Hirasar

Х4.Keshod

1. He composed the music for the National Anthem
2. He helped in the annexation of Goa

- 3. He designed the Indian National Flag

4. He helped in the annexation of Hyderabad
Q. 25 The terms systolic and diastolic are used in the context of $\qquad$
Ans
(1. Detecting problems in eye sight
(2. Counting blood platelets

- 3. Measuring blood pressure

4. Finding blood vessels

## Section: Quantitative Aptitude

Q. 1 A sum of $₹ 10000$ amounts to $₹ 11664$ in 2 years, at a certain rate percent per annum, when the interest is compounded yearly. What will be the simple interest on the same sum for $5 \frac{2}{5}$ years at the same rate?
Ans

- 1. ₹ 4320

X 2. ₹ 4160
X 3. ₹ 3840
X 4. ₹ 4040
Q. 2 If an eleven-digit number $5 y 5888406 x 6$ is divisible by 72 , then what is the value of $(9 x-2 y)$, for the least value of $x$ ?

Ans
X1. 5

- 2. 3
$\times 3.4$
$\times 4.7$
Q. 3 PQRS is a cyclic quadrilateral. If $\angle \mathrm{P}$ is four times $\angle \mathrm{R}$ and $\angle \mathrm{S}$ is three times $\angle \mathrm{Q}$, then the sum of $\angle \mathrm{Q}$ and $\angle \mathrm{R}$ is:

Ans
X1. $77^{\circ}$
Х 2. $73^{\circ}$

- 3. $81^{\circ}$
$\times 4.86^{\circ}$
Q. 4 In $\triangle \mathrm{ABC}, \mathrm{BD} \perp \mathrm{AC}$. E is a point on BC such that $\angle \mathrm{BEA}=x^{\circ}$. If $\angle \mathrm{EAC}=38^{\circ}$ and $\angle \mathrm{EBD}=40^{\circ}$, then the value of $x$ is:

Ans 1. $88^{\circ}$
X2. $68^{\circ}$
$\times$ 3. $78^{\circ}$
$\times 4.72^{\circ}$
Q. 5

If $\cot \theta=\sqrt{6}$, then the value of $\frac{\operatorname{cosec}^{2} \theta+\sec ^{2} \theta}{\operatorname{cosec}^{2} \theta-\sec ^{2} \theta}$ is:
Ans
$\times 1 . \frac{49}{36}$
$\times 2 . \frac{43}{36}$
-3. $\frac{7}{5}$
X4. $\frac{48}{35}$
Q. 6 If $\sin \theta \sec ^{2} \theta=\frac{2}{3}, 0^{\circ}<\theta<90^{\circ}$, then the value of $\left(\tan ^{2} \theta+\cos ^{2} \theta\right)$ is:

Ans
$\times 1 . \frac{7}{6}$
$\times 2 \cdot \frac{11}{12}$

- 3. $\frac{13}{12}$
$\times 4 . \frac{5}{4}$
Q. 7 Sudha spends $80 \%$ of her income. When her income is increased by $30 \%$, she increases her expenditure by $25 \%$. Her savings are:

X 1. Increased by $5 \%$
X 2. Decreased by $30 \%$
X 3. Decreased by $5 \%$
4. Increased by $50 \%$
Q. 8 Eight years ago, the ratio of ages of A and B was $9: 10$. The ratio of their ages 4 years from now will be $12: 13$. What is the age (in years) of C now, if his age is 6 years more than that of A ?

Ans
X1. 56
$\times 2.42$

- 3. 50
$\times 4.48$
Q. 9 The simplified value of $3 \times 2 \div 3$ of $2 \times 3 \div\left(5+5 \times 5 \div 5\right.$ of $5-5 \div 10$ of $\left.\frac{1}{5}\right)$ is:

Ans
จ1. $\frac{6}{7}$
$\times 2 . \frac{17}{5}$$\frac{2}{3}$
$\times$ 4. $\frac{30}{59}$
Q. 10 A circle circumscribes a rectangle whose sides are in the ratio $4: 3$. If the perimeter of the rectangle is 56 cm , then what is the area (in $\mathrm{cm}^{2}$ ) of the circle?

Ans
X $1.70 \pi$
X $2.96 \pi$
X $3.90 \pi$
4. $100 \pi$
Q. 11 O is the centre of a circle to which PAX and PBY are tangents from a point P at points A and B . Q is a point on the circle, such that $\angle Q A X=49^{\circ}$ and $\angle Q B Y=62^{\circ}$. What is the measure of $\angle A Q B$ ?

Ans
$\times 1.67^{\circ}$
Х2. $59^{\circ}$
-3. $69^{\circ}$
Х4. $63^{\circ}$
Q. 12 If $\frac{(\sin \theta-\operatorname{cosec} \theta)(\cos \theta-\sec \theta)}{\tan ^{2} \theta-\sin ^{2} \theta}=r^{3}$, then $r=$

Ans
X $1 \cdot \sin \theta \cos \theta$
X2. $\tan \theta$

- 3. $\cot \theta$

X4. $\operatorname{cosec} \theta \sec \theta$
Q. 13 Pipes A and B can fill a tank in 8 hours and 12 hours, respectively whereas pipe $C$ can empty the full tank in 6 hours. A and $B$ are opened for 3 hours and then closed and $C$ is opened instantly. $C$ will empty the tank in:
Ans
X $1.4 \frac{1}{2}$ hours
X 2. $4 \frac{1}{4}$ hours
X 3. $3 \frac{1}{2}$ hours

- 4. $3 \frac{3}{4}$ hours
Q. 14 An article is marked at a price which is 1.2 times its cost price. After allowing a certain discount on the marked price, the profit reduces to $10 \%$. The discount percent is:

Ans
-1. $8 \frac{1}{3}$
$\times 2.9$
$\times 3.10$
X4. $8 \frac{2}{3}$
Q. 15 A vendor bought 40 dozen of fruits for $₹ 2400$. Out of these, 30 fruits were rotten and thrown away. At what rate per dozen should he sell the remaining fruits to make a profit of $25 \%$ ?

Ans
X 1. ₹84
X 2. ₹ 72
X 3. ₹ 90

- 4. ₹ 80
Q. 16 The given Bar Graph presents Different Type of Vehicles (in lakhs) exported by a company in 2016 and 2017.


The export of which type of vehicle in 2017 is approximately $18.3 \%$ more than the export of same type of vehicle in 2016?
Ans

- 1. C

X 2. D
X 3. E
X4.B
Q. 17 The average weight of the students in a group was 75.4 kg . Later on, four students having weights, $72.9 \mathrm{~kg}, 73.8 \mathrm{~kg}$, 79.5 kg and 87.4 kg joined the group. As a result, the average weight of all the students in the group increased by 0.24 kg . What was the number of students in the group, initially?
Ans
ป1. 46
X2. 36
$\times 3.50$
$\times 4.48$
Q. 18 If $x$ is real, and $x^{4}-5 x^{2}-1=0$, then the value of $\left(x^{6}-3 x^{2}+\frac{3}{x^{2}}-\frac{1}{x^{6}}+1\right)$ is:

Ans 1. 126
$\times 2.110$
$\times 3.116$
$\times 4.96$
Q. 19 If $24 \sqrt{3} x^{3}+5 \sqrt{5} y^{3}=(2 \sqrt{3} x+\sqrt{5} y) \times\left(A x^{2}+B x y+C y^{2}\right)$, then what is the value of $\left(A^{2}-B^{2}+C^{2}\right)$ ?

Ans
$\times 1.108$
$\times 2.128$

- 3. 109

X4.139
Q. 20 In $\triangle A B C, D$ and $E$ are the points on sides $A C$ and $A B$, respectively such that $\angle A D E=\angle B$. If $A E=8 \mathrm{~cm}, C D=3 \mathrm{~cm}$, $\mathrm{DE}=6 \mathrm{~cm}$ and $\mathrm{BC}=9 \mathrm{~cm}$, then AD is equal to:
Ans
$X 1.8 \mathrm{~cm}$
$\times 2.6 \mathrm{~cm}$

- 3.9 cm

X 4.7 .5 cm
Q. 21 The given Bar Graph presents Different Type of Vehicles (in lakhs) exported by a company in 2016 and 2017.


What is the ratio of the total number of vehicles of type D and E exported by the company in 2016 to that of vehicles of type C and E exported in 2017?
Ans
X1.4:5

- 2. $20: 23$
(3.10:11

Х4.5:6
Q. 22 The given Bar Graph presents Different Type of Vehicles (in lakhs) exported by a company in 2016 and 2017.


The total number of vehicles of type C and E exported by the company in 2017 is what percentage (correct to one decimal place) more than the total number of vehicles of type A, B and C exported in 2016 ?

Ans
Q. 23 The given Bar Graph presents Different Type of Vehicles (in lakhs) exported by a company in 2016 and 2017.


The average number of all types of vehicles exported by the company in 2016 is what percent less than the number of type B vehicles exported in 2017?
Ans
>1. 15
$\times 2.12$
$\times 3.18$

- 4.16
Q. 24 If $x+y+z=2, x y+y z+z x=-11$, then the value of $x^{3}+y^{3}+z^{3}-3 x y z$ is:

Ans
Х 1.152
$\times 2.70$
×3.148
ง 4.74
Q. 25 A 360 m long train running at a uniform speed, crosses a platform in 55 seconds and a man standing on the platform in 24 seconds. What is the length (in metre) of the platform?

Ans
X 1.480
$\times 2.445$
$\times 3.410$

- 4.465
Q. 1 Select the word which means the same as the group of words given.

A sound that cannot be heard
Ans
Х 1. illegible
< 2. inevitable
X 3. incomprehensible

- 4. inaudible
Q. 2 Select the wrongly spelt word.

Ans

- 1 . inefficent

Х 2. independence
X 3. influence
(4. inequality

## Q. 3 Select the correct passive form of the given sentence.

The merchant took out the dead parrot from the cage.
Ans

1. The dead parrot took out from the cage by the merchant.

Х 2. The dead parrot is taken out from the cage by the merchant.
3. The dead parrot was taking out from the cage by the merchant.

- 4. The dead parrot was taken out from the cage by the merchant.


## Q. 4 Select the most appropriate antonym of the given word.

DENOUNCE
Ans
Х 1. criticise

- 2. applaud
>3. vilify
X4. blame


## Q. 5 Select the most appropriate word to fill in the blank.

Adali Khal is such a $\qquad$ village in Garhwal that hardly any tourist can reach there.
Q. 6 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. But after a while they all began to blur in our memories.
B. When we arrived in Bangkok, we took a tour of the city's famous Buddhist temples.
C. However there was one temple, the Temple of Golden Buddha, which left an indelible impression in our hearts and minds.
D. We visited numerous temples that day.

Ans
Х1. BACD
X2. DCBA
入3.ADBC

- 4. BDAC
Q. 7 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.

She has been writing this novel for a year but she did not finish it yet.
Ans
1 1. had not finished it
2. has not finish it

X 3. No improvement
4. has not finished it
Q. 8 Select the most appropriate antonym of the given word.

OPAQUE
Ans
X 1. dull

- 2. clear
> 3 frosty
X4. hazy


## Q. 9 Select the most appropriate synonym of the given word.

ENTHRALL

Ans

1. disgust

K2 free

- 3. mesmerize
<4. repel
Q. 10 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. There was an old apple tree in the centre of a village.
B. The adults also sat in the shade and discussed important things.
C. They remembered that they too had played around the tree when they were young.
D. Children loved to play around the tree and pick delicious apples.

Ans

- 1. $A D B C$

Х 2 . DCAB
X 3. CBAD
X 4. ACBD
Q. 11 Select the correct indirect form of the given sentence.

Bhola said to his mother, "Why is this charcoal so black?"
Ans

1. Bhola asked his mother why was that charcoal so black.

Х 2. Bhola told his mother why that charcoal was so black.
3. Bhola asked his mother why that charcoal was so black.
4. Bhola asked his mother why this charcoal is so black.
Q. 12 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.

They dissuaded me of visiting the War Memorial but I really wanted to see it.
Ans
(1. of visit

Х 2. No improvement

- 3. from visiting

4. to visiting
Q. 13 Select the most appropriate meaning of the given idiom.

The crux of the matter

1. the unknown point
( 2. the lesser issue

- 3. the critical point

4. the interesting thing
Q. 14 Select the wrongly spelt word.

Ans
Х 1 . bliss

- 2. behaive
> 3.board
X4. better
Q. 15 Select the word which means the same as the group of words given
a rabbit's dwelling.
Ans
X 1 . lair
- 2. burrow

X 3. sty
>4.den
Q. 16 In the sentence identify the segment which contains the grammatical error.

The promoters of Med Hospitals has agreed to sell their business to Pal Hospitals.
Ans

1. The promoters of
2. to sell their business

- 3. Med Hospitals has agreed

4. to Pal Hospitals
Q. 17 Select the most appropriate meaning of the given idiom.

Four corners of the earth
Ans

1. from the very beginning
2. from morning till night

- 3. from all parts of the world

4. from beginning to end

## Q. 18 Select the most appropriate word to fill in the blank.

She was $\qquad$ to have worked with some renowned scientists of the world.

Ans 1. favourable
< 2. affluent
< 3. charmed
4. fortunate
Q. 19 In the sentence identify the segment which contains the grammatical error.

The launch of the small electric car will depend to the willingness of buyers to pay more for it.
Ans

1. depend to the willingness
2. of buyers to pay more for it
3. The launch of the
-4. small electric car will

## 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.

China is the largest producer of pork, but it (1) $\qquad$ a big problem at the moment. There is an epidemic (2) $\qquad$ is killing its pigs. The virus was first (3) $\qquad$ in August last year, but one million pigs have died by now. It is a (4) $\qquad$ virus and when a pig catches it, it dies. China thinks that one third of (5) $\qquad$ pigs are going to die by the end of this year.

SubQuestion No : 20
Q. 20 Select the most appropriate option for blank No. 1.

Ans
< 1. faced2. was facing
< 3.face
v 4. is facing

## 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.

China is the largest producer of pork, but it (1) $\qquad$ a big problem at the moment. There is an epidemic (2) $\qquad$ is killing its pigs. The virus was first (3) $\qquad$ in August last year, but
one million pigs have died by now. It is a (4) ___ virus and when a pig catches it, it dies.
China thinks that one third of (5) $\qquad$ pigs are going to die by the end of this year.

SubQuestion No : 21
Q. 21 Select the most appropriate option for blank No. 2.

Ans
> 1. who

- 2. which

3 3. what
(4. whom

## 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.

China is the largest producer of pork, but it (1) $\qquad$ a big problem at the moment. There is an epidemic (2) $\qquad$ is killing its pigs. The virus was first (3) $\qquad$ in August last year, but one million pigs have died by now. It is a (4) $\qquad$ virus and when a pig catches it, it dies.
China thinks that one third of (5) $\qquad$ pigs are going to die by the end of this year.

SubQuestion No : 22
Q. 22 Select the most appropriate option for blank No. 3.

Ans

- 1. discovered
(2. searched
< 3. learned
(4. invented


## 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.

China is the largest producer of pork, but it (1) $\qquad$ a big problem at the moment. There is an epidemic (2) $\qquad$ is killing its pigs. The virus was first (3) $\qquad$ in August last year, but
one million pigs have died by now. It is a (4) $\qquad$ virus and when a pig catches it, it dies.
China thinks that one third of (5) $\qquad$ pigs are going to die by the end of this year.

SubQuestion No : 23

## Q. 23 Select the most appropriate option for blank No. 4.

Ans

1. violent
< 2. cruel
( 3. bloody4. deadly

## 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.

China is the largest producer of pork, but it (1) $\qquad$ a big problem at the moment. There is an epidemic (2) $\qquad$ is killing its pigs. The virus was first (3) $\qquad$ in August last year, but one million pigs have died by now. It is a (4) $\qquad$ virus and when a pig catches it, it dies.
China thinks that one third of (5) $\qquad$ pigs are going to die by the end of this year.

SubQuestion No : 24
Q. 24 Select the most appropriate option for blank No. 5.

Ans
< 1. theirs
< 2. hers
< 3. his
v 4 . its
Q. 25 Select the most appropriate synonym of the given word.

FORTIFY
Ans


## Combined Higher Secondary Level (10+2) Examination2018

| Roll No. |  |
| :--- | :--- |
| Registration No. |  |
| Name |  |
| Test Venue | iON Digital Zone iDZ 1 Patia |
| Test Time | 1:00 PM - 2:00 PM |
| Test Date | 03/07/2019 |

## Section : General Intelligence

Q. 1 In the month of June, the number of girls in a class was half of the number of boys. In July, five more girls took admission, whereas five boys left the school. Now, the number of boys and girls is equal in the class. How many students in total were there in the class in June?
Ans

- 1.30

Х 2.25
X 3.354. 20
Q. 2 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.
_ _ Q DPC _ Q C Q _ CPDQC_DP_PD
Ans
>1. QCPCPPQC2. PCPDDPDC3. QCDDDPQD
4. QCPDDPQC
Q. 3 Mayank is the son of Chhaya. Chhaya and Deepa are sisters. Gayatri is the mother of Deepa. If Naman is the son of Gayatri, how is Mayank related to Naman?
Ans

- 1. Nephew

X 2. Brother
$X$
3. Father
4. Son
Q. 4 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.


Ans

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.

442:21
Ans
-1.257:16
<2.323:19
< $3.223: 13$
<4.238:14
Q. 6 ' $A$ + $B$ ' means ' $A$ is the mother of $B$ '.
' $A$ - $B$ ' means ' $A$ is the wife of $B$ '.
' $A \times B$ ' means ' $A$ is the brother of $B$ '.
' $A \div B$ ' means ' $A$ is the husband of $B$ '.
If $\mathrm{T} \div \mathrm{V}+\mathrm{Q}-\mathrm{J} \times \mathrm{M}+\mathrm{U}$, then how is T related to J ?
Ans

2. Son-in-law
3. Brother
4. Father
Q. 7 Select the term that will come next in the following series.

Ans $<1.216$2. 2403. 210

X
4. 186
Q. 8 'Chassis' is related to 'Car' in the same way as 'Skeleton' is related to ' $\qquad$ ,'

Ans
X 1

1. Spinal cord

X
2. Organs3. Bones
4. Body
Q. 9 Select the option in which the given figure $(\mathrm{X})$ is embedded (rotation not allowed).


Ans

$>3$.

>4.

Q. 10 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(84,60,51)$
Ans
>1. $(64,80,72)$2. $(80,98,69)$
(3. $(72,56,62)$
Q. 11 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
Ans

1. Cells
2. Atoms

7
3. Tissues
4. Organs
Q. 12 Select the Venn diagram that best illustrates the relationship between the following classes.

Men, Players, Fathers.
Ans

$>2$

× 3.

$\otimes 4$.

Q. 13 Three different positions of the same dice are shown. Find the number on the face opposite the face showing ' 3 '?


Ans
X1. 6
$\times 2.5$
$\times 3.4$

- 4.2
Q. 14 Two statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All parks are schools.
No school is a college.
Conclusions:
I. No college is a school.
II. Some schools are parks.
III. No park is a college.

Ans

- 1. All the conclusions follow

X 2. Only conclusions II and III follow.
Х 3. Only conclusions I and II follow.
4. Only conclusions I and III follow.
Q. 15 Select the figure that will come next in the following figure series.


Ans

$\times 2$


Q. 16 In a code language, CONVEYER is written as FLQYBBBU. How will PERSONAL be written as in that language?

Ans

- 1. SBUVLQXO2. SBOULQXO
< 3. sBUVLQDO
$>$

4. RAUVMQYO
Q. 17 Select the set in which the numbers are related in the same way as are the numbers of the following set.
$(4,6,52)$
Ans
v $1 .(3,5,34)$
>2. $(5,7,72)$
Х 3 (6, 7, 95)
>4. $(7,9,120)$
Q. 18 Which two signs should be interchanged in the following equation to make it correct?
$868+14 \times 55-1064 \div 56=117$
Ans
<1. + and $\div$
$\$$
5. $\times$ and -3. + and -

7
4. $\div$ and $\times$
Q. 19 If $W=46$ and CAT $=48$, then how will you code SALE?

Ans
X 1.54
$\checkmark$
2. 743. 110
$>$
4. 19
Q. 20 How many triangles are present in the following figure?


Ans
X1. 25

- 2. 26
$\times 3.27$
$\times 4.28$

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

## R G Y b s Q 791

Ans

- I P「O 2dY О Я



Q. 22 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

QDUJ : VIZO :: LPAR : ?
Ans
X 1. QUEX
入 2. RUFW
X 3. PUFY
4. QUFW
Q. 23 Which number will replace the question mark (?) in the following series?

16, 30, 62, 122, 246, ?
Ans

* 1.490
>2. 488
>3.492
<4.494
Q. 24 Select the term that will come next in the following series.

JVD, MTF, PRH, ?, VNL
Ans
<1.RPJ
2. SPJ
$>$
3. SQJ
<4.RQI
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.

## Nephrology : Kidney

Ans 1. Cardiology: Liver
2. Ophthalmology: Eyes3. Pathology: Tissues

7
4. Zoology : Plants

Section: General Awareness
Q. 1 Gahirmatha Sanctuary is the only Sanctuary for $\qquad$ in Odisha.

Ans
>1. Elephants

- 2. Turtles
< 3. Crocodiles
>4. Deer
Q. 2 In which state is the Chamera Hydro Electric Project located?

Ans $\times$ 1. Maharashtra2. Gujarat3. Himachal Pradesh4. Punjab
Q. 3 The newly commissioned 64-foot Vishwaroopa Mahavishnu statue is proposed to be installed at Kothandaramaswamy temple in which city?
Ans

- 1. Bengaluru

2. Chennai
3. Hyderabad4. Madurai
Q. 4 Project 'Mausam' which was launched in June 2014, is an initiative of $\qquad$ .

Ans

1. Ministry of Earth Sciences
2. Ministry of Environment and Forests and Climate Change

X 3. Ministry of Tourism
4. Ministry of Culture
Q. 5 During the Gupta Period, gold coins were called by which of the following names?
$>2$
2. Tanka

X 3. Drama
4. Dinaras
Q. 6 Which river is known as the 'handmaid' of the Narmada?

Ans
>1. Mahi2. Sabarmat
<3. Luni
4. Tapti
Q. 7 The helmet of the wicket keeper has been kept on the ground and the ball that the batsman strikes hits the helmet. How many penalty runs are given to the batting team for this occurrence?

Ans
>1.4
<2.2
X 3.6
4.5
Q. 8 Which of the following companies has become India's most profitable public sector company in the fiscal year 2018-19?
Ans

1. Bharat Petroleum
2. Oil and Natural Gas Corporation3. NTPC Limited
3. Indian Oil Corporation
Q. 9 The scientific discipline concerned with the description of rock successions and their interpretation in terms of a general time scale is called

Ans
入1. Paleontology2. Stratigraphy
( 3. Mineralogy
$>$
4. Geodesy
Q. 10 In March 2019, K. Govindaraj has been unanimously re-elected as president of which of the following organisations?
Ans

X 2. All India Tennis Association
3. Table Tennis Federation of India
(4. Sports Authority of India
Q. 11 Vembanad lake, which is the largest lakes of India is in which state?

Ans
入1. Tamil Nadu
X
2. Karnataka3. Kerala

7
4. Andhra Pradesh
Q.12 A database used by Microsoft Windows for storing configuration information is known as:
Ans

1. Registry
< 2. Record
7
2. Cookie4. Cache
Q. 13 In which year did the Convention of Wadgaon take place?

Ans

- 1.1779
( 2.1789
X 3.1769
$>$

4. 1799
Q. 14 A market structure which is dominated by only a small number of firms is called:

Ans

1. Perfect Competition2. Monopoly
2. Oligopoly

7
4. Monopolistic Competition
Q. 15 In 2019, $\qquad$ introduced a clause as per which if one is applying for a visa to that country, one needs to furnish a social media track record of the past five years.
Ans1. Japan
2. USA4. UK
Q. 16 In May 2019, $\qquad$ was appointed as the Deputy Executive Director of the
United Nations Entity for Gender Equality and the Empowerment of Women for
Resource Management, Sustainability and Partnerships.
Ans

1. Anita Bhatia

X 2. Amruta Fadnavis
X
3. Lakshmi Puri
4. Sudha Murthy
Q. 17 In the context of IT services, what is the full form of BCP?

Ans

1. Business Continuity Plan

X 2. Business Confirmation Protocol
$\$$
3. Business Continuity Protocol4. Business Confirmation Plan
Q. 18 Who is the managing Director and Editor in Chief of Republic TV?

Ans1. Barkha Dutt
$\$$
2. Prannoy Roy3. Rajdeep Sardesai4. Arnab Goswami
Q. 19 Which of the following sports is played in a velodrome?

Ans

- 1. Cycling
<2. Fencing
X 3. Boxing4. Wrestling
Q. 20 Who is the author of the book 'Cricket World Cup: The Indian Challenge'?

Ans
X 1. Harsha Bhogle2. Sanjay Manjrekar
3. Ashis Ray
4. Narottam Puri
Q. 21 Where is Rhodopsin, also called visual purple, located in the human body?

Ans
<1. Hair
$\$$
2. Hand
$>$
3. Nail
4. Eye
Q.22 Para Olympic silver Medal winner Girish Gowda has been appointed as Lok Sabha Election Ambassador for the second time of which state?
Ans
< 1. Tamil Nadu
2. Kerala3. Karnataka4. Andhra Pradesh
Q. 23 The term 'mitochondria' was coined by:

Ans
<1.JE Salk

- 2. Carl Benda

X 3. Charles Laveran4. Antonie van Leeuwenhoek
Q. 24 The Lok Sabha elected after the 2019 elections is the $\qquad$ Lok Sabha.

Ans
>1.18th2. 16th
3. 15 th
4. 17 th
Q. 25 Who among the following was conferred the Mexican 'Orden Mexicana del Aguila Azteca' award in June 2019?

Ans
入 1. Nirmala Sitharaman
< 2. Sushma Swaraj
$\checkmark$
3. Pratibha Patil4. Smriti Irani

## Section : Quantitative Aptitude

Q. 1 The ratio of speeds of $A$ and $B$ is $3: 5$. If A takes 24 minutes more than $B$ to cover a certain distance, then how much time (in minutes) will B take to cover the same distance?
Ans
Х1. 40

- 2. 36

X 3.20
$\times 4.18$
Q. 2 In $\triangle \mathrm{ABC}, \mathrm{AD}$, the bisector of $\angle \mathrm{A}$, meets BC at D . If $\mathrm{BC}=\mathrm{a}, \mathrm{AC}=\mathrm{b}$ and $\mathrm{AB}=\mathrm{c}$, then $\mathrm{BD}-\mathrm{DC}=$

Ans
X1. $\frac{\mathrm{ac}}{\mathrm{b}+\mathrm{c}}$
人2. $\frac{a(c+b)}{c-b}$$\frac{a(c-b)}{c+b}$
$x$
4. $\frac{a b}{b+c}$
Q. 3 The given Bar Graph presents the number of students enrolled for a vocational course in institutes A and B during a period of five years.


The average number of students (per year) enrolled in B during 2015, 2016 and 2018 is what percentage more than the number of students enrolled in A during 2017?

Ans
-1. 28
X2. 25
$\times 3.30$
$\times 4.22$
Q. 4 If $x+\frac{1}{x}=7$, then $x^{3}+\frac{1}{x^{3}}$ is equal to:

Ans
X1. 300

- 2. 322
$\times 3.364$
$\times 4.343$
Q. 5 If $250 \sqrt{2} x^{3}-5 \sqrt{5} y^{3}=(5 \sqrt{2} x-\sqrt{5} y) \times\left(A x^{2}+B x y+C y^{2}\right)$, then the value of $(A+C-\sqrt{10} B)$ is:

Ans
X 1.10
2. 5

X $3.5 \sqrt{2}$
(4. $2 \sqrt{5}$
Q. 6 Two numbers $A$ and $B$ are in the ratio $5: 2$, If 4 is added to each number then this ratio becomes $9: 4$. If 5 is subtracted from each of the original numbers, then the ratio of A and B will be:

Ans

1. $3: 1$

X2.8:3
X 3.7:2
4. $4: 1$
Q. 7 The given Bar Graph presents the number of students enrolled for a vocational course in institutes A and B during a period of five years.


The total number of students enrolled in A during 2014, 2016 and 2018 is what percentage (correct to one decimal place) of the total number of students enrolled in B during the five years?

Ans

1. 43.4
2. 47.73. 44.6

X4. 46.8
Q. 8 A certain sum amounts to ₹ 29282 in 4 years at $10 \%$ per annum, when the interest is compounded annually. What is the simple interest on the same sum for same time at the same rate?

Ans
X 1. ₹8,500
2. ₹ 8,000

X 3. ₹7,600
X4. ₹ 8,400
Q. 9 The given Bar Graph presents the number of students enrolled for a vocational course in institutes $A$ and $B$ during a period of five years.


What is the ratio of the total numbers of students enrolled in A during 2015 and 2018 to that of students enrolled in B during 2014 and $2016 ?$

Ans

- 1. 9:10

X 2. 16:15
X 3. $27: 25$4. 11:12
Q. 10 A rectangle $A B C D$ is inscribed in a circle with centre $O$. Its diagonal $C A$ is produced to a point $E$, outside the circle. ED is a tangent to the circle at D . If $\mathrm{AC}=2 \mathrm{BC}$, then what is the measure of $\angle \mathrm{DEC}$ ?

Ans

1. $30^{\circ}$

X2. $60^{\circ}$
$\times 3.40^{\circ}$
$\times 4.45^{\circ}$
Q. 11 By selling an article for $₹ 2,300$, Rekha gains $25 \%$. If she sells it for $₹ 1955$, then her loss/gain percent is:

Ans
X 1. Loss, $6.5 \%$
X 2. Gain, $6.5 \%$

- 3. Gain, $6.25 \%$

X 4. Loss, $6.25 \%$
Q. 12 Let $\triangle \mathrm{ABC} \sim \triangle \mathrm{QPR}$ and $\frac{\operatorname{ar}(\triangle A B C)}{\operatorname{ar}(\triangle P Q R)}=\frac{9}{16}$. If $\mathrm{AB}=12 \mathrm{~cm}, \mathrm{BC}=6 \mathrm{~cm}$ and $\mathrm{AC}=9 \mathrm{~cm}$, then QR is equal to:

Ans

- 1.12 cm
$\times 2.16 \mathrm{~cm}$
$\times 3.8 \mathrm{~cm}$
$\times 4.9 \mathrm{~cm}$
Q. 13 A wire is in the shape of a rectangle whose sides are in the ratio $7: 4$. It was initially in the shape of a circle of radius, very nearly equal to 31.5 cm . The length of smaller side of the rectangle is:
(Take $\pi=\frac{22}{7}$ )
$\times 3.40 \mathrm{~cm}$
$\times 4.32 \mathrm{~cm}$
Q. 14 A and B together can do a piece of work in 10 days, B and C together can do it in 15 days while C and A together can do it in 20 days. They work together for 8 days. C alone will complete the remaining work in:
Ans
$X 1.12$ days
X 2. $3 \frac{1}{5}$ days
- 3. 16 days

X4. $5 \frac{1}{3}$ days
Q. 15 A man gets a discount of $30 \%$ and then $20 \%$ on his food bill. How much equivalent single discount does he get?

Ans 1. $44 \%$
$\times 2.50 \%$
X 3. $40 \%$
X 4.35\%
Q. 16

If $\sqrt{\frac{1-\cos \theta}{1+\cos \theta}} \times \sqrt{\frac{\operatorname{cosec} \theta-\cot \theta}{\operatorname{cosec} \theta+\cot \theta}}=\frac{1-r}{1+r}$,
then the value of $r$ is:
Ans
$X 1 \cdot \sin \theta$
$X$ 2. $\operatorname{cosec} \theta$
X $3 \cdot \sec \theta$

- 4. $\cos \theta$
Q. 17 In a circle with centre $\mathrm{O}, \mathrm{ABDC}$ is a cyclic quadrilateral with AB as a diameter of the circle. AC and BD produced meet at E . If $\angle \mathrm{CED}=70^{\circ}$, then what is the measure of $\angle \mathrm{COD}$ ?

Ans
X $1.45^{\circ}$
2. $60^{\circ}$
3. $30^{\circ}$
4. $40^{\circ}$
Q. 18

If $\frac{1}{1-\sin \theta}+\frac{1}{1+\sin \theta}=4 \sec \theta, 0^{\circ}<\theta<90^{\circ}$,
then the value of $(3 \cot \theta+\operatorname{cosec} \theta)$ is:
Ans
-1. $\frac{5 \sqrt{3}}{3}$
X2. $4 \sqrt{3}$
X 3. $5 \sqrt{3}$
X4. $\frac{2 \sqrt{3}}{3}$
Q. 19 Given four different numbers, the average of first three numbers is four times the fourth number and the average of all the four numbers is 52 . What is the average of the first three numbers?

Ans
X 1.39
$\times 2.65$
$X$
3. 70
4. 64
Q. 20 The simplified value of
$\left(\frac{7}{5} \div \frac{7}{10}\right.$ of $\left.\frac{3}{4}\right) \div \frac{4}{9}-\left(\frac{7}{16} \div 10 \frac{1}{2} \times 7 \frac{1}{5}\right) \times \frac{5}{12}$ is:
Ans
-1. $\frac{47}{8}$
人2. $\frac{39}{4}$3. $\frac{49}{8}$

X4. $\frac{41}{4}$
Q. 21 If one of the angles of a triangle is $64^{\circ}$, then the angle between the bisectors of the other two interior angles is:

Ans
$\times 1.100^{\circ}$
2. $122^{\circ}$
$\times 3.96^{\circ}$
$\times 4.112^{\circ}$
Q. 22 The price of a commodity is increased by $36 \%$ and the quantity purchased is decreased by $30 \%$. What is the percentage increase/decrease in the amount spent on the commodity?

Ans $\times 1.6 \%$, increase
$\times 2.4 .8 \%$, increase
X 3. $6 \%$, decrease
4. $4.8 \%$, decrease
Q. 23 If $x \neq-1,2$ and 5 , then the simplified value of
$\left\{\frac{2\left(x^{3}-8\right)}{x^{2}-x-2} \times \frac{x^{2}+2 x+1}{x^{2}-4 x-5} \div \frac{x^{2}+2 x+4}{3 x-15}\right\}$ is equal to:
Ans
$\times 1 . \frac{1}{6}$

- 2. 6
$\times 3 . \frac{3}{2}$
X4. $\frac{2}{3}$
Q. 24 The marked price of an article is ₹ 400 . After allowing a discount of $20 \%$ on the marked price, a shopkeeper makes a profit of ₹ 32 . His gain percent is:

Ans

1. 9
2. $11 \frac{1}{9}$
$\times 3.12 \frac{1}{9}$
$\times 4.8$
Q. 25 The given Bar Graph presents the number of students enrolled for a vocational course in institutes $A$ and $B$ during a period of five years.


In which year the number of students enrolled in B is $\mathrm{x} \%$ more, where $25<\mathrm{x}<30$, than the number of students enrolled in A in the same year?

Ans

1. 2015

X 2. 2017
X 3. 2016
4. 2014

## Section : English Language

Q. 1 In the sentence identify the segment which contains the grammatical error.

Many of China's exports has been redirected to the domestic market in view of the more consumption-driven economy.

Ans

- 1. has been redirected

2. Many of China's exports

X 3. in view of the more consumption-driven economy
(4. to the domestic market
Q. 2 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.

Two senior officers have been entrusted with the responsibility by organize the reception of the guest.
Ans
<1. No improvement
2 2. for organize

- 3. of organizing
<4. to organizing
Q. 3 Select the most appropriate synonym of the given word.

ERODE
Ans
X1. fix2. disintegrate

X 3. preserve
<4. build
Q. 4 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.

He has been solving this sum for a couple of hours but he did not solve it yet.
Ans
Х 1. No improvement2. has not solved it

人 3. has not solve it
4 4. had not solved it
Q. 5 Select the wrongly spelt word.

Ans
2. goggles3. gobbel
$X$
4. global
Q. 6 Select the word which means the same as the group of words given.
rapid increase in the number or amount of something
Ans

1. proliferation2. promotion
2. propensity
3. paucity
Q. 7 Select the word which means the same as the group of words given.

Living in air
Ans

1. heavenly2. feathery

- 3. aerial
<4. visual
Q. 8 Select the most appropriate word to fill in the blank.

He once had a very frightening $\qquad$ with a wild bull.
Ans
(1. appointment2. encounter

X 3. enterprise
>
4. commitment

## Q. 9 Select the wrongly spelt word.

Ans

1. aggrassive
2. agriculture
(3. agitation

X4. agreement
Q. 10 Select the most appropriate meaning of the given idiom.

Hanging by a thread
2. be extremely weak3. unable to act as desired
4. be in a dangerous situation
Q. 11 Select the most appropriate word to fill in the blank.

During the elections political parties try to $\qquad$ their rivals in order to gain advantage.

Ans
>1. laud
$\$$
2. covet
$<$
3. commend
4. vilify
Q. 12 Select the correct passive form of the given sentence.

The merchant brought many gifts for his family from India.
Ans

1. Many gifts were brought by the merchant for his family from India.
2. His family were brought by the merchant for many gifts from India.
3. Many gifts brought by the merchant for his family from India.4. Many gifts are brought by the merchant for his family from India.
Q. 13 Select the most appropriate antonym of the given word.

DENSE
Ans

- 1. sparse2. jammed
< 3. crammed
<4. piled
Q. 14 Select the most appropriate meaning of the given idiom.

To shake off
Ans
< 1. to denounce2. to get rid of3. to recollect4. to pass off
Q. 15 Select the correct indirect form of the given sentence.

Bhola said to his friend, "How can I make this charcoal white?"
Ans

1. Bhola asked his friend how he could make that charcoal white.

X 2. Bhola told his friend how he could make that charcoal white.
Х 3. Bhola asked his friend how can I make this charcoal white.
X4. Bhola asked his friend how could he make that charcoal white.
Q. 16 In the sentence identify the segment which contains the grammatical error.

India's largest car maker is evaluating the launch to a small electric car next year.
Ans

1. next year
2. is evaluating the launch

X
3. India's largest car maker

- 4. to a small electric car
Q. 17 Select the most appropriate antonym of the given word.

EXAGGERATE
Ans
<1. heighten
X 2. amplify3. compress4. overdo
Q. 18 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. But once when Mark disturbed the whole class with his pranks I had to reprimand him.
B. He was in third grade when I taught at Saint Mary's School.
C. All 34 students were dear to me, but Mark Eklund, was one in a million.
D. He had a happy-to-be-alive attitude that made even his occasional mischievousness
delightful.
Ans
-1. CBDA
<2. BADC
<3. ADBC
<4. CADB
Q. 19 Select the most appropriate synonym of the given word.

ENTANGLE
Ans3. implicate
4. release

## 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.

People make plastic products by mixing the plastic with additives. The additives (1) $\qquad$ it difficult to recycle the plastic. To recycle plastic things, (2) $\qquad$ grind them up first, but this new (3) $\qquad$ is not easy to use again. A laboratory in California made a new type (4) $\overline{\text { plastic to deal with this problem. (5) }}$ $\qquad$ scientists put the new plastic in a high-
acid solution, the plastic and the additives break apart. People can then easily reuse the plastic.

SubQuestion No: 20
Q. 20 Select the most appropriate option for blank No. 1.

Ans

1. make

Х 2. makes
3. is making

Х4. was making

## 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.

People make plastic products by mixing the plastic with additives. The additives (1) $\qquad$ it difficult to recycle the plastic. To recycle plastic things, (2) $\qquad$ grind them up first, but this new (3) $\qquad$ is not easy to use again. A laboratory in California made a new type (4) plastic to deal with this problem. (5) $\qquad$ scientists put the new plastic in a high-
acid solution, the plastic and the additives break apart. People can then easily reuse the plastic.

SubQuestion No : 21
Q. 21 Select the most appropriate option for blank No. 2.

Ans
<1. persons2. personnel

X
3. human beings
4. people

## 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.

People make plastic products by mixing the plastic with additives. The additives (1) $\qquad$ it
difficult to recycle the plastic. To recycle plastic things, (2) $\qquad$ grind them up first, but this new (3) $\qquad$ is not easy to use again. A laboratory in California made a new type (4) $\overline{\text { plastic to deal with this problem. (5) }}$ $\qquad$ scientists put the new plastic in a high-
acid solution, the plastic and the additives break apart. People can then easily reuse the plastic.

SubQuestion No : 22
Q. 22 Select the most appropriate option for blank No. 3.

Ans2. material
$x^{3 . t \text { thing }}$
4. object

## 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.

People make plastic products by mixing the plastic with additives. The additives (1) $\qquad$ it difficult to recycle the plastic. To recycle plastic things, (2) $\qquad$ grind them up first, but this new (3) $\qquad$ is not easy to use again. A laboratory in California made a new type (4) $\ldots$ plastic to deal with this problem. (5) _ scientists put the new plastic in a high plastic.

SubQuestion No : 23
Q. 23 Select the most appropriate option for blank No. 4.

Ans
< 1. to
< 2. with
>3.in

- 4. of

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.

People make plastic products by mixing the plastic with additives. The additives (1) $\qquad$ it difficult to recycle the plastic. To recycle plastic things, (2) $\qquad$ grind them up first, but this
new (3) $\qquad$ is not easy to use again. A laboratory in California made a new type (4) plastic to deal with this problem. (5) $\qquad$ scientists put the new plastic in a highacid solution, the plastic and the additives break apart. People can then easily reuse the plastic.

SubQuestion No : 24
Q. 24 Select the most appropriate option for blank No. 5.

Ans
>1.But
< 2. Until
-3. When
(4. Then
Q. 25 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. Once Oliver made a big snowman.
B. The fat snowman wore an old top hat and a muffler.
C. Now, it looked very grand indeed and Oliver's friends loved it.
D. It was as big as him but much fatter.

Ans
<2. CBAD3. ACBD

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

| Roll No. |  |
| :--- | :--- |
| Registration No. |  |
| Name |  |
| Test Venue | iON Digital Zone iDZ Sector 34 |
| Test Time | 4:00 PM $-5: 00$ PM |
| Test Date | $03 / 07 / 2019$ |

## Section : General Intelligence

Q. 1 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

H__EPCK__CDEP_KFHC_EPC_F
Ans
X1.DCFHFDD
X 2. CDHHDCK
3. CDFHCDK

Х4. CCFHKDK
Q. 2 'Glaucoma' is related to 'Eyes' in the same way as 'Arthritis' is related to ' $\qquad$ -'

Ans
X1. Liver
$\checkmark$
2. Joints

X 3.Ears
4. Arteries
Q. 3 In a code language, ELECTION is written as DKDBSHNM. How will EXAMPLE be written in the same language?

Ans
X1. FWZLOKD

- 2. DWZLOKD

Х3. DYZLOKD
>4. DWZLOKF
Q. 4 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.

7:729
Ans
>2.4:64
( $3.5: 125$
<4.6:343
Q. 5 How many triangles are present in the following figure?


Ans
X1. 27

- 2. 29
×3.31
X4.30
Q. 6 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.

Fan: Electricity
Ans
Х 1. Cooler: Water
X 2 . Petrol: Fuel
3. Bike: Kick
4. Vehicles: Diesel
Q. 7 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
Ans
Х1. Bleat
X 2. Croak
>3.Bark

- 4. Larva
Q. 8 The total age of a mother and her son is 60 years. The difference between their ages is $\mathbf{3 0}$ years. Find out the age of the mother.

Ans
X 1.50 years

- 2. 45 years

X 3.35 years
X4. 40 years
Q. 9 Two different positions of the same dice are shown. How many dots will be on the top if four dots are at the bottom?


Ans

$\times 2.2$
$\times 3.1$
$\times 4.5$
Q. 10 ' $A+B$ ' means ' $A$ is the brother of $B$ '.
' $A$ - $B$ ' means ' $A$ is the husband of $B$ '.
' $A \times B$ ' means ' $A$ is the mother of $B$ '.
$' A \div B$ ' means ' $A$ is the sister of $B$ '.

If $P+R \div T-K \times O \times C$, then how is $P$ related to 0 ?
Ans
(1. Paternal Grandfather
< 2. Father

- 3. Paternal Uncle
\$ 4. Brother
Q. 11 Which two signs should be interchanged to make the given equation correct?

Ans $\begin{aligned} & 20+\mathbf{5} \times \mathbf{3} \div \mathbf{3} \mathbf{- 1} \\ & { }_{1} \div \text { and }+ \\ & 2 . \times \text { and }- \\ & 4 . \times \text { and }+ \\ & \text { and } \times\end{aligned}$
Q. 12 In a code language, ELASTIC is written as DOHVFLW. How will SMARTER be written as in that language?
Ans
入1. DPVTUGW
< 2. DOTUUHX
>3. EQVUUHW

- 4. DPVUUHW
Q. 13 If MAGENTA is coded as 1317514201 , then how will VISCOUS be coded as?

Ans
X 1.218193162018

* 2. 229193152119
( 3.239203152219
Х 4. 228193142118
Q. 14 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

CQHL : FTEI :: OPAR : ?
Ans
X 1. RTYO

- 2. RSXO

Х 3 RSXP
Х4. YтXo
Q. 15 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.


Ans

Q. 16 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
Х 1.173
X2.179
Х 3.181

- 4.183
Q. 17 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. BCEH
X 2. KLNQ
X3.TUWZ
4. LMPS
Q. 18 Select the option in which the given figure (X) is embedded (rotation not allowed).


Ans


Q. 19 Arrange the following in a logical and meaningful order.

1. World Cup semi-final matches
2. World Cup finals match
3. Organising the World Cup
4. Finalising the participating teams
5. Winner of the World Cup

Ans
X $1.5,2,3,1,4$
< 2.4,1,2,3,5

- $3.4,3,1,2,5$
>4.4,1,3,2,5
Q. 20 There are fourteen teams playing in a tournament. If every team plays one match with every other team, how many matches will be played in the tournament?
Ans
入 1.66
> 2.78
- 3.91

X4. 101
Q. 21 Select the letter cluster that will come next in the following series.

DOP, FPN, HQL, JRJ, ?
Ans

1. LSH

X ${ }^{2}$. LS
Х3. KSH
X4. KTI
Q. 22 Select the Venn diagram that best illustrates the relationship between the following classes.

Women, Sisters, Mothers
Ans

Q. 23 Select the figure that will come next in the following figure series.


Ans

$x=\frac{\Delta \mid a}{0 \mid 0}$
Q. 24 Select the correct mirror image of the given combination when the mirror is placed to the right.

## UKR4edm8

Ans
х 8 mb э РЯК



Q. 25 Two statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

All breads are cakes.
All eggs are cakes.
Conclusions:
I. Some cakes are breads.
II. Some breads are eggs.
III. No bread is an egg.

Ans
X 1 . All the conclusions follow.

- 2. Conclusion I and either conclusion II or III follow.

X 3. Only conclusions I and II follow.
X 4. Only conclusions I and III follow.

Section: General Awareness
Q. 1 Oman author Joka Alharthi won the ' 2019 Man Booker International Prize' for which of the following novels?
Ans

- 1. Celestial Bodies

X 2. Milkman
3. The Pine Islands
(4. The Years
Q. 2 Which emperor's army did Maharana Pratap fight in the Battle of Haldighati?

Ans
X 1. Mahmud Shah
(2. Humayun

3 3. Ibrahim Lodi
4. Akbar
Q. 3 What is the rank of India on Human Development Index 2018?

Ans
-2. 130
X 3.210
X4.21
Q. 4 Who among the following invented the computer language, COBOL?

Ans

- 1. Grace Murray Hopper

X 2. John McCarthy
3. Guido van Rossum

Х 4. Brendan Eich
Q. 5 According to Census 2011, which state has the highest density of population?

Ans
X 1. West Bengal

- 2. Bihar

3. Uttar Pradesh
(4. Maharashtra
Q. 6 $\qquad$ is a metamorphic rock form characterised by banding caused by segregation of different types of rock, typically light and dark silicates.
Ans
2. Quartzite3. Slate
Q. 7 Which of the following is the highest award (in the order of precedence) for military services in India?

Ans
1 1. Kirti Chakra
2. Ashok Chakra

X 3. Veer Chakra
4. Param Vir Chakra
Q. 8 India lifted South Asian Football Federation SAFF Women's Championship for how many times in a row in March 2019?

Ans

$\checkmark 2$
2. 5th
$X$
3. 3rd4. 4th
Q. 9 As per the Constitution of India, Panchayats at the intermediate level may NOT be constituted in a State having a population not exceeding:
Ans

1. Thirty lakhs
2. Forty lakhs
3. Ten lakhs
4. Twenty lakhs
Q. 10 Which one of the following is a monetary principle stating that "bad money drives out good"?
Ans
Х 1. Pareto efficiency
5. The multiplier effect
6. Marshall's scissors analysis

- 4. Gresham's law
Q. 11 To which state does the traditional folk dance 'Gotipua' belong?

Ans
X 1. West Bengal
2. Odisha

X 3. Bihar
(4. Chhattisgarh
Q. 12 Kolleru Lake which is one of the largest freshwater lakes in India is located in which state?

Ans

1. Jammu \& Kashmir
2. Andhra Pradesh

X 3. Manipur
(4. Rajasthan
Q. 13 The power to enquire into and decide all doubts and disputes arising out of election of the President is vested in:
Ans

1. The Chairman of Rajya Sabha
2. The Prime Minister of India
3. The Supreme Court4. The Election Commission
Q. 14 Deficiency of which of the following nutrients is the most common cause of goiters?

Ans

< 2 . Vitamin C
X 3. Calcium

- 4. Iodine
Q. 15 Second generation computers can be characterised largely by their use of $\qquad$ —.
Ans
1 1. Integrated circuits
X 2. Vacuum tubes
X 3. Microprocessors

4. Transistors
Q. 16 In the famous Rohilla War in the year 1774, the Rohillas were defeated by the Nawab of Awadh named:

Ans
Х1. Asif Jah Mirza
入 2. Asaf-ud-Daula
X 3. Yamin-ud-Daula
4. Shuja-ud-Daula
Q. 17 Which force helps swimmers float in water?

Ans

1. Muscular force
2. Frictional force

- 3. Buoyant force

4 4. Magnetic force
Q. 18 Which is the new state bird of Andhra Pradesh declared by the State Government in June 2018?
Ans
Х 1 . Sarus Crane
2. Great Hornbill

- 3. Rose-ringed Parrot

4. Black Crested Bulbul
Q. 19 On which river is Polavaram irrigation project being built?

Ans
(1. Son

- 2. Tungabhadra
- 3. Godavari

X4. Kaveri
Q. 20 Which country won the ' 2019 Sultan Azlan Shah Cup Hockey' title?

Ans

- 1. South Korea
(2. Malaysia

3. Australia
Q. 21 Who among the following was awarded the third Sayaji Ratna Award in November 2018 which has been established in the memory of erstwhile Baroda ruler Sayajirao Gaekwad III?
Ans
Х 1 . Mohanlal
4. Shiv Nadar
5. Amitabh Bachchan
(4. Azim Premji
Q. 22 Which of the following places is famous for Chikankari embroidery?

Ans


Х 2. Hyderabad
3. Chennai

- 4. Lucknow
Q. 23 As of May 2019, which player has scored the most international runs in the world in all the three formats (Test Match, ODI Match and T-20 Match) of cricket combined?
Ans
入1. Ricky Ponting

2. Virat Kohli

- 3. Sachin Tendulkar

4. Don Bradman
Q. 24 Who was recently elected as the President of Indonesia for the second term?

Ans
Х 1. Susilo Bambang Yudhoyono
2. Megawati Sukarnoputri3. Abdurrahman Wahid
4. Joko Widodo
Q. 25 Which day has been proclaimed as The International Day for Biological Diversity (IDB) to increase understanding and awareness of biodiversity issues by The United Nations?

Ans

X1.180ct
\$2. 10 November
\$3.24 Apr

- 4. 22 May


## Section : Quantitative Aptitude

Q. 1 Two trains of equal length travelling in opposite directions at $72 \mathrm{~km} / \mathrm{h}$ and $108 \mathrm{~km} / \mathrm{h}$ cross each other in 10 seconds. In how much time (in seconds) does the first train cross a platform of length 350 m ?
Ans 1. 30
$\times 2.32$
$\times 3.36$
X4. 24
Q. 2 If $x+y+z=19, x^{2}+y^{2}+z^{2}=133$, then the value of $x^{3}+y^{3}+z^{3}-3 x y z$ is:

Ans
-1. 361
$\times 2.342$
$\times 3.380$
$\times 4.352$
Q. 3 If $8(x+y)^{3}-(x-y)^{3}=$
$(x+3 y)\left(A x^{2}+B x y+C y^{2}\right)$, then the value of $(\mathrm{A}-\mathrm{B}-\mathrm{C})$ is:
Ans
-1. -2
X 2. -6
$\times 3.10$
$\times 4.14$
Q. 4 An article is sold for $₹ x$. If it is sold at $33 \frac{1}{3} \%$ of this price, there is a loss of $20 \%$. What is the percentage profit when it is sold for $₹ x$ ?
Ans

- 1. 140
$\times 2.125$
$\times 3.130$
Q. 5 What is the simplified value of
$5 \div 10$ of $10 \times 4+4 \div 4$ of $4 \times 10-(10-4) \div 16 \times 4=?$
Ans
-1. 1.2
X2. 2.5
X 3.21
X4. 58.5
Q. 6 In a class of 80 students, the ratio of the urban to the rural is $5: 3$. In a test, the average score of the rural students is $40 \%$ more than that of the urban students. If the average score of all the students is 69 , then what is the average score of the rural students?

Ans
$\times 1.80$
$\times 2.76$
$\times 3.92$

- 4.84
Q. 7 The compound interest on a certain sum for 3 years at $15 \%$ p.a., interest compound yearly, is $₹ 4167$. What is the simple interest on the same sum in $4 \frac{4}{5}$ years at the same rate?
Ans
X 1. ₹6144
X 2. ₹ 6000
X 3. ₹ 4800
- 4. ₹ 5760
Q. 8 The given Bar Graph presents Income and Expenditure (in crores of Rupees) of a company for the five years, 2014 to 2018.


The average Income (per year) of the company in five years is what percentage more than its Expenditure in 2015 ?

Ans
X 1.24 .2
X 2.20 .8
$\times 3.24 .6$

- 4. 22.4
Q. 9 In $\triangle A B C, A D$ is the bisector of $\angle B A C$, meeting $B C$ at $D$. If $A C=21 \mathrm{~cm}, B C=12 \mathrm{~cm}$ and the length of $B D$ is 2 cm less than $D C$, then the length of side $A B$ is:
Ans
$\times 1.14 \mathrm{~cm}$
- 2. 15 cm
$\times 3.18 \mathrm{~cm}$
X 4.10 cm
Q. 10 The value of
$\frac{4 \tan ^{2} 30^{\circ}+\frac{1}{4} \sin ^{2} 90^{\circ}+\frac{1}{8} \cot ^{2} 60^{\circ}+\sin ^{2} 30^{\circ} \cos ^{2} 45^{\circ}}{\sin 60^{\circ} \cos 30^{\circ}-\cos 60^{\circ} \sin 30^{\circ}}$ is:
Ans
X $1.1 \frac{3}{4}$
$\times 2.4$
X 3. $2 \frac{1}{2}$
- $4.3 \frac{1}{2}$
Q. 11 If $\left(\frac{1}{1+\operatorname{cosec} \theta}-\frac{1}{1-\operatorname{cosec} \theta}\right) \cos \theta=2,0^{\circ}<\theta<90^{\circ}$, then the value of $\sin ^{2} \theta+\cot ^{2} \theta+\sec ^{2} \theta$ is:

Ans
X1. 1
X2. $2 \frac{1}{2}$3. $3 \frac{1}{2}$
$\times 4.2$

The given Bar Graph presents Income and Expenditure (in crores of Rupees) of a company for the five years, 2014 to 2018.


The total Income of the company in 2015, 2017 and 2018 is approximately what percent less than the total Expenditure in the five years?

Ans

1. 26
$\times 2.22$
X 3. 24
X4. 21
Q. 13 In a $\triangle A B C, D$ and $E$ are two points on sides $A B$ and $B C$, respectively such that $A D: D B=2: 3$ and $D E \| A C$. If the area of $\triangle \mathrm{ADE}$ is equal to $18 \mathrm{~cm}^{2}$, then what is the area (in $\mathrm{cm}^{2}$ ) of $\triangle \mathrm{ABC}$ ?

Ans
X 1.40 .5

- 2. 75

X 3. 54
$\times 4.45$
Q. 14 If a 10-digit number $46789 x 531 y$ is divisible by 72 , then the value of $(2 x+5 y)$, for the largest value of $x$ is:

Ans

1. 28

X 2. 16
$\times 3.10$
X4.38
Q. 15 The given Bar Graph presents Income and Expenditure (in crores of Rupees) of a company for the five years, 2014 to 2018.


In which year is the Expenditure more than $40 \%$ as compared to the Expenditure in the previous year?

X 1.2016
2. 2015

X3. 2018
X4. 2017
Q. 16 A man gets a discount of $30 \%$ and then $20 \%$ on his food bill of $₹ 1,250$. How much amount does he has to pay?

Ans

1. ₹ 700

X 2. ₹550
X 3. ₹ 350
X4. ₹500
Q. 1718 men can complete a work in 9 days. After they have worked for 5 days, 6 more men join them. How many days will they take to complete the remaining work?
Ans
-1. 3
×2. $2 \frac{1}{2}$
Х3. 2
Х4. $3 \frac{1}{2}$
Q. 18 The given Bar Graph presents Income and Expenditure (in crores of Rupees) of a company for the five years, 2014 to 2018.


What is the ratio of total Expenditure to total Income of the company in 2014, 2016 and 2017?
Ans
X1.13:18
$\times 2.3: 4$
X 3. 15:16
4. $5: 6$
Q. 19 An article is sold for ₹ 360 after allowing discount of $20 \%$ on its marked price. Had the discount not been allowed, the profit would have been $50 \%$. The cost price of the article is:

Ans
X 1. ₹ 320

- 2. ₹ 300

X 3. ₹ 360
X4. ₹ 350
Q. 20 In a circle with centre O , a diameter AB and a chord CD intersect each other at $\mathrm{E}, \mathrm{AC}$ and AD are joined. If $\angle \mathrm{BOC}=48^{\circ}$ and $\angle \mathrm{AOD}=100^{\circ}$, then what is the measure of $\angle \mathrm{CEB}$ ?

Ans
$\times 1.72^{\circ}$

- 2. $74^{\circ}$
$\times 3.78^{\circ}$
$\times 4.82^{\circ}$
Q. 21 If $\tan x=\cot \left(60^{\circ}+6 x\right)$, then what is the value of $x$ ?

Ans $\times 1.10^{\circ}$

- 2. $\frac{30^{\circ}}{7}$

X 3. $\frac{15^{\circ}}{2}$
$\times 4.12{ }^{\circ}$
Q. 22 If $9 a^{2}+16 b^{2}+c^{2}+25=24$
$(a+b)$, then the value of $(3 a+4 b+5 c)$ is:
Ans
X1.9
$\times 2.6$

- 3. 7
$\times 4.10$
Q. 23 The length of a rectangular park is 20 m more than its breadth. If the cost of fencing the park at $₹ 53$ per metre is ₹ 21200 , then what is the area (in $\mathrm{m}^{2}$ ) of the park?

Ans
X 1.9504
X 2.8925
X 3.9240
4. 9900
Q. 24 Let $\Delta \mathrm{ABC} \sim \Delta \mathrm{QPR}$ and $\frac{\operatorname{ar}(\triangle \mathrm{ABC})}{\operatorname{ar}(\triangle \mathrm{PQR})}=\frac{9}{4}$. If $\mathrm{AB}=12 \mathrm{~cm}, \mathrm{BC}=6 \mathrm{~cm}$ and $\mathrm{AC}=9 \mathrm{~cm}$, then QR is equal to:

Ans
$X 1.15 \mathrm{~cm}$
$\times 2.9 \mathrm{~cm}$

- 3.6 cm

X 4.12 cm
Q. 25 The price of an article increases by $20 \%$ every year. If the difference between the prices at the end of third and fourth years is $₹ 259.20$, then $40 \%$ of the price (in $₹$ ) at the end of second year is:
Ans $\quad \times 1.484$

- 2. 432
$\times 3.384$
$\times 4.472$


## Section : English Language

Q. 1 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.

The civic bodies in the capital have formed teams to crack down on coaching centres found violated a law.

Ans

1. found to violated a law
< 2. No improvement
2. finding to violate the law
3. found violating the law
Q. 2 Select the most appropriate meaning of the given idiom.

Going over one's head
Ans
1 1. unable to take a decision

- 2. beyond one's capacity to understand

3. unable to function as one used to
4. something one didn't expect
Q. 3 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. The subjects taught in the Gurukul varied from Sanskrit to Mathematics.
B. Indian education has its roots in the ancient ages.
C. However this system changed when the British came to India.
D. In those days the Gurukul system was followed.

Ans
X 1. DCAB
Х2. BCAD
入3. CBAD

- 4. BDAC
Q. 4 Select the word which means the same as the group of words given.

An instrument used for measuring atmospheric pressure
Ans

1. thermometer

2 2. voltmeter
3 3. altimeter

- 4. barometer
Q. 5 Select the most appropriate word to fill in the blank.

In view of his transfer to a far off place, he had to $\qquad$ his promotion.
Ans
X1.resign2. claim

X 3.assert

- 4 . forgo
Q. 6 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.

The Urban Art Commission has suggested that the landscape be developing by_adding water fountains around the sculpture.

Ans
Х 1. be developed with
2. to be developed by

Х 3. No improvement
4. be developed by
Q. 7 In the sentence identify the segment which contains the grammatical error.

Mrs. Sangeeta Malik is one of the favourite teacher of most children in our school.
Ans

1. Mrs. Sangeeta Malik is

7
2. of most children3. one of the favourite teacher
<
4. in our school
Q. 8 Select the most appropriate word to fill in the blank.

The prisoner held up his fist in a defiant $\qquad$ as he was led out of the courtroom.

Ans
< 1. wave

- 2. gesture
< 3. salute
< 4. token
Q. 9 Select the correct passive form of the given sentence.

The new gardener looks after the plants well.
Ans

1. The plants looked after well by the new gardener.
2. The plants were looked after well by the new gardener.
$\checkmark 3$
3. The plants are looked after well by the new gardener.
4. The new gardener is looked after well by the plants.
Q. 10 In the sentence identify the segment which contains the grammatical error.

I expect to return from Singapore during about a week's time.

- 2. during about
(3. a week's time

X 4. from Singapore

## 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.

Every morning, nine-year old Khushi becomes guardian to her five-year old sister Ankita as (1) hold hands and cross the railway tracks to (2) $\qquad$ the school. The sisters leave home (3) $\qquad$ 7 am with school bags larger (4) $\qquad$ their torsos. The 2 km route they walk on foot to reach school (5) ____ includes walking past a railway crossing and through the lanes of an industrial area used by mini trucks and carrier vehicles.

SubQuestion No : 11

## Q. 11 Select the most appropriate option for blank No. 1.

Ans
Х 1. them
< 2 . she

- 3. they

X4.we

## 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.

Every morning, nine-year old Khushi becomes guardian to her five-year old sister Ankita as (1) hold hands and cross the railway tracks to (2) $\qquad$ the school. The sisters leave home (3) $\qquad$ 7 am with school bags larger (4) $\qquad$ their torsos. The 2 km route they walk on foot to reach school (5) ___ includes walking past a railway crossing and through the lanes of an industrial area used by mini trucks and carrier vehicles.

SubQuestion No : 12

## Q. 12 Select the most appropriate option for blank No. 2.

Ans


## 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.

Every morning, nine-year old Khushi becomes guardian to her five-year old sister Ankita as (1)
$\qquad$ hold hands and cross the railway tracks to (2) $\qquad$ the school. The sisters leave
home (3) $\qquad$ 7 am with school bags larger (4) $\qquad$ their torsos. The 2 km route they walk on foot to reach school (5) $\qquad$ includes walking past a railway crossing and through the lanes of an industrial area used by mini trucks and carrier vehicles.

SubQuestion No: 13
Q. 13 Select the most appropriate option for blank No. 3.

Ans

- 1. at
<2. on
< 3. from
<4.in


## 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.

Every morning, nine-year old Khushi becomes guardian to her five-year old sister Ankita as (1) _ hold hands and cross the railway tracks to (2) $\qquad$ the school. The sisters leave
home (3) $\qquad$ 7 am with school bags larger (4) $\qquad$ their torsos. The 2 km route they walk on foot to reach school (5) $\qquad$ includes walking past a railway crossing and through the lanes of an industrial area used by mini trucks and carrier vehicles.

SubQuestion No : 14

## Q. 14 Select the most appropriate option for blank No. 4.

Ans
v 1. than
< 2. to
X 3. with
<4. from

## 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.

Every morning, nine-year old Khushi becomes guardian to her five-year old sister Ankita as (1) _ hold hands and cross the railway tracks to (2) $\qquad$ the school. The sisters leave
home (3) $\qquad$ 7 am with school bags larger (4) $\qquad$ their torsos. The 2 km route they walk on foot to reach school (5) $\qquad$ includes walking past a railway crossing and through the lanes of an industrial area used by mini trucks and carrier vehicles.

SubQuestion No : 15
Q. 15 Select the most appropriate option for blank No. 5.

Ans
X 1. hardly

- 2. daily

3 3. widely
(4. evenly

Ans

K
2. neglect3. negative
$\checkmark$
4. nerveous
Q. 17 Select the most appropriate synonym of the given word.

THWART
Ans

1. impede

X 2 . aid
X3.support
>4.face
Q. 18 Select the correct indirect form of the given sentence.

Father said to me, "Are you going to keep me waiting all night?'
Ans

1. Father asked me if you were going to keep him waiting all night.
2. Father told me that you are going to keep him waiting all night.
3. Father asked me are you going to keep me waiting all night.

- 4. Father asked me if I was going to keep him waiting all night.
Q. 19 Select the word which means the same as the group of words given.

The study of human history and prehistory through the excavation of sites
Ans


## Q. 20 Select the most appropriate antonym of the given word.

INSTANT
Ans
1 1. immediate2. current
4. delayed

## Q. 21 Select the most appropriate synonym of the given word.

HANDY
Ans

1. hard

- 2. convenient

X 3. useless
X 4. clumsy
Q. 22 Select the wrongly spelt word.

Ans
< 1. reproduce
< 2. reverse
< 3. require
4. resembel
Q. 23 Select the most appropriate antonym of the given word.

RESERVED
Ans
入1. placid

- 2. communicative

3. quiet

X 4. modest
Q. 24 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. At this speed the rocket soon attained the height of 190 miles above the earth.
B. At 9 am the great rocket lifted in the air with a mighty roar.
C. It rose smoothly at first, then quickened to a speed of 17,500 miles an hour.
D. Gagarin now pulled himself towards the window to look down.

Ans
Х1.ADBC
Х 2 . CBAD
3. BCAD
Q. 25 Select the most appropriate meaning of the given idiom.

Mad as a hatter
Ans
X 1. superstitious
\$ 2. very upset

- 3. eccentric

K 4. old fashioned

