

Examination for Selection Posts Phase VIII 2020 14th Dec 2020

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/12/2020
Exam Time	1:00 PM - 2:00 PM
Subject	Examination for Selection Posts Phase VIII 2020 Higher Secondary level

Section : General Intelligence

Q.1 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 lions are tigers.
All crows are lions.

Conclusions:

I. Some tigers are crows.
II. No tiger is a crow.
III. Some crows are not tigers.

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

Question ID : 6549784577

Status : Answered

Chosen Option : 2

Q.2

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

- Ans  1.  , R, ?, Z, E, H, M
-  2. X
-  3. W
-  4. U

Question ID : 6549784574

Status : Answered

Chosen Option : 3

Q.3 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 chips are biscuits.

No wafer is a chip.

Conclusions:

I. Some biscuits are wafers.

II. No wafer is a biscuit.

III. Some chips are wafers.

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

Question ID : 6549784578

Status : Not Answered

Chosen Option : --

Q.4 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

- 1. Adult
- 2. Toddler
- 3. Teenager
- 4. Infant
- 5. Foetus

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

Question ID : 6549784564

Status : Answered

Chosen Option : 4

Q.5 In a code language, if FACTOR is written as 186151203, then how will SQUARE be written in the same language?

- Ans**
-  1. 5191718112
 -  2. 5191817121
 -  3. 5191718121
 -  4. 5181917112

Question ID : 6549784572

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.6 In a code language, BLAST is written as USTRBZMKCA. How will ERUPT be written in that language?

- Ans
- ☒ 1. USQOVTSOFE
 - ☒ 2. USOQVTSQFD
 - ☒ 3. USQOVTSQED
 - ☒ 4. USQOVTSQFD

Question ID : 6549784568

Status : Answered

Chosen Option : 4

Q.7 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 6549784584

Status : Answered

Chosen Option : 2

Q.8 In a code language, ATHLETE is written as GYLOIYK. How will VILLAIN be written in that language?

- Ans
- ☒ 1. BNPOENT
 - ☒ 2. BNOPENT
 - ☒ 3. BNOPEMT
 - ☒ 4. BNPOEMT

Question ID : 6549784569

Status : Answered

Chosen Option : 1

Q.9 'Tailor' is related to 'Scissors' in the same way as 'Woodcutter' is related to '_____'.

- Ans  1. **Axe**
 2. **Sword**
3. **Periscope**
4. **Scalpel**

Question ID : 6549784565

Status : **Answered**

Chosen Option : 1

Q.10 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.

INNOVA : GASQPJ :: SAFARI : ?

- Ans  1. **OWEKCT**
 2. **OWFJCT**
 3. **OWEICT**
 4. **OWFICT**

Question ID : 6549784562

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.11 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 : 71 :: 96 : ?

- Ans  1. **42**
 2. **32**
 3. **16**
 4. **56**

Question ID : 6549784580

Status : **Not Answered**

Chosen Option : --

Q.12 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Customer
2. Distributor
3. Retailer
4. Manufacturer
5. Wholesaler

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

Question ID : 6549784563

Status : **Answered**

Chosen Option : 1

Q.13 Vikas is the son of Krupa, who is the daughter-in-law of Mitesh. The only daughter of Radha is Srushti, who has two brothers — Akhilesh and Satish. If Mitesh is married to Radha and Akhilesh is un-married, then how is Satish related to the mother of Vikas?

Ans

-  1. Brother
-  2. Brother-in-law
-  3. Father-in-law
-  4. Husband

Question ID : 6549784575

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.14 In a code language, if STAMP is written as 11142678, then how will CRUSH be written in the same language?

Ans

-  1. 1989624
-  2. 1986924
-  3. 1969824
-  4. 1968924

Question ID : 6549784571

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.15 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.

FUN : HDWSPL :: JOB : ?

Ans

-  1. LHQMDZ
-  2. LHONDZ
-  3. LHQNDZ
-  4. LHQMZD

Question ID : 6549784561

Status : Answered

Chosen Option : 1

Q.16 Which letter will replace the question mark (?) in the following series?

W, V, T, Q, M, ?, B

Ans

-  1. H
-  2. G
-  3. I
-  4. F

Question ID : 6549784573

Status : Answered

Chosen Option : 1

Q.17 In a code language, if TRIP is written as 02819061, then how will SPAM be written in the same language?

- Ans  1. 91611031
 2. 91611013
 3. 91610131
 4. 91610113

Question ID : 6549784570

Status : Answered

Chosen Option : 1

Q.18 जिस प्रकार 'मोतियाबिंद', 'आँख' से संबंधित है, ठीक उसी प्रकार 'स्पांडिलाइटिस', '_____' से संबंधित है।

- Ans  1. अग्न्याशय
2. वृक्क
3. मष्तिष्क
4. मेरुदंड

Question ID : 6549784566

Status : Not Answered

Chosen Option : --

Q.19 Which number will replace the question mark (?) in the following series?

29, 40, 53, 70, 89, 112, ?

- Ans  1. 147
 2. 139
 3. 141
 4. 143

Question ID : 6549784579

Status : Answered

Chosen Option : 3

Q.20 Sadhna is the sister of Mohan, who is the son of the only son of the mother-in-law of Geeta, who is the only daughter of Vibha. If Durgesh is the only son of Ramesh, who is married to Vibha, then how is Sadhna related to Durgesh?

- Ans  1. Sister
 2. Sister-in-law
 3. Niece
4. Daughter

Question ID : 6549784576

Status : Not Answered

Chosen Option : --

Q.21 Which two signs should be interchanged to make the given equation correct?

$$67 - 84 \div 12 \times 5 + 31 = 71$$

- Ans
- ☒ 1. $-$ and $\div$
 - ☒ 2. $\times$ and $-$
 - ☒ 3. $\div$ and $\times$
 - ☒ 4. $+$ and $-$

Question ID : 6549784581

Status : Answered

Chosen Option : 4

Q.22 Select the correct mirror image of the given figure when a vertical mirror is placed to the right of the figure.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 6549784585

Status : Answered

Chosen Option : 2

Q.23 In a code language, GRAB is written as IKTVCEDF. How will LIST be written in that language?

- Ans
- ☒ 1. NPKMUWXXV
 - ☒ 2. NPKMUVWX
 - ☒ 3. NPKMUWVX
 - ☒ 4. NPKMUVXW

Question ID : 6549784567

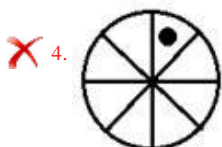
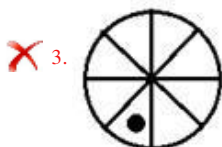
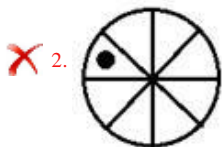
Status : Answered

Chosen Option : 3

Q.24 Which figure will replace the question mark (?) in the following series?



Ans

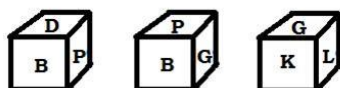


Question ID : 6549784582

Status : Answered

Chosen Option : 1

Q.25 Three different positions of the same dice are shown. Which letter will be on the face opposite to the face with letter 'L'?



Ans

✗ 1. G

✗ 2. P

✓ 3. B

✗ 4. D

Question ID : 6549784583

Status : Answered

Chosen Option : 3

Q.1 Select the option that is the synonym of the given word.

DISRUPT

- Ans
-  1. conclude
 -  2. end
 -  3. break
 -  4. build

Question ID : 6549784594

Status : Answered

Chosen Option : 2

Q.2 Select the option with the correct spelling.

- Ans
-  1. Skhedule
 -  2. Shedule
 -  3. Schedule
 -  4. Sheduile

Question ID : 6549784600

Status : Answered

Chosen Option : 3

Q.3 Select the option that is most appropriate for the given group of words.

A person who is abnormally anxious about his health

- Ans
-  1. Hyperactive
 -  2. Hypocrite
 -  3. Hyperbole
 -  4. Hypochondriac

Question ID : 6549784599

Status : Answered

Chosen Option : 4

Q.4 Select the option that is the correct active form of the given sentence.

What was done by you to make the dog bark at you? Ans

-  1. What did you do to make the dog bark at you?
-  2. What can you do to make the dog bark at you?
-  3. What will you do to make the dog bark at you?
-  4. What do you do to make the dog bark at you?

Question ID : 6549784588

Status : Answered

Chosen Option : 1

Q.5 Given below are four sentences which are jumbled. Pick the option that gives the correct order.

- A. Now deeply inhale.
- B. Sit in a comfortable position.
- C. Then exhale slowly and completely.
- D. Watch your breath for a few seconds.

- Ans
- ☒ 1. ABCD
 - ☒ 2. BCDA
 - ☒ 3. ADBC
 - ☒ 4. BDAC

Question ID : 6549784593

Status : Answered

Chosen Option : 4

Q.6 Identify the segment in the sentence which contains an error.

The director presided over a meeting to step over the security for the conference.

- Ans
- ☒ 1. a meeting
 - ☒ 2. to step over
 - ☒ 3. the security for the conference
 - ☒ 4. The director presided over

Question ID : 6549784586

Status : Not Answered

Chosen Option : --

Q.7 Select the option that is the correct passive form of the given sentence.

I cannot accept this gift.

- Ans
- ☒ 1. This gift cannot be accepted by me.
 - ☒ 2. This gift cannot accepted by me.
 - ☒ 3. This gift will not be accepted by me.
 - ☒ 4. This gift cannot be accept by me.

Question ID : 6549784587

Status : Answered

Chosen Option : 1

Q.8 Select the correct meaning of the underlined idiom.

We had a hairbreadth escape when the biker whizzed past us.

- Ans
- ☒ 1. escaped hair being damaged
 - ☒ 2. an easy escape
 - ☒ 3. a marvelous escape
 - ☒ 4. a narrow escape

Question ID : 6549784596

Status : Answered

Chosen Option : 4

Q.9 Select the correct meaning of the underlined idiom.

This book is worth its weight in gold .

- Ans
-  1. very heavy
 -  2. very valuable
 -  3. very expensive
 -  4. very rare

Question ID : 6549784597
Status : Answered
Chosen Option : 2

Q.10 Select the option that is the correct indirect form of the given sentence.

I said to my mother, "I am leaving for college."

- Ans
-  1. I told my mother that I am leaving for college.
 -  2. I told my mother that she was leaving for college.
 -  3. I told my mother that I was leaving for college.
 -  4. I told my mother that I will be leaving for college.

Question ID : 6549784589
Status : Answered
Chosen Option : 3

Q.11 Select the most appropriate option to fill in the blank in the given sentence.

The boss_____ten day's leave for my daughter's wedding.

- Ans
-  1. has sanction
 -  2. sanctioned
 -  3. sanction
 -  4. have sanctioned

Question ID : 6549784592
Status : Answered
Chosen Option : 2

Q.12 Select the option that is most appropriate for the given group of words.

One who can use both the hands with ease

- Ans
-  1. Ambidextrous
 -  2. Amorphous
 -  3. Ambiguous
 -  4. Ambivalent

Question ID : 6549784598
Status : Answered
Chosen Option : 1

Q.13 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'no substitution'.

He behaved cowardly .

- Ans
-  1. behaved in a coward manner
 -  2. behaved with cowardliness
 -  3. behave cowardly
 -  4. no substitution

Question ID : 6549784591

Status : Answered

Chosen Option : 4

Q.14 Select the option that is the antonym of the given word.

FORESIGHT

- Ans
-  1. vision
 -  2. foreshadow
 -  3. thoughtfulness
 -  4. indiscretion

Question ID : 6549784595

Status : Answered

Chosen Option : 4

Q.15 Select the option that is the correct indirect form of the given sentence.

The policeman said to the biker, "Don't ride so rashly."

- Ans
-  1. The policeman warned the biker do not ride so rashly.
 -  2. The policeman warned the biker not to rode so rashly.
 -  3. The policeman warned the biker not to ride so rashly.
 -  4. The policeman warned the biker not ride so rashly.

Question ID : 6549784590

Status : Answered

Chosen Option : 3

Comprehension:

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

Most people do not know that (1) _____ of the fiercest battles (2) _____ the Second World War was fought in Kohima. The (3) _____ Japanese army was (4) _____ to retreat by British and Allied (5) _____ in Kohima and Imphal.

SubQuestion No : 16

Q.16 Select the most appropriate word to fill in blank no. 1.

- Ans
- ☒ 1. some
 - ☒ 2. one
 - ☒ 3. any
 - ☒ 4. many

Question ID : 6549784602

Status : Answered

Chosen Option : 2

Comprehension:

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

Most people do not know that (1) _____ of the fiercest battles (2) _____ the Second World War was fought in Kohima. The (3) _____ Japanese army was (4) _____ to retreat by British and Allied (5) _____ in Kohima and Imphal.

SubQuestion No : 17

Q.17 Select the most appropriate word to fill in blank no. 2.

- Ans
- ☒ 1. among
 - ☒ 2. between
 - ☒ 3. during
 - ☒ 4. at

Question ID : 6549784603

Status : Answered

Chosen Option : 3

Comprehension:

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

Most people do not know that (1) _____ of the fiercest battles (2) _____ the Second World War was fought in Kohima. The (3) _____ Japanese army was (4) _____ to retreat by British and Allied (5) _____ in Kohima and Imphal.

SubQuestion No : 18

Q.18 Select the most appropriate word to fill in blank no. 3.

- Ans
- ☒ 1. interrupting
 - ☒ 2. forcing
 - ☒ 3. invading
 - ☒ 4. occupying

Question ID : 6549784604

Status : Answered

Chosen Option : 3

Comprehension:

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

Most people do not know that (1)_____of the fiercest battles (2)_____the Second World War was fought in Kohima. The (3)_____Japanese army was (4)_____to retreat by British and Allied (5)_____in Kohima and Imphal.

SubQuestion No : 19

Q.19 Select the most appropriate word to fill in blank no. 4.

Ans



1. chosen



2. required



3. persuaded



4. forced

Question ID : 6549784605

Status : Answered

Chosen Option : 4

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 number.

Most people do not know that (1)_____of the fiercest battles (2)_____the Second World War was fought in Kohima. The (3)_____Japanese army was (4)_____to retreat by British and Allied (5)_____in Kohima and Imphal.

SubQuestion No : 20

Q.20 Select the most appropriate word to fill in blank no. 5.

Ans



1. troops



2. groups



3. reserves



4. teams

Question ID : 6549784606

Status : Answered

Chosen Option : 1

Comprehension:

Read the passage and answer the questions.

On September 29, World Heart Day, organisations across India hold camps to help the public “know their numbers” — blood pressure (BP), blood sugar and body weight.

A BP of 120/80 mmHg (millimetre mercury) or below is considered normal. More than 140/90, signifying Stage 1 hypertension, and more than 160/100, signifying Stage 2, can damage the brain, eyes, heart and kidneys.

When studying blood pressure, scientists have been intrigued by the giraffe, the gentle giant of Africa.

How does it pump blood through its body that rises to 18 feet? With what force does it pump blood up the six-foot-long neck to its brain? What protects the giraffe from giddiness as it bends down to drink water and then lifts its head up? Despite standing almost all the time, why doesn't a giraffe faint? The answers to these questions hold answers to protect human beings from brain haemorrhage due to high BP and fainting due to low BP. The giraffe's strong heart generates a pressure of 300 mmHg needed to pump blood all the way up its long neck. Yet, when scientists measured the BP in its brain, it was a constant 120/80 mmHg. A network of blood vessels in the upper neck helps reduce the BP.

The network and valves in major veins maintain a constant pressure in the giraffe's brain even when it stoops to drink water and lifts its neck up to its full height.

Human beings lack this stabilising mesh and need to protect the brain by other means — avoiding tobacco, consuming less salt, coping with stress, taking medicines and above all by detecting hypertension through periodic check-ups. The giraffe doesn't have these complications!

Standing still for long, weak leg muscles and the effects of some medicines can cause pooling of blood in the legs, lowering the BP. Getting up from bed suddenly, stiff arteries and reduced water intake can sometimes cause a significant drop in BP on standing up. Whatever the cause, dizziness due to low BP is often relieved by allowing blood to flow freely into the brain by making the patient lie flat on the ground. Lifting the legs facilitates the flow of blood.

SubQuestion No : 21

Q.21 “Avoiding tobacco, consuming less salt, coping with stress, taking medicines”. In what context does the writer mention these things?

Ans



1. Humans need to do these to protect their brain.



2. Doctors tell us this.



3. Giraffes do not do all these.



4. All these are social evils.

Question ID : 6549784610

Status : Answered

Chosen Option : 1

Comprehension:

Read the passage and answer the questions.

On September 29, World Heart Day, organisations across India hold camps to help the public “know their numbers” — blood pressure (BP), blood sugar and body weight.

A BP of 120/80 mmHg (millimetre mercury) or below is considered normal. More than 140/90, signifying Stage 1 hypertension, and more than 160/100, signifying Stage 2, can damage the brain, eyes, heart and kidneys.

When studying blood pressure, scientists have been intrigued by the giraffe, the gentle giant of Africa.

How does it pump blood through its body that rises to 18 feet? With what force does it pump blood up the six-foot-long neck to its brain? What protects the giraffe from giddiness as it bends down to drink water and then lifts its head up? Despite standing almost all the time, why doesn't a giraffe faint? The answers to these questions hold answers to protect human beings from brain haemorrhage due to high BP and fainting due to low BP. The giraffe's strong heart generates a pressure of 300 mmHg needed to pump blood all the way up its long neck. Yet, when scientists measured the BP in its brain, it was a constant 120/80 mmHg. A network of blood vessels in the upper neck helps reduce the BP.

The network and valves in major veins maintain a constant pressure in the giraffe's brain even when it stoops to drink water and lifts its neck up to its full height.

Human beings lack this stabilising mesh and need to protect the brain by other means — avoiding tobacco, consuming less salt, coping with stress, taking medicines and above all by detecting hypertension through periodic check-ups. The giraffe doesn't have these complications!

Standing still for long, weak leg muscles and the effects of some medicines can cause pooling of blood in the legs, lowering the BP. Getting up from bed suddenly, stiff arteries and reduced water intake can sometimes cause a significant drop in BP on standing up. Whatever the cause, dizziness due to low BP is often relieved by allowing blood to flow freely into the brain by making the patient lie flat on the ground. Lifting the legs facilitates the flow of blood.

SubQuestion No : 22

Q.22 Why does dizziness due to low BP occur?

Ans



1. Because the blood supply to the brain is not enough



2. Due to constant physical stress



3. Due to overthinking



4. Because of not taking enough water

Question ID : 6549784612

Status : Answered

Chosen Option : 1

Comprehension:

Read the passage and answer the questions.

On September 29, World Heart Day, organisations across India hold camps to help the public “know their numbers” — blood pressure (BP), blood sugar and body weight.

A BP of 120/80 mmHg (millimetre mercury) or below is considered normal. More than 140/90, signifying Stage 1 hypertension, and more than 160/100, signifying Stage 2, can damage the brain, eyes, heart and kidneys.

When studying blood pressure, scientists have been intrigued by the giraffe, the gentle giant of Africa.

How does it pump blood through its body that rises to 18 feet? With what force does it pump blood up the six-foot-long neck to its brain? What protects the giraffe from giddiness as it bends down to drink water and then lifts its head up? Despite standing almost all the time, why doesn't a giraffe faint? The answers to these questions hold answers to protect human beings from brain haemorrhage due to high BP and fainting due to low BP. The giraffe's strong heart generates a pressure of 300 mmHg needed to pump blood all the way up its long neck. Yet, when scientists measured the BP in its brain, it was a constant 120/80 mmHg. A network of blood vessels in the upper neck helps reduce the BP.

The network and valves in major veins maintain a constant pressure in the giraffe's brain even when it stoops to drink water and lifts its neck up to its full height.

Human beings lack this stabilising mesh and need to protect the brain by other means — avoiding tobacco, consuming less salt, coping with stress, taking medicines and above all by detecting hypertension through periodic check-ups. The giraffe doesn't have these complications!

Standing still for long, weak leg muscles and the effects of some medicines can cause pooling of blood in the legs, lowering the BP. Getting up from bed suddenly, stiff arteries and reduced water intake can sometimes cause a significant drop in BP on standing up. Whatever the cause, dizziness due to low BP is often relieved by allowing blood to flow freely into the brain by making the patient lie flat on the ground. Lifting the legs facilitates the flow of blood.

SubQuestion No : 23

Q.23 If one has a blood pressure of 150/90, what stage would it be? Ans

-  1. Stage 2
-  2. Stage 1
-  3. Normal
-  4. Below normal

Question ID : 6549784609

Status : Answered

Chosen Option : 2

Comprehension:

Read the passage and answer the questions.

On September 29, World Heart Day, organisations across India hold camps to help the public “know their numbers” — blood pressure (BP), blood sugar and body weight.

A BP of 120/80 mmHg (millimetre mercury) or below is considered normal. More than 140/90, signifying Stage 1 hypertension, and more than 160/100, signifying Stage 2, can damage the brain, eyes, heart and kidneys.

When studying blood pressure, scientists have been intrigued by the giraffe, the gentle giant of Africa.

How does it pump blood through its body that rises to 18 feet? With what force does it pump blood up the six-foot-long neck to its brain? What protects the giraffe from giddiness as it bends down to drink water and then lifts its head up? Despite standing almost all the time, why doesn't a giraffe faint? The answers to these questions hold answers to protect human beings from brain haemorrhage due to high BP and fainting due to low BP. The giraffe's strong heart generates a pressure of 300 mmHg needed to pump blood all the way up its long neck. Yet, when scientists measured the BP in its brain, it was a constant 120/80 mmHg. A network of blood vessels in the upper neck helps reduce the BP.

The network and valves in major veins maintain a constant pressure in the giraffe's brain even when it stoops to drink water and lifts its neck up to its full height.

Human beings lack this stabilising mesh and need to protect the brain by other means — avoiding tobacco, consuming less salt, coping with stress, taking medicines and above all by detecting hypertension through periodic check-ups. The giraffe doesn't have these complications!

Standing still for long, weak leg muscles and the effects of some medicines can cause pooling of blood in the legs, lowering the BP. Getting up from bed suddenly, stiff arteries and reduced water intake can sometimes cause a significant drop in BP on standing up. Whatever the cause, dizziness due to low BP is often relieved by allowing blood to flow freely into the brain by making the patient lie flat on the ground. Lifting the legs facilitates the flow of blood.

SubQuestion No : 24

Q.24 Which of the following key measurements of health is NOT included in the phrase “know their numbers”?

- Ans
-  1. Blood pressure
 -  2. Blood sugar
 -  3. Weight
 -  4. Age

Question ID : 6549784608

Status : Answered

Chosen Option : 4

Comprehension:

Read the passage and answer the questions.

On September 29, World Heart Day, organisations across India hold camps to help the public “know their numbers” — blood pressure (BP), blood sugar and body weight.

A BP of 120/80 mmHg (millimetre mercury) or below is considered normal. More than 140/90, signifying Stage 1 hypertension, and more than 160/100, signifying Stage 2, can damage the brain, eyes, heart and kidneys.

When studying blood pressure, scientists have been intrigued by the giraffe, the gentle giant of Africa.

How does it pump blood through its body that rises to 18 feet? With what force does it pump blood up the six-foot-long neck to its brain? What protects the giraffe from giddiness as it bends down to drink water and then lifts its head up? Despite standing almost all the time, why doesn't a giraffe faint? The answers to these questions hold answers to protect human beings from brain haemorrhage due to high BP and fainting due to low BP. The giraffe's strong heart generates a pressure of 300 mmHg needed to pump blood all the way up its long neck. Yet, when scientists measured the BP in its brain, it was a constant 120/80 mmHg. A network of blood vessels in the upper neck helps reduce the BP.

The network and valves in major veins maintain a constant pressure in the giraffe's brain even when it stoops to drink water and lifts its neck up to its full height.

Human beings lack this stabilising mesh and need to protect the brain by other means — avoiding tobacco, consuming less salt, coping with stress, taking medicines and above all by detecting hypertension through periodic check-ups. The giraffe doesn't have these complications!

Standing still for long, weak leg muscles and the effects of some medicines can cause pooling of blood in the legs, lowering the BP. Getting up from bed suddenly, stiff arteries and reduced water intake can sometimes cause a significant drop in BP on standing up. Whatever the cause, dizziness due to low BP is often relieved by allowing blood to flow freely into the brain by making the patient lie flat on the ground. Lifting the legs facilitates the flow of blood.

SubQuestion No : 25

Q.25 Which of the following does NOT puzzle scientists about the giraffe? **Ans**

-  1. Why the giraffe does not faint when it bends down?
-  2. What is the normal BP of a giraffe?
-  3. How does the blood reach up to its brain?
-  4. Why it does not faint even after standing for a long time?

Question ID : 6549784611

Status : Answered

Chosen Option : 2

Q.1 Study the given table and answer the following question:

Number of cars sold by six dealers, A, B, C, D, E and F, during first five months of 2019.

Dealer Month	A	B	C	D	E	F
January	102	105	93	115	104	106
February	100	108	103	101	96	99
March	106	102	100	96	100	110
April	96	115	98	103	102	113
May	97	120	117	100	118	112

The total number of cars sold by dealer D during February to April is what percentage less than two-third of the total number of cars sold by dealer F in the given 5 months?

Ans

 1. $16\frac{2}{3}\%$

 2. $12\frac{1}{3}\%$

 3. 20%

 4. 10%

Question ID : 6549784636

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.2 If $a + b = 6$ and $\frac{2}{5}$ of $ab = 4$, find the value of $a^3 + b^3$.

Ans

 1. 42

 2. 34

 3. 46

 4. 36

Question ID : 6549784630

Status : Answered

Chosen Option : 4

Q.3 The population of a town was 50,000. If it is increased by 20% in the first year and decreased by 11% in the second year, then find the population of the town at the end of the second year.

Ans

 1. 53,400

 2. 53,500

 3. 53,000

 4. 54,500

Question ID : 6549784618

Status : Answered

Chosen Option : 1

Q.4 The volume of a metallic cylindrical pipe is 1232 cm^3 . If its external radius is 8 cm and thickness is 2 cm, then find the length of the pipe.

- Ans
- ☐ 1. 16 cm
 - ☒ 2. 14 cm
 - ☐ 3. 10 cm
 - ☐ 4. 12 cm

Question ID : 6549784629

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.5 Gayatri bought 21 TV sets at ₹5,400 each and sold all of them at a total price of ₹1,41,750. Find her profit or loss percentage.

- Ans
- ☐ 1. Profit: 20%
 - ☒ 2. Profit: 25%
 - ☐ 3. Loss: 20%
 - ☐ 4. Loss: 25%

Question ID : 6549784620

Status : Answered

Chosen Option : 2

Q.6 In a triangle ABC, the bisector of $\angle A$ meets BC at D. If AB = 4.8 cm, AC = 5.6 cm and BD = 2.4 cm, find the perimeter of $\triangle ABC$.

- Ans
- ☐ 1. 15.4 cm
 - ☐ 2. 14.6 cm
 - ☒ 3. 15.6 cm
 - ☐ 4. 14.8 cm

Question ID : 6549784633

Status : Answered

Chosen Option : 3

Q.7 How many of the following numbers are divisible by 3 but not by 9?
2142 , 3423 , 2430 , 4521 , 8433 , 3258

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

Question ID : 6549784613

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8 A sum of money is distributed among P, Q, R and S in the ratio of 3 : 4 : 5 : 6 respectively. If R gets ₹1,500 more than Q, find the sum of all their shares.

- Ans
- ☐ 1. ₹25,000
 - ☒ 2. ₹27,000
 - ☐ 3. ₹30,000
 - ☐ 4. ₹24,000

Question ID : 6549784623

Status : Answered

Chosen Option : 2

Q.9 If $\tan \theta + 3 \cot \theta = 2\sqrt{3}$, $0^\circ < \theta < 90^\circ$, then what is the value of θ ?

- Ans
- ☒ 1. 60°
 - ☐ 2. 30°
 - ☐ 3. 70°
 - ☐ 4. 45°

Question ID : 6549784634

Status : Answered

Chosen Option : 1

Q.10 If $x^{-4} + \frac{1}{x^4} = 6239$, find $x + \frac{1}{x}$ where $x > 0$.

- Ans
- ☐ 1. 14
 - ☐ 2. 12
 - ☐ 3. 8
 - ☒ 4. 9

Question ID : 6549784631

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.11 Six years ago, the average of the ages of Ravi, his wife and their child was 32 years. Nine years ago, the average of the ages of Ravi's wife and the child was 24 years. Find the present age of Ravi?

- Ans
- ☐ 1. 50 years
 - ☒ 2. 48 years
 - ☐ 3. 46 years
 - ☐ 4. 45 years

Question ID : 6549784616

Status : Answered

Chosen Option : 2

Q.12 Raghu can complete a certain task in 15 days, whereas Guru can complete the same task in $7\frac{1}{2}$ days. If they work together, then in how many days will the task be completed?

- Ans
- ☐ 1. 7
 - ☒ 2. 5
 - ☐ 3. 8
 - ☐ 4. 6

Question ID : 6549784625

Status : Answered

Chosen Option : 2

Q.13 If the number 2A19281870B is divisible by both 8 and 11, where A and B are single-digit integers, then the values of A and B are:

- Ans
- ☒ 1. A = 3, B = 4
 - ☐ 2. A = 4, B = 6
 - ☐ 3. A = 4, B = 3
 - ☐ 4. A = 3, B = 6

Question ID : 6549784614

Status : Answered

Chosen Option : 3

Q.14 If a person walks at 18 km/h instead of 12 km/h, he would have walked 24 km more. Find the actual distance travelled by him.

- Ans
- ☐ 1. 45 km
 - ☐ 2. 42 km
 - ☒ 3. 48 km
 - ☐ 4. 40 km

Question ID : 6549784627

Status : Answered

Chosen Option : 3

Q.15 ABC is an equilateral triangle and AD is perpendicular to BC. If AB = 12 cm, then AD is equal to:

- Ans
- ☐ 1. 6 cm
 - ☐ 2. $6\sqrt{2}$ cm
 - ☒ 3. $6\sqrt{3}$ cm
 - ☐ 4. 8 cm

Question ID : 6549784632

Status : Answered

Chosen Option : 3

Q.16 Reena took a loan of ₹8,000 on simple interest for as many years as the rate of interest. If she paid ₹3,920 as interest at the end of the loan period, find the rate of interest.

- Ans
- ☒ 1. 6%
 - ☒ 2. 7%
 - ☒ 3. 8%
 - ☒ 4. 9%

Question ID : 6549784624

Status : Answered

Chosen Option : 2

Q.17 The marked price of a fan is ₹3,450. If a person earns a profit of 15% after allowing a discount of 15%, find the cost price of the fan.

- Ans
- ☒ 1. ₹2,430
 - ☒ 2. ₹2,350
 - ☒ 3. ₹2,550
 - ☒ 4. ₹2,500

Question ID : 6549784617

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.18 A test consists of 200 questions. Anamica answered 40% of the first 70 questions correctly. What percentage of the remaining 130 questions does she need to answer correctly to score 59.5% marks in the test?

- Ans
- ☒ 1. 70%
 - ☒ 2. 64%
 - ☒ 3. 65%
 - ☒ 4. 60%

Question ID : 6549784619

Status : Not Answered

Chosen Option : --

Q.19 Amit left from place A at 10 a.m. for place B, and Rahul left place B at 1 p.m. for place A. The distance between them is 390 km. If Amit's speed is 40 km/h and Rahul's speed is 50 km/h, then at what time will they meet each other?

- Ans
- ☒ 1. 6 p.m.
 - ☒ 2. 3 p.m.
 - ☒ 3. 5 p.m.
 - ☒ 4. 4 p.m.

Question ID : 6549784628

Status : Answered

Chosen Option : 4

Q.20 The profit earned after selling an article for ₹6,250 is the same as the loss incurred after selling the article for ₹3,750. Find the cost price of the article.

- Ans
- 1. ₹4,500
 - ✗ 2. ₹5,500
 - ✗ 3. ₹6,000
 - ✓ 4. ₹5,000

Question ID : 6549784621

Status : Answered

Chosen Option : 4

Q.21 Study the given table and answer the following question:

Number of cars sold by six dealers, A, B, C, D, E and F, during first five months of 2019.

Dealer Month	A	B	C	D	E	F
January	102	105	93	115	104	106
February	100	108	103	101	96	99
March	106	102	100	96	100	110
April	96	115	98	103	102	113
May	97	120	117	100	118	112

The total number of cars sold by dealer C during January, March and May is what percentage of the total number of cars sold by dealer A in March and April and by dealer F in January, February and April (correct to one decimal place)?

- Ans
- ✗ 1. 60.2%
 - ✗ 2. 58.4%
 - ✓ 3. 59.6%
 - ✗ 4. 57.7%

Question ID : 6549784637

Status : Not Answered

Chosen Option : --

Q.22 In the first 10 overs of a cricket game, the run rate was 4.8. What should be the run rate in the remaining 40 overs to reach the target of 348 runs?

- Ans
- ✓ 1. 7.5
 - ✗ 2. 8
 - ✗ 3. 7
 - ✗ 4. 6.5

Question ID : 6549784615

Status : Answered

Chosen Option : 1

Q.23 The ratio of the numbers of boys and girls in a school is 35 : 36. If the average of the number of boys and girls in the school is 710, then find the number of girls in the school.

- Ans
- ☒ 1. 730
 - ☒ 2. 740
 - ☒ 3. 725
 - ☒ 4. 720

Question ID : 6549784622

Status : Answered

Chosen Option : 4

Q.24 Study the given table and answer the following question:

Number of cars sold by six dealers, A, B, C, D, E and F, during first five months of 2019.

Dealer Month	A	B	C	D	E	F
January	102	105	93	115	104	106
February	100	108	103	101	96	99
March	106	102	100	96	100	110
April	96	115	98	103	102	113
May	97	120	117	100	118	112

90% of the average number of cars sold by dealer B in five months is equal to the number of cars sold by:

- Ans
- ☒ 1. dealer F in February
 - ☒ 2. dealer C in April
 - ☒ 3. dealer A in May
 - ☒ 4. dealer E in March

Question ID : 6549784635

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.25 15 men can finish a job in 12 days and 18 women can finish it in 15 days. How long will 4 men and 3 women take to complete the same job?

- Ans
- ☒ 1. 24 days
 - ☒ 2. 30 days
 - ☒ 3. 25 days
 - ☒ 4. 28 days

Question ID : 6549784626

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.1 Article _____ of the Constitution of India deals with the impeachment of the President.

Ans

 1. 55

 2. 61

 3. 56

 4. 65

Question ID : 6549784661

Status : Answered

Chosen Option : 2

Q.2 The virus that causes chickenpox is:

Ans

 1. rubeola

 2. flavivirus

 3. rhinovirus

 4. varicella zoster

Question ID : 6549784647

Status : Not Answered

Chosen Option : --

Q.3 When did Mahatma Gandhi start the 'Quit India Movement'?

Ans

 1. April 1940

 2. August 1946

 3. August 1942

 4. April 1944

Question ID : 6549784653

Status : Not Answered

Chosen Option : --

Q.4 Kathakali is a dance form traditionally associated with the state of:Ans

 1. Andhra Pradesh

 2. Odisha

 3. Kerala

 4. Tamil Nadu

Question ID : 6549784639

Status : Not Answered

Chosen Option : --

Q.5 Nagarhole National Park, also known as Rajiv Gandhi National Park, is a wildlife reserve in the state of _____.

- Ans
- ☒ 1. Gujarat
 - ☒ 2. Madhya Pradesh
 - ☒ 3. Rajasthan
 - ☒ 4. Karnataka

Question ID : 6549784650
Status : Not Answered
Chosen Option : --

Q.6 In August 2019, in which country did the deadly fire break out in the Amazon forest? Ans

- ☒ 1. Kenya
- ☒ 2. Belgium
- ☒ 3. Brazil
- ☒ 4. Canada

Question ID : 6549784643
Status : Answered
Chosen Option : 3

Q.7 The Rann of Kutch is a marshy region located in the state of:

- Ans
- ☒ 1. Punjab
 - ☒ 2. Uttar Pradesh
 - ☒ 3. Gujarat
 - ☒ 4. Rajasthan

Question ID : 6549784649
Status : Answered
Chosen Option : 3

Q.8 The Preamble of the Constitution of India was amended by the _____ Amendment Act.

- Ans
- ☒ 1. 103rd
 - ☒ 2. 42nd
 - ☒ 3. 122nd
 - ☒ 4. 53rd

Question ID : 6549784659
Status : Answered
Chosen Option : 2

Q.9 The 'Single citizenship' feature of the Constitution of India is borrowed from the Constitution of:

- Ans
- ☒ 1. Australia
 - ☐ 2. Britain
 - ☐ 3. Ireland
 - ☐ 4. France

Question ID : 6549784660

Status : Answered

Chosen Option : 1

Q.10 What does the letter 'A' stand for in AIDS?

- Ans
- ☐ 1. Artificial
 - ☐ 2. Atomic
 - ☐ 3. Airborne
 - ☒ 4. Acquired

Question ID : 6549784644

Status : Answered

Chosen Option : 4

Q.11 Who was the first Mughal emperor in India in 1526?

- Ans
- ☒ 1. Babar
 - ☐ 2. Akbar
 - ☐ 3. Humayun
 - ☐ 4. Jehangir

Question ID : 6549784652

Status : Answered

Chosen Option : 1

Q.12 Which among the following is a mosquito-borne viral disease? Ans

- ☒ 1. Dengue
- ☐ 2. Tuberculosis
- ☐ 3. Chickenpox
- ☐ 4. Measles

Question ID : 6549784645

Status : Answered

Chosen Option : 1

Q.13 The mountains on India's eastern border with Myanmar are known as the _____ .

- Ans
-  1. Aravalli
 -  2. Satpura
 -  3. Vindhya
 -  4. Purvanchal

Question ID : 6549784651
Status : Not Answered
Chosen Option : --

Q.14 Which is the largest country (by area) of the world?

- Ans
-  1. India
 -  2. Japan
 -  3. China
 -  4. Russia

Question ID : 6549784648
Status : Answered
Chosen Option : 4

Q.15 Who won the 2019 Nobel Peace Prize for promoting peace and reconciliation?Ans

-  1. Didier Queloz
-  2. Alvin Roth
-  3. Abiy Ahmed Ali
-  4. Frances Arnold

Question ID : 6549784642
Status : Not Attempted and
Marked For Review
Chosen Option : --

Q.16 The _____ team won the Ranji Trophy title for the first time in 70 years in March 2020.

- Ans
-  1. Bengal
 -  2. Vidarbha
 -  3. Saurashtra
 -  4. Mumbai

Question ID : 6549784662
Status : Not Answered
Chosen Option : --

Q.17 According to the Iranian Government, the proposed new currency of Iran is _____, which is equal to 10,000 rials.

- Ans
- ☒ 1. Dirham
 - ☒ 2. Baht
 - ☒ 3. Toman
 - ☒ 4. Lira

Question ID : 6549784641

Status : Not Answered

Chosen Option : --

Q.18 Kye Monastery is the oldest and biggest monastery situated in the state of:

- Ans
- ☒ 1. Andhra Pradesh
 - ☒ 2. Himachal Pradesh
 - ☒ 3. Assam
 - ☒ 4. Manipur

Question ID : 6549784638

Status : Not Answered

Chosen Option : --

Q.19 Mehrangarh Fort is situated in the state of:

- Ans
- ☒ 1. Delhi
 - ☒ 2. Rajasthan
 - ☒ 3. Madhya Pradesh
 - ☒ 4. Meghalaya

Question ID : 6549784640

Status : Not Answered

Chosen Option : --

Q.20 Who was the founder of the Lodhi dynasty in 1451 A.D?

- Ans
- ☒ 1. Daulat Khan Lodhi
 - ☒ 2. Bahlul Khan Lodhi
 - ☒ 3. Ibrahim Khan Lodhi
 - ☒ 4. Sikander Khan Lodhi

Question ID : 6549784655

Status : Not Answered

Chosen Option : --

Q.21 The first famous king of the Gupta dynasty was:

- Ans
- ☒ 1. Samudragupta
 - ☒ 2. Chandragupta II
 - ☒ 3. Mihirakula
 - ☒ 4. Chandragupta I

Question ID : 6549784654

Status : Not Answered

Chosen Option : --

Q.22 The pH (in chemistry) is an abbreviation for:

- Ans
- ☒ 1. percentage of helium
 - ☒ 2. percentage of hydrogen
 - ☒ 3. power of helium
 - ☒ 4. power of hydrogen

Question ID : 6549784646

Status : Answered

Chosen Option : 4

Q.23 In 2019, astronaut _____ broke the record for the longest single spaceflight by a woman.

- Ans
- ☒ 1. Scott Kelly
 - ☒ 2. Jessica Meir
 - ☒ 3. Christina Koch
 - ☒ 4. Peggy Whitson

Question ID : 6549784658

Status : Not Answered

Chosen Option : --

Q.24 Bernardine Evaristo was one of the joint winners of the 2019 Booker Prize She won this award for her novel:

- Ans
- ☒ 1. An Orchestra of Minorities
 - ☒ 2. Quichotte
 - ☒ 3. 10 Minutes 38 Seconds in This Strange World
 - ☒ 4. Girl, Woman, Other

Question ID : 6549784657

Status : Not Answered

Chosen Option : --

Q.25 Who among the following is the man behind the Unique Identification (UID) campaign in India?

Ans



1. Sundar Pichai



2. Peyush Bansal



3. Nandan Nilekani



4. Manohar Parrikar

Question ID : 6549784656

Status : Not Answered

Chosen Option : --