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Phase X/2022/Selection Posts and Selection Posts/Ladakh/2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Gram Raigawan Near Patan Bypass
Exam Date	05/08/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Selection Post Phase X Matriculation Level

Section : **General Intelligence**

Q.1 In a certain code language, 'WATER' is written as '18120523' and 'BURNT' is written as '202118142'. How will 'STRAIN' be written in that language?

Ans ✗ 1. 1420181920

✓ 2. 1420181919

✗ 3. 1420181517

✗ 4. 1920181914

Question ID : **26433056209**
Status : **Answered**
Chosen Option : **2**

Q.2 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
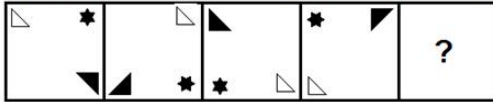VAR, YDU, BGX, EJA, ?

Ans ✗ 1. GLC

✗ 2. HME

✓ 3. HMD

✗ 4. HND

Question ID : **26433056068**
Status : **Answered**
Chosen Option : **3**

Q.3 In a certain code language, 'BREAD' is written as '5*#$9' and 'BRANCH' is written as '5*$!%8'. How will 'CAND' be written in that language?

Ans ✓ 1. %$!9

✗ 2. %#!9

✗ 3. %!#9

✗ 4. %*!9

Question ID : **26433056380**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Q.5 In a certain code language, 'STOOL' is written as '405', and 'SKY' is written as '165'. How will 'TABLE' be written in that language?

Ans ✗ 1. 210

✔ 2. 200

✗ 3. 195

✗ 4. 205

Q.6 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

ACNU57

P ——— Q

Ans

✗ 1. ∀ƆИ∩5ㄥ

✗ 2. ∀ƆИ∩5ㄥ

✗ 3. ∀Ɔ∩И5ㄥ

✔ 4. ∀ƆИ∩5ㄥ

Q.7 In a certain code language, 'CAT' is written as '2124' and 'BAR' is written as '1923'.
How will 'FISH' be written in that language?

Ans

✗ 1. 114865

✗ 2. 88624

✔ 3. 920107

✗ 4. 59243

Q.8 Two statements are given, followed by two conclusions numbered I and II. Assuming
the statements to be true, even if they seem to be at variance with commonly known
facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
No book is a novel.
All novels are diaries.
Conclusions:
I. All diaries can never be books.
II. Some books are diaries.

Ans

✗ 1. Neither conclusion I nor II follows

✗ 2. Both conclusions I and II follow

✔ 3. Only conclusion I follows

✗ 4. Only conclusion II follows

Q.9 Which letter-cluster will replace the question mark (?) to complete the given series?
FUHX, ?, JOPN, LLTI, NIXD

Ans ✗ 1. HSKR

✔ 2. HRLS

✗ 3. HSMR

✗ 4. HRMT

Question ID : **26433055239**
Status : **Answered**
Chosen Option : **2**

Q.10 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. River
2. Reign
3. Rest
4. Reinstate
5. Relate
6. Repeat

Ans ✗ 1. 2, 4, 6, 5, 3, 1

✔ 2. 2, 4, 5, 6, 3, 1

✗ 3. 2, 4, 3, 5, 6, 1

✗ 4. 2, 5, 4, 6, 3, 1

Question ID : **26433056717**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters / number of consonants / vowels in the word.)
Sink : Drown :: Refuse : ?

Ans ✗ 1. Push

✗ 2. Sad

✔ 3. Deny

✗ 4. Short

Question ID : **26433056583**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
96 * 21 * 65 * 8 * 2 * 335

Ans ✗ 1. +, −, ×, ÷, =

✗ 2. +, ×, −, =, ÷

✗ 3. ×, +, −, ÷, =

✔ 4. −, +, ×, ÷, =

Question ID : **26433056452**
Status : **Answered**
Chosen Option : **4**

Q.13 Which of the given letter-clusters will replace the question mark (?) in the following series?
LUGA, HQCW, DMYS, ?, VEQK

Ans ✗ 1. ZJUO

✓ 2. ZIUO

✗ 3. ZIVO

✗ 4. ZJVO

Question ID : **26433056127**
Status : **Answered**
Chosen Option : **2**

Q.14 Two statements are given, followed by two conclusions numbered I and II. 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 movies are dramas.
No drama is a comedy.
Conclusions:
I. Some movies are comedies.
II. All movies can never be comedies.

Ans ✓ 1. Only conclusion II follows

✗ 2. Neither conclusion I nor II follows

✗ 3. Only conclusion I follows

✗ 4. Both conclusions I and II follow

Question ID : **26433055211**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter-series.
C _ _ N M _ V B N _ C V _ _ M C _ B N _

Ans ✗ 1. VBCNCMVM

✓ 2. VBCMBNVM

✗ 3. VBCNBNVM

✗ 4. VBCNCNVB

Question ID : **26433056157**
Status : **Answered**
Chosen Option : **2**

Q.16 In a code language, 'OCEAN' is written as 'SGIER' and 'FISH' is written as 'JMWL'.
How will 'RIVER' be written in that language?

Ans ✓ 1. VMZIV

✗ 2. VNZIV

✗ 3. UMZIU

✗ 4. VMXJV

Question ID : **26433056757**
Status : **Answered**
Chosen Option : **1**

Q.17 In a certain code language, 'REASON' is written as 'VODPEJ' and 'ORIGIN' is written as 'SILDRJ'. How will 'MEDIUM' be written in that language?

Ans ✗ 1. IUEFEQ

 ✔ 2. QUGFEI

 ✗ 3. IEGFUQ

 ✗ 4. QEGFUI

Q.18 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row - 112, 59, 169
Second row - 78, 66, 142
Third row - 137, 85, ?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

Ans ✗ 1. 216

 ✗ 2. 238

 ✗ 3. 242

 ✔ 4. 220

Q.19 Which of the following numbers will replace the question mark (?) in the given series?
66, 86, 126, ?, 366

Ans ✗ 1. 350

 ✗ 2. 308

 ✔ 3. 206

 ✗ 4. 208

Q.20 'A @ B' means 'A is the father of B'.
'A & B' means 'A is the mother of B'.
'A # B' means 'A is the husband of B'.
'A % B' means 'A is the sister of B'.
If G % W # K & C @ M, then M is the grand Daughter of G's _____.

Ans ✗ 1. Sister

 ✗ 2. Mother

 ✔ 3. Brother

 ✗ 4. Father

Q.21 In a certain code language, 'FULLY' is written as 'ETKKX' and 'GIVEN' is written as 'FHUDM'. How will 'EARLY' be written in that language?

Ans ✔ 1. DZQKX

✘ 2. DASLY

✘ 3. FBSMZ

✘ 4. FCSNY

Q.22 Two statements are given, followed by two conclusions numbered I and II. 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 shrubs are plants.
Some herbs are plants.
Conclusions:
I. All shrubs being herbs is a possibility.
II. No herb is a shrub.

Ans ✘ 1. Neither conclusion I nor II follows

✔ 2. Only conclusion I follows

✘ 3. Both conclusions I and II follow

✘ 4. Only conclusion II follows

Q.23 Pointing to a person in a photograph, a man, Raja, said, "She is the mother of my father's son's daughter, and my father has only one son." How is the person related to Raja?

Ans ✘ 1. Daughter

✘ 2. Sister

✘ 3. Mother

✔ 4. Wife

Q.24 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order. (From top to Bottom)
1.Chin
2.Eyes
3.Hair
4.Mouth
5.Nose

Ans ✗ 1. 2, 5, 1, 3, 4

✗ 2. 1, 3, 2, 4, 5

✓ 3. 3, 2, 5, 4, 1

✗ 4. 2, 3, 5, 4, 1

Question ID : **26433067751**
Status : **Answered**
Chosen Option : **3**

Q.25 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
JINGLE : JONGLI :: WASTED : WESTID :: CRIMINAL : ?

Ans ✗ 1. CRIMONEL

✗ 2. CROMINAL

✓ 3. CROMONEL

✗ 4. CROMINEL

Question ID : **26433055936**
Status : **Answered**
Chosen Option : **3**

Section : **English Language**

Q.1 Select the most appropriate ANTONYM of the given word.

CONQUER

Ans ✓ 1. surrender

✗ 2. crush

✗ 3. subdue

✗ 4. overthrow

Question ID : **26433059810**
Status : **Answered**
Chosen Option : **1**

Q.2 Select the most appropriate meaning of the given idiom.

Pull yourself together

Ans ✗ 1. Pull your hair

✗ 2. Pull your clothes

✓ 3. Calm down

✗ 4. Stand by your opinion

Question ID : **26433060803**
Status : **Answered**
Chosen Option : **3**

Q.3 Substitute one word for the italicised expression.

The death of the veteran leader was followed by a year of *absence of Government* in the whole of North India.

Ans ✗ 1. harmony

✓ 2. anarchy

✗ 3. calm

✗ 4. peace

Q.4 Select the INCORRECTLY spelt word

Ans ✗ 1. Believe

✓ 2. Sieze

✗ 3. Receive

✗ 4. Relieve

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Let us prayer.

Ans ✗ 1. Let us praying.

✗ 2. Let us be prayed.

✓ 3. Let us pray.

✗ 4. Let us be prayer.

Q.6 Select the most appropriate synonym of the given word.

Bashful

Ans ✓ 1. Introverted

✗ 2. Expanded

✗ 3. Experimented

✗ 4. Concussed

Q.7 Select the option that can be used as a one-word substitute for the given group of words.

A meal that is usually taken late in the morning that combines a late breakfast and an early lunch

Ans ✗ 1. Snacks

✓ 2. Brunch

✗ 3. Breakfast

✗ 4. Lunch

Question ID : **26433060297**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the most appropriate ANTONYM of the given word.

Better

Ans ✗ 1. Verse

✗ 2. Best

✓ 3. Worse

✗ 4. Good

Question ID : **26433060107**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the most appropriate synonym to replace the italicised word.

It was a *desolate* wasteland except for some grazing sheep.

Ans ✗ 1. cheerful

✗ 2. cordial

✗ 3. festive

✓ 4. lonely

Question ID : **26433059645**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the INCORRECTLY spelt word.

Ans ✓ 1. Causmetic

✗ 2. Turmeric

✗ 3. Detergent

✗ 4. Playful

Question ID : **26433060636**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the option that expresses the given sentence in passive voice.

Nirmala scored forty runs in the school cricket match.

Ans ✗ 1. Forty runs scored by Nirmala in the school cricket match.

✗ 2. Forty runs was being scored by Nirmala in the school cricket match.

✗ 3. Forty runs had been scored by Nirmala in the school cricket match.

✓ 4. Forty runs were scored by Nirmala in the school cricket match.

Question ID : **26433060600**
Status : **Answered**
Chosen Option : **4**

Q.12 Select the most appropriate option to fill in the blank.

During our recent visit to Delhi during the COVID lockdown, we were shocked to find that the railway station was _____ crowded.

Ans ✓ 1. heavily

✗ 2. generally

✗ 3. vehemently

✗ 4. surprisingly

Question ID : **26433060573**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the option that expresses the given sentence in active voice.

The files were being cleared by Shilpa as per the principal's instructions.

Ans ✗ 1. Shilpa can be clearing the files as per the principal's instructions.

✗ 2. Shilpa were clearing the files as per the Principal's instructions.

✗ 3. Shilpa has cleared the files as per the principal's instructions.

✓ 4. Shilpa was clearing the files as per the principal's instructions.

Question ID : **26433060605**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the most appropriate meaning of the given idiom.

Under the weather

Ans ✗ 1. Having bad weather

✗ 2. Having good weather

✗ 3. Rainy and cloudy weather

✓ 4. Feeling sick

Question ID : **26433065126**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the INCORRECTLY spelt word.

Ans ✗ 1. Duly

✗ 2. Sadly

✓ 3. Wholy

✗ 4. Truly

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Honey bees, also known as Apis mellifera, are an important part of the ecosystem(1)_____ us. However, they are constantly exposed to many (2)_____. They are particularly (3)_____ to diseases and parasites because they live in colonies. Once a member of the colony gets infected, it is very easy for the disease to (4)_____. This is why honeybees have some (5)_____ behaviours to help them fight infections.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in blank number 1.

Ans ✗ 1. across

✗ 2. prior to

✗ 3. within

✓ 4. around

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Honey bees, also known as Apis mellifera, are an important part of the ecosystem(1)_____ us. However, they are constantly exposed to many (2)_____. They are particularly (3)_____ to diseases and parasites because they live in colonies. Once a member of the colony gets infected, it is very easy for the disease to (4)_____. This is why honeybees have some (5)_____ behaviours to help them fight infections.

SubQuestion No : 17

Q.17 Select the most appropriate option to fill in blank number 2.

Ans ✗ 1. tasks

✓ 2. threats

✗ 3. elements

✗ 4. sunrays

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Honey bees, also known as Apis mellifera, are an important part of the ecosystem(1)_____ us. However, they are constantly exposed to many (2)_____. They are particularly (3)_____ to diseases and parasites because they live in colonies. Once a member of the colony gets infected, it is very easy for the disease to (4)_____. This is why honeybees have some (5)_____ behaviours to help them fight infections.

SubQuestion No : 18

Q.18 Select the most appropriate option to fill in blank number 3.

Ans ✗ 1. dissimilar

  ✗ 2. contrary

  ✔ 3. vulnerable

  ✗ 4. insensible

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Honey bees, also known as Apis mellifera, are an important part of the ecosystem(1)_____ us. However, they are constantly exposed to many (2)_____. They are particularly (3)_____ to diseases and parasites because they live in colonies. Once a member of the colony gets infected, it is very easy for the disease to (4)_____. This is why honeybees have some (5)_____ behaviours to help them fight infections.

SubQuestion No : 19

Q.19 Select the most appropriate option to fill in blank number 4.

Ans ✔ 1. spread

  ✗ 2. originate

  ✗ 3. convert

  ✗ 4. dominate

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Honey bees, also known as Apis mellifera, are an important part of the ecosystem(1)_____ us. However, they are constantly exposed to many (2)_____. They are particularly (3)_____ to diseases and parasites because they live in colonies. Once a member of the colony gets infected, it is very easy for the disease to (4)_____. This is why honeybees have some (5)_____ behaviours to help them fight infections.

SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank number 5.

Ans ✗ 1. offensive

✔ 2. specific

✗ 3. overt

✗ 4. voluntary

Comprehension:

Read the given passage and answer the questions that follows`.

Xandersol, a new, potentially lethal drug, is being blamed for numerous illnesses and the death of six Anchorstown residents. According to water and sewer authority officials, the drug has somehow found its way into the city water system, resulting in the contamination of household drinking water for thousands of local residents. The question lies not in determining how, but, more importantly, where the drug entered the city water system; once the leak is found it can quickly be contained. Experts agree that, given the relative scarcity of Xandersol in amounts large enough to affect an entire community.

According to a recent poll, an overwhelming majority of local residents - nearly 80% - believe this to be the case. As a result of the disaster, Marcia has had to take off work to care for her children, whom she believes have been adversely affected by the contaminated water. "I've taken off three days since the disaster. And those are unpaid days. I don't have the luxury of paid sick days like some people." She shakes her head. "You know things are bad when you can't even drink the water."

The big-name actor Evert Milkin on location for a shoot for his upcoming blockbuster movie, had a chance to spend two days in Anchorstown. Upon being warned about the drinking water problem, he decided to investigate for himself. Milkin was shocked at what he found. He purports to have discovered a dried pool of Xandersol residue collected about the entrance of a city sewer opening just outside a pharmaceutical company. Acting upon these findings, Milkin has galvanised many to support the claim that the Xandersol entered the city water system at the WPP Pharmaceuticals.

According to local engineer Todd Severs, RTC pharma is the one at fault. "It should be pretty clear to everyone that the RTC is responsible for the disaster. Just take a look at their past record. In the last two years alone, the RTC has incurred 16 citations for non-compliance with federal and state drug testing standards." In recent days, Severs' statements have begun to resonate with the public. When confronted with growing concern, the RTC issued the following statement in its defence: "While we understand that much of this blame stems from our poor record of upholding testing standards, we would like to remind local residents of the simple, yet important facts: The RTC has been testing the drugs that the people have come to depend on. Reports of those adversely affected by Xandersol are on the rise. In desperation, residents have resorting to fitting out their taps with makeshift Xandersol filters.

SubQuestion No : 21

Q.21 What is the tone of the passage?

Ans ✗ 1. Appreciative

✗ 2. Diplomatic

✓ 3. Accusive

✗ 4. News

Comprehension:

Read the given passage and answer the questions that follows`.

Xandersol, a new, potentially lethal drug, is being blamed for numerous illnesses and the death of six Anchorstown residents. According to water and sewer authority officials, the drug has somehow found its way into the city water system, resulting in the contamination of household drinking water for thousands of local residents. The question lies not in determining how, but, more importantly, where the drug entered the city water system; once the leak is found it can quickly be contained. Experts agree that, given the relative scarcity of Xandersol in amounts large enough to affect an entire community.

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SubQuestion No : 22

Q.22 Why are the pharmaceutical companies under scrutiny?

Ans ✗ 1. Pharmaceutical companies are bad

✗ 2. Pharmaceutical companies are irresponsible

✗ 3. Pharmaceutical companies are good

✔ 4. Xandersol was spilled from a pharmaceutical company

Question ID : **26433072849**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follows`.

Xandersol, a new, potentially lethal drug, is being blamed for numerous illnesses and the death of six Anchorstown residents. According to water and sewer authority officials, the drug has somehow found its way into the city water system, resulting in the contamination of household drinking water for thousands of local residents. The question lies not in determining how, but, more importantly, where the drug entered the city water system; once the leak is found it can quickly be contained. Experts agree that, given the relative scarcity of Xandersol in amounts large enough to affect an entire community.

According to a recent poll, an overwhelming majority of local residents - nearly 80% - believe this to be the case. As a result of the disaster, Marcia has had to take off work to care for her children, whom she believes have been adversely affected by the contaminated water. "I've taken off three days since the disaster. And those are unpaid days. I don't have the luxury of paid sick days like some people." She shakes her head. "You know things are bad when you can't even drink the water."

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SubQuestion No : 23

Q.23 What is the theme of the passage?

Ans ✔ 1. Xandersol spill in Anchorstown

✗ 2. Plight of the residents in Anchorstown

✗ 3. Effect of Xandersol

✗ 4. Responsibility of pharmaceutical companies

Question ID : **26433072848**
Status : **Answered**
Chosen Option : **1**

Comprehension:

Read the given passage and answer the questions that follows`.

Xandersol, a new, potentially lethal drug, is being blamed for numerous illnesses and the death of six Anchorstown residents. According to water and sewer authority officials, the drug has somehow found its way into the city water system, resulting in the contamination of household drinking water for thousands of local residents. The question lies not in determining how, but, more importantly, where the drug entered the city water system; once the leak is found it can quickly be contained. Experts agree that, given the relative scarcity of Xandersol in amounts large enough to affect an entire community.

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SubQuestion No : 24

Q.24 **Identify the appropriate fact from the passage.**

Ans ✗ 1. The culprit is punished

✔ 2. Residents have started using makeshift Xandersol filters

✗ 3. Residents are fleeing the town

✗ 4. Pharmaceutical companies are closed

Comprehension:

Read the given passage and answer the questions that follows`.

Xandersol, a new, potentially lethal drug, is being blamed for numerous illnesses and the death of six Anchorstown residents. According to water and sewer authority officials, the drug has somehow found its way into the city water system, resulting in the contamination of household drinking water for thousands of local residents. The question lies not in determining how, but, more importantly, where the drug entered the city water system; once the leak is found it can quickly be contained. Experts agree that, given the relative scarcity of Xandersol in amounts large enough to affect an entire community.

According to a recent poll, an overwhelming majority of local residents - nearly 80% - believe this to be the case. As a result of the disaster, Marcia has had to take off work to care for her children, whom she believes have been adversely affected by the contaminated water. "I've taken off three days since the disaster. And those are unpaid days. I don't have the luxury of paid sick days like some people." She shakes her head. "You know things are bad when you can't even drink the water."

The big-name actor Evert Milkin on location for a shoot for his upcoming blockbuster movie, had a chance to spend two days in Anchorstown. Upon being warned about the drinking water problem, he decided to investigate for himself. Milkin was shocked at what he found. He purports to have discovered a dried pool of Xandersol residue collected about the entrance of a city sewer opening just outside a pharmaceutical company. Acting upon these findings, Milkin has galvanised many to support the claim that the Xandersol entered the city water system at the WPP Pharmaceuticals.

According to local engineer Todd Severs, RTC pharma is the one at fault. "It should be pretty clear to everyone that the RTC is responsible for the disaster. Just take a look at their past record. In the last two years alone, the RTC has incurred 16 citations for non-compliance with federal and state drug testing standards." In recent days, Severs' statements have begun to resonate with the public. When confronted with growing concern, the RTC issued the following statement in its defence: "While we understand that much of this blame stems from our poor record of upholding testing standards, we would like to remind local residents of the simple, yet important facts: The RTC has been testing the drugs that the people have come to depend on. Reports of those adversely affected by Xandersol are on the rise. In desperation, residents have resorting to fitting out their taps with makeshift Xandersol filters.

SubQuestion No : 25

Q.25 What is the appropriate title for the passage?

Ans ✗ 1. Plight of residents

✗ 2. Water contamination

✓ 3. Adverse effects of Xandersol

✗ 4. Who spilled Xandersol?

Question ID : **26433072847**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 Swati can do a piece of work in 60 days. She worked at it for 12 days and then Yogi finished it in 24 days. How long will they together take to complete the work?

Ans ✗ 1. 30 days

✓ 2. 20 days

✗ 3. 28 days

✗ 4. 25 days

Question ID : **26433061280**
Status : **Answered**
Chosen Option : **2**

Q.2 A person covers a distance of 24 km at 8 km/h, a distance of 18 km at 9 km/h and a distance of 12 km at 3 km/h. What is the average speed?

Ans ✗ 1. 7.5 km/h

✗ 2. 6.5 km/h

✗ 3. 7 km/h

✔ 4. 6 km/h

Q.3 Two mobile phones and one LED TV cost ₹27,000, while two LED TVs and one mobile phone cost ₹29,802. The value of one LED TV is:

Ans ✗ 1. ₹10,866

✔ 2. ₹10,868

✗ 3. ₹10,870

✗ 4. ₹10,864

Q.4 The CP of an article is Rs.7,000. By selling it, a person gains 10%. How much should the person sell it for to get a gain of Rs.50 more?

Ans ✗ 1. Rs.7,850

✔ 2. Rs.7,750

✗ 3. Rs.7,600

✗ 4. Rs.7,650

Q.5 The count of bacteria in a sample grows by 24% during the first hour.It decreases by 15% during the next one hour and again decreases by 10% during the third hour. If the present count of bacteria in the sample is 55000, then what will be the net increase/decrease in the count of bacteria after three hours?

Ans ✗ 1. Decrease, 2728

✗ 2. Increase, 2728

✔ 3. Decrease, 2827

✗ 4. Increase, 2827

Q.6 The mean proportional between $\left(7+2\sqrt{5}\right)$ and $\left(21-6\sqrt{5}\right)$ is:

Ans

✗ 1. $\sqrt{69}$

✗ 2. $\sqrt{29}$

✗ 3. $\sqrt{67}$

✓ 4. $\sqrt{87}$

Q.7 The average of 10 numbers is 8. What will be the new average if each of the numbers is multiplied by 7?

Ans

✗ 1. 52

✓ 2. 56

✗ 3. 55

✗ 4. 45

Q.8 What is the compound interest on ₹8,125 for 2 years at 4% per annum compounded yearly?

Ans

✗ 1. ₹664

✗ 2. ₹661

✓ 3. ₹663

✗ 4. ₹662

Q.9 If Rakesh's income exceeds Surinder's income by 90% and Surinder's income is less than Sandeep's income by 10%, then find the ratio of the incomes of Rakesh and Sandeep.

Ans

✗ 1. 175:99

✗ 2. 172:100

✗ 3. 173:100

✓ 4. 171:100

Q.10 A family has an annual income of Rs.8,00,000, out of which they save some money. They spend 15% of the total income on health. The expenditure done on education is half of the expenditure incurred on rent. The expenditure on food was Rs.40,000, which is 10% of the expenditure on rent. How much money (in Rs.) is saved?

Ans　✘ 1. Rs.70,000

　　　✔ 2. Rs.40,000

　　　✘ 3. Rs.80,000

　　　✘ 4. Rs.60,000

Q.11 If mean proportional of K and 32 is 16, then what is the value of K?

Ans　✘ 1. 9

　　　✔ 2. 8

　　　✘ 3. 6

　　　✘ 4. 7

Q.12 A can compete $\frac{3}{5}$ of the work in 9 days and B can complete $\frac{1}{5}$ of the work in 6 days. Working together, A and B can complete $\frac{3}{5}$ of the work in _____.

Ans　✘ 1. 7 days

　　　✘ 2. 8 days

　　　✔ 3. 6 days

　　　✘ 4. 5 days

Q.13 Manoj and Kritika divide a sum of Rs.20,000 in the ratio of 5 : 3. If Rs.6,000 is added to each of their shares, what would be the new ratio formed?

Ans　✘ 1. 31 : 27

　　　✘ 2. 35 : 25

　　　✘ 3. 45 : 37

　　　✔ 4. 37 : 27

Q.14 A taxi covers a certain distance in 20 min if it runs at a speed of 60 km/h. What must be the speed (in km/h) of the taxi in order to increase the time of the journey from 20 min to 30 min?

Ans ✘ 1. 35

✔ 2. 40

✘ 3. 45

✘ 4. 30

Q.15 A thief seeing a policeman from a distance of 550 metres started running at a speed of 9 km/h. The policeman began to chase him immediately, at a speed of 11 km/h and the thief was caught. What is the distance run by the thief before he was caught by the policeman?

Ans ✔ 1. 2475 metres

✘ 2. 2485 metres

✘ 3. 2470 metres

✘ 4. 2480 metres

Q.16 What is the height of a cuboid whose total surface area is 650 cm^2 ? The cuboid is 10 cm long and 7 cm wide.

Ans ✘ 1. 14 cm

✘ 2. 12 cm

✘ 3. 18 cm

✔ 4. 15 cm

Q.17 A man borrowed Rs.46,000 at 5% per annum compound interest, compounded annually. How much money (in Rs.) will he pay as interest at the end of 2 years to clear his debt?

Ans ✘ 1. 6712

✘ 2. 50715

✔ 3. 4715

✘ 4. 48227

Q.18 A shopkeeper gains 30% after allowing a discount of 20% on the marked price of an article. Find his profit per cent if the articles are sold at a marked price allowing no discount.

Ans ✗ 1. 60.5%

✓ 2. 62.5%

✗ 3. 65.5%

✗ 4. 62%

Question ID : **26433063476**
Status : **Answered**
Chosen Option : **2**

Q.19 A baby stroller is sold for Rs.12,320 by allowing a discount of 30% on its marked price. Find the marked price of a baby stroller.

Ans ✗ 1. Rs.17,320

✓ 2. Rs.17,600

✗ 3. Rs.12,700

✗ 4. Rs.18,500

Question ID : **26433063701**
Status : **Answered**
Chosen Option : **2**

Q.20 A number is cube of 53. When 7 times of 57 is subtracted from the number, then the resultant number which is formed will be divisible by:

Ans ✗ 1. 19

✓ 2. 11

✗ 3. 13

✗ 4. 12

Question ID : **26433064953**
Status : **Answered**
Chosen Option : **2**

Q.21 How much chicory at Rs.5 per kg should be added to 10 kg of coffee at Rs.12 per kg so that the mixture will be worth Rs.7.50 per kg?

Ans ✓ 1. 18 kg

✗ 2. 22 kg

✗ 3. 15 kg

✗ 4. 20 kg

Question ID : **26433064006**
Status : **Answered**
Chosen Option : **1**

Q.22 The HCF of 72,108 and 360 is _____.

Ans ✗ 1. 1080

✓ 2. 36

✗ 3. 360

✗ 4. 72

Question ID : **26433061186**
Status : **Answered**
Chosen Option : **2**

Q.23 Find the fourth proportion of the following numbers.

$\frac{1}{3}$ of 18, $\frac{4}{5}$ of 20, $\frac{3}{7}$ of 28.

Ans ✗ 1. 27

✗ 2. 30

✓ 3. 32

✗ 4. 26

Question ID : **26433058677**
Status : **Answered**
Chosen Option : **3**

Q.24 Find the volume of a solid hemisphere whose diameter is 21 cm (use $\pi = \frac{22}{7}$).

Ans ✗ 1. 2423.5 cm^3

✗ 2. 2426.5 cm^3

✓ 3. 2425.5 cm^3

✗ 4. 2424.5 cm^3

Question ID : **26433058696**
Status : **Answered**
Chosen Option : **3**

Q.25 Amit earned a gain of 15% on selling his bike for Rs.80,500. At what price (in Rs.) would Amit have bought his bike?

Ans ✗ 1. Rs.78,000

✓ 2. Rs.70,000

✗ 3. Rs.68,000

✗ 4. Rs.75,000

Question ID : **26433063311**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 The Delhi Special Police Establishment (Amendment) Bill, 2021, passed by the parliament in December 2021, seeks to amend the Delhi Special Police Establishment Act, _____.

Ans ✓ 1. 1946

✗ 2. 1968

✗ 3. 1961

✗ 4. 1952

Question ID : **26433054432**
Status : **Answered**
Chosen Option : **3**

Q.2 Warm days and cold nights are characteristics of which type of weather in India?

Ans ✓ 1. Winters

✗ 2. Summers

✗ 3. Autumn

✗ 4. Spring

Question ID : **26433054053**
Status : **Answered**
Chosen Option : **2**

Q.3 Land which is left without cultivation for one or less than one agricultural year to let it recoup lost fertility through natural processes is called _____.

Ans ✓ 1. current fallow

✗ 2. culturable wasteland

✗ 3. permanent pastures

✗ 4. wastelands

Question ID : **26433076763**
Status : **Answered**
Chosen Option : **1**

Q.4 What is the motto of the Birmingham – 2022 Commonwealth Games?

Ans ✗ 1. United by Emotion

✗ 2. Faster, Higher, Stronger…. Together.

✗ 3. Ever onwards

✓ 4. Games for Everyone

Question ID : **26433054654**
Status : **Answered**
Chosen Option : **2**

Q.5 Which of the following describes 'gopurams'?

Ans ✘ 1. Stupa Gateways

✘ 2. Tomb Gateways

✔ 3. Temple Gateways

✘ 4. Church Gateways

Question ID : **26433054230**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Which of the following animals have the longest small intestine?

Ans ✔ 1. Herbivores

✘ 2. Carnivores

✘ 3. Scavengers

✘ 4. Omnivores

Question ID : **26433076775**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Which Part of the Constitution deals with Fundamental Rights?

Ans ✘ 1. Part-I

✔ 2. Part-III

✘ 3. Part-II

✘ 4. Part-IV

Question ID : **26433054081**
Status : **Answered**
Chosen Option : **4**

Q.8 Who among the following was one of the members of the fusion group 'Shakti' that performed worldwide?

Ans ✘ 1. Bickram Ghosh

✔ 2. Zakir Hussain

✘ 3. Anindo Chatterjee

✘ 4. Fiyaz Khan

Question ID : **26433054462**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Which of the following is an Indian classical dance form?

Ans ✘ 1. Natpuja

✘ 2. Dhimsa

✔ 3. Kathakali

✘ 4. Bihu

Question ID : **26433054207**
Status : **Answered**
Chosen Option : **3**

Q.10 'At the close of play' is an autobiography of which sportsperson?

Ans ✗ 1. Shahid Afridi

✓ 2. Ricky Ponting

✗ 3. Shane Warne

✗ 4. VVS Laxman

Question ID : **26433054371**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which Clause of the National Anti-Doping Bill gives National Anti-Doping Agency (NADA) the power of 'entry, search and seizure by any person authorised by the agency for the purpose of determining if any anti-doping rule violation has been committed'?

Ans ✓ 1. Clause 19

✗ 2. Clause 17

✗ 3. Clause 21

✗ 4. Clause 15

Question ID : **26433054428**
Status : **Not Answered**
Chosen Option : **--**

Q.12 In which Indian state is Jaitak Fort located?

Ans ✓ 1. Himachal Pradesh

✗ 2. Arunachal Pradesh

✗ 3. Maharashtra

✗ 4. Punjab

Question ID : **26433054363**
Status : **Answered**
Chosen Option : **1**

Q.13 Prior to being appointed as the Governor of Tamil Nadu in September 2021, R.N. Ravi was the governor of the state of _____.

Ans ✗ 1. Tripura

✓ 2. Nagaland

✗ 3. Sikkim

✗ 4. Mizoram

Question ID : **26433054447**
Status : **Answered**
Chosen Option : **3**

Q.14 Narendra Nath Datta, the prime follower of Ramakrishna Paramahamsa is also known as:

Ans ✗ 1. Swami Dayanand Sarasvati

✔ 2. Swami Vivekananda

✗ 3. Ishwar Chandra Vidyasagar

✗ 4. Swami Sahajanand

Question ID : **26433054301**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which of the following represents the unemployment rate?

Ans ✗ 1. The number of people employed divided by the by the eligible population

✔ 2. The number of people unemployed divided by the working population

✗ 3. The number of people unemployed divided by the total population

✗ 4. The number of people employed divided by the by the total population

Question ID : **26433065410**
Status : **Answered**
Chosen Option : **4**

Q.16 Who among the following leaders of British India became the first female Indian President of the Indian National Congress in 1925?

Ans ✗ 1. Annie Besant

✗ 2. Sucheta Kripalani

✗ 3. Madam Bhikaji Cama

✔ 4. Sarojini Naidu

Question ID : **26433065565**
Status : **Answered**
Chosen Option : **1**

Q.17 Who among the following Sultans of the Delhi sultanate started the practice of Sijda and Paibos?

Ans ✔ 1. Ghiyas ud din Balban

✗ 2. Shamsuddin Kayumars

✗ 3. Qutb-al-Din Aibak

✗ 4. Muiz-ud-Din Bahram

Question ID : **26433065519**
Status : **Answered**
Chosen Option : **1**

Q.18 DDT and plastic are:

Ans ✔ 1. non-biodegradable wastes

✘ 2. biodegradable wastes

✘ 3. chemical-based fertilisers

✘ 4. bio fertilisers

Question ID : **26433054041**
Status : **Answered**
Chosen Option : **1**

Q.19 The writer of Bhuddhacharita, Ashvaghosha, was the court poet of who among the following Kushana rulers?

Ans ✘ 1. Kujula Kadphises

✔ 2. Kanishka

✘ 3. Vasudeva

✘ 4. Vasishka

Question ID : **26433065511**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Which of the following statements is true about the number of 'million plus cities' in India during 2001 to 2011?

Ans ✔ 1. Increased from 35 to 53

✘ 2. Increased from 45 to 53

✘ 3. Decreased from 53 to 43

✘ 4. Decreased from 53 to 35

Question ID : **26433065401**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Which of the following harvest festivals is celebrated primarily in Maharashtra?

Ans ✘ 1. Lohri

✘ 2. Vishu

✔ 3. Pola

✘ 4. Bihu

Question ID : **26433054332**
Status : **Answered**
Chosen Option : **3**

Q.22 Which of the following festivals is NOT associated broadly with the Indian state of Jharkhand?

Ans ✗ 1. Sohrai

✗ 2. Sarhul

✓ 3. Vishu

✗ 4. Rohini

Question ID : **26433054152**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In which of the following events did India win the gold medal at the Olympics -2020?

Ans ✓ 1. Javelin throw

✗ 2. Tennis

✗ 3. Hockey

✗ 4. Badminton

Question ID : **26433054647**
Status : **Answered**
Chosen Option : **1**

Q.24 Which of the following mirrors can be used in places where bigger objects are to be viewed in a smaller size?

Ans ✗ 1. Cylindrical mirror

✗ 2. Plane mirror

✓ 3. Convex mirror

✗ 4. Concave mirror

Question ID : **26433054004**
Status : **Answered**
Chosen Option : **4**

Q.25 According to Basic Road Statistics of India 2017-2018, which state has the largest share (according to length) of National Highways in India?

Ans ✓ 1. Maharashtra

✗ 2. Gujarat

✗ 3. Karnataka

✗ 4. Tamil Nadu

Question ID : **26433067144**
Status : **Answered**
Chosen Option : **1**

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