

Exam Date	05/08/2022
Exam Time	2:30 PM - 3:30 PM
Subject	Selection Post Phase X Graduate Level

Section : General Intelligence

**Q.1** In a certain code language, 'CAMERA' is written as 'NBDBSF' and 'DOCTOR' is written as 'DPESPU'. How will 'CHURCH' be written in that language?

Ans ☒ 1. VIDIDS

☐ 2. VIDSDI

☐ 3. VIDSID

☐ 4. VIDDIS

Question ID : 26433077664

Status : Answered

Chosen Option : 1

**Q.2** Select the option that represents the correct order of the given words as they would appear in an English dictionary.(Note: the given words may or may not be meaningful words).

1.Fancy

2.Faith

3.Fabric

4.Failure

5.Familiar

Ans ☐ 1. 4, 3, 2, 5, 1

☐ 2. 4, 3, 1, 5, 2

☒ 3. 3, 4, 2, 5, 1

☐ 4. 3, 4, 1, 5, 2

Question ID : 26433078073

Status : Answered

Chosen Option : 3

**Q.3** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(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)

(7, 1, 72)

(5, 2, 18)

Ans ☒ 1. (3, 1, 8)

☐ 2. (2, 1, 6)

☐ 3. (7, 5, 45)

☐ 4. (4, 2, 12)

Question ID : 26433078767

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(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.)

Admit : Deny

- Ans
- ☒ 1. Book : Pages
  - ☒ 2. Nurse : Hospital
  - ☒ 3. Mistake : Error
  - ☒ 4. Apart : Together

Question ID : 26433077423

Status : Answered

Chosen Option : 4

Q.5 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 26433078345

Status : Answered

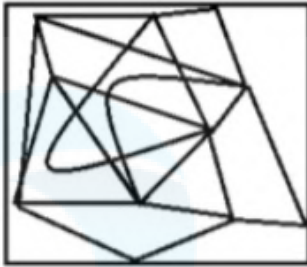
Chosen Option : 4

Q.6 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

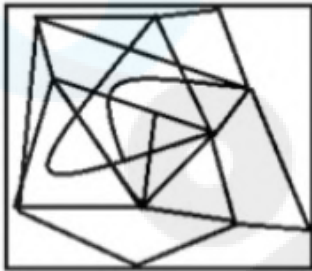


Ans

✓ 1.



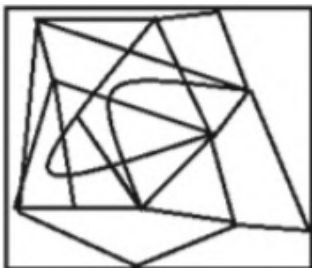
✗ 2.



✗ 3.



✗ 4.



Question ID : 26433078496

Status : Answered

Chosen Option : 1

Q.7 In a certain code language, 'KITCHEN' is written as 'OQFWRUL' and 'COOKER' is written as 'WKKOUH'. How will 'CUTTER' be written in that language?

Ans ✗ 1. WFUFHE

✗ 2. FFUHW

✓ 3. WEFFUH

✗ 4. UHFFWE

Question ID : 26433070332

Status : Answered

Chosen Option : 3

Q.8 In a certain code language, 'EASILY' is written as '142', 'ESCAPE' is written as '98', how will 'FAMILY' be written in that language?

- Ans
- ☒ 1. 132
  - ☐ 2. 130
  - ☐ 3. 120
  - ☐ 4. 66

Question ID : 26433078110  
Status : Answered  
Chosen Option : 1

Q.9 Select the option that represents the letters which when sequentially placed from left to right in the blanks below will complete the letter series.  
L \_ J \_ G \_ K \_ H G \_ K J H \_ L \_ \_ H G

- Ans
- ☐ 1. K I L K L H K J
  - ☐ 2. K I L K L G K I
  - ☐ 3. K I L J L G K J
  - ☒ 4. K H L J L G K J

Question ID : 26433067540  
Status : Answered  
Chosen Option : 3

Q.10 'A # B' means 'A is the brother of B'.  
'A @ B' means 'A is the daughter of B'.  
'A & B' means 'A is the husband of B'.  
'A % B' means 'A is the wife of B'.  
If V & S @ F % H # T & Q, then how is S related to H?

- Ans
- ☒ 1. Daughter
  - ☐ 2. Husband's wife
  - ☐ 3. Mother
  - ☐ 4. Sister

Question ID : 26433078237  
Status : Answered  
Chosen Option : 1

Q.11 In a certain code language, 'CHILD' is written as 'YTSPX' and 'ADULT' is written as 'AXGPH'. How will 'YOUNG' be written in that language?

- Ans
- ☐ 1. CNGNU
  - ☐ 2. CMGMV
  - ☐ 3. CMGNV
  - ☒ 4. CMGNU

Question ID : 26433078112  
Status : Answered  
Chosen Option : 4

**Q.12** Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(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.)

Hockey : Stick

Ans ☒ 1. Chess : Room

☒ 2. Pool : Cue

☒ 3. Court : Badminton

☒ 4. Field : Cricket

Question ID : 26433077414

Status : Answered

Chosen Option : 2

**Q.13** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some bulbs are tube lights.

Some tube lights are switches.

No switches are wires.

Conclusions:

I. Some tube lights are bulbs.

II. No switch is bulb.

III. No wire is tube light

Ans ☒ 1. Only conclusion I follows

☒ 2. Only conclusions I and II follow

☒ 3. Only conclusions I and III follow

☒ 4. Only conclusions II and III follow

Question ID : 26433077801

Status : Answered

Chosen Option : 1

**Q.14** Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Assured

2. Atmosphere

3. Associated

4. Astronaut

5. Attract

6. Attention

Ans ☒ 1. 3, 1, 4, 2, 6, 5

☒ 2. 3, 1, 4, 2, 5, 6

☒ 3. 3, 1, 4, 6, 2, 5

☒ 4. 3, 1, 2, 4, 6, 5

Question ID : 26433078139

Status : Answered

Chosen Option : 1

Q.15 Pointing towards a man, Joshua said, "He is the father of my father's brother's wife's son's sister." How is that man related to Joshua?

- Ans ☒ 1. Son  
☒ 2. Father's brother  
☒ 3. Father's father  
☒ 4. Father

Question ID : 26433067585  
Status : Answered  
Chosen Option : 3

Q.16 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.)  
Lizard : Crawl :: Snake : ? \_\_\_\_\_

- Ans ☒ 1. Gallop  
☒ 2. Slither  
☒ 3. Slide  
☒ 4. Jump

Question ID : 26433067556  
Status : Answered  
Chosen Option : 2

Q.17 Which letter-cluster will replace the question mark (?) and complete the given series?  
MCRV, PFQU, ?, VLOS, YONR

- Ans ☒ 1. SIQT  
☒ 2. SIPT  
☒ 3. SHPR  
☒ 4. SIQP

Question ID : 26433078208  
Status : Answered  
Chosen Option : 1

Q.18 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

Statements:

All biscuits are candies.  
All candies are chocolates.  
All chocolates are snacks.

Conclusions:

(I) All chocolates are biscuits.  
(II) Some snacks are candies.  
(III) All snacks are chocolates.

- Ans ☒ 1. Conclusions I, II and III follow.  
☒ 2. Either conclusion I or conclusion III follows  
☒ 3. Only conclusion II follows.  
☒ 4. Only conclusion I follows

Question ID : 26433078153  
Status : Answered  
Chosen Option : 3

Q.19 In a certain code language, 'BEAUTY' is written as 'CGDXST' and CAMERA' is written as 'OCEZQD'. How will 'BELONG' be written in that language?

- Ans
- ☒ 1. NGDFNM
  - ☒ 2. NGDMNF
  - ☒ 3. NGDFMN
  - ☒ 4. NGDNMF

Question ID : 26433077665

Status : Answered

Chosen Option : 3

Q.20 In a certain code language, 'CRAFTED' is written as 'ETYHVCF' and 'IMAGE' is written as 'GOYIC'. How will 'HAUNT' be written in that language?

- Ans
- ☒ 1. JCWPV
  - ☒ 2. JYSPV
  - ☒ 3. JYSNV
  - ☒ 4. JYWPV

Question ID : 26433067570

Status : Answered

Chosen Option : 3

Q.21 Which of the following numbers will replace the question mark (?) in the given series?

14, 23, 38, 59, ?, 119

- Ans
- ☒ 1. 92
  - ☒ 2. 82
  - ☒ 3. 97
  - ☒ 4. 86

Question ID : 26433078691

Status : Answered

Chosen Option : 4

Q.22 Which two numbers (not the digits of the numbers) and two signs should be interchanged to make the given equation correct?

$19 - 2 + 4 \div 5 \times 4 = 27$

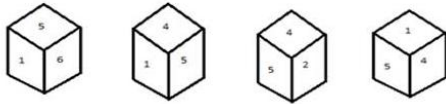
- Ans
- ☒ 1. 5, 2 and  $\div$ , +
  - ☒ 2. 5, 2 and  $\div$ , -
  - ☒ 3. 4, 2 and  $\div$ , -
  - ☒ 4. 4, 2 and  $\div$ , +

Question ID : 26433069191

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.23** Four different positions of the same dice are shown. Select the number that will be on the face opposite to the one having '5'.



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

Question ID : 26433078352  
Status : Answered  
Chosen Option : 4

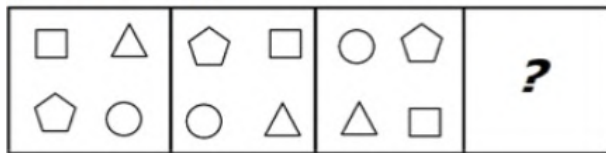
**Q.24** Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.  
FLOWER : DJMUCP :: GARDEN : EYPBCL :: FOREST : ?

- Ans
- ☒ 1. DMPCQR
  - ☒ 2. DPCQRM
  - ☒ 3. DCQRMP
  - ☒ 4. DMQRPC

Question ID : 26433078001  
Status : Not Attempted and Marked For Review  
Chosen Option : --

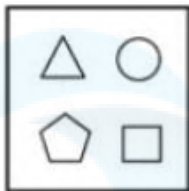


Q.25 Select a suitable figure from the answer figures which would replace the question mark (?).

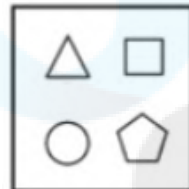


Ans

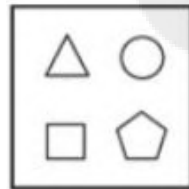
✗ 1.



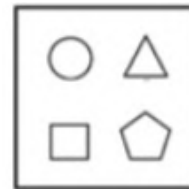
✗ 2.



✓ 3.



✗ 4.



Question ID : 26433078513

Status : Answered

Chosen Option : 3

Section : English Language

Q.1 Select the INCORRECTLY spelt word in the following sentence.

The student's incautious rebuttal illustrated not only his arrogance and ignorance, but also created an embarrassing moment for the entire class.

Ans ✗ 1. ignorance

✗ 2. incautious

✓ 3. embarrassing

✗ 4. rebuttal

Question ID : 26433060811

Status : Answered

Chosen Option : 4

**Q.2** Select the option that expresses the given sentence in passive voice.

Donna posted an article on health care.

- Ans
- ☒ 1. An article on health care is being posted by Donna.
  - ☒ 2. An article on health care was been posted by Donna.
  - ☒ 3. An article on health care was posted by Donna.
  - ☒ 4. An article on health care is posted by Donna.

Question ID : 26433065231

Status : Answered

Chosen Option : 3

**Q.3** Select the option that can be used as a one-word substitute for the given group of words.

Really coming from its stated, advertised or reputed source

- Ans
- ☒ 1. Genuine
  - ☒ 2. Insincere
  - ☒ 3. Fake
  - ☒ 4. Bogus

Question ID : 26433060489

Status : Answered

Chosen Option : 1

**Q.4** Select the most appropriate synonym of the given word.

EMBELLISH

- Ans
- ☒ 1. decrease
  - ☒ 2. decorate
  - ☒ 3. simplify
  - ☒ 4. reduce

Question ID : 26433076781

Status : Answered

Chosen Option : 2

**Q.5** Select the most appropriate meaning of the given idiom.

Pull someone's leg

- Ans
- ☒ 1. To play with someone
  - ☒ 2. To quarrel with someone
  - ☒ 3. To joke with someone
  - ☒ 4. To make friendship with someone

Question ID : 26433058592

Status : Answered

Chosen Option : 2

Q.6 Select the most appropriate option to fill in the blanks.

Sugar \_\_\_\_\_ in water because it is made up of molecules of sucrose, a compound held together by relatively weak bonds. When the sucrose molecules mix with water, the water molecules \_\_\_\_\_ and break the bonds holding together the sugar molecule.

- Ans
- ☒ 1. soften; grid
  - ☒ 2. vanish; limit
  - ☒ 3. disappear; edge
  - ☒ 4. melts; surround

Question ID : 26433060869  
Status : Answered  
Chosen Option : 3

Q.7 Select the option that expresses the given sentence in passive voice.

My father had to attend the meeting on Saturday.

- Ans
- ☒ 1. The meeting had been attended by my father on Saturday.
  - ☒ 2. The meeting has to be attended by my father on Saturday.
  - ☒ 3. The meeting had been to be attended by my father on Saturday.
  - ☒ 4. The meeting had to be attended by my father on Saturday.

Question ID : 26433058621  
Status : Answered  
Chosen Option : 4

Q.8 Select the option that expresses the given sentence in indirect speech.

His father asked, "What time do you have class tomorrow, Tom?"

- Ans
- ☒ 1. Tom's father asked him what time he had class the next day.
  - ☒ 2. Tom's father asked what time he has class tomorrow.
  - ☒ 3. Tom's father asked him what time he was having class tomorrow.
  - ☒ 4. Tom's father asked him what tomorrow class timing are.

Question ID : 26433071901  
Status : Answered  
Chosen Option : 3

Q.9 Parts of the given sentence have been given as options. One of them contains a spelling error. Select the option that rectifies the error.

At some point in your life, you may have met a person who had a stamer or speech impediment.

- Ans
- ☒ 1. stammer
  - ☒ 2. spech
  - ☒ 3. meet
  - ☒ 4. impidiment

Question ID : 26433059573  
Status : Answered  
Chosen Option : 3

Q.10 Select the option that will improve the underlined part of the given sentence.

Tarika dances swiftest than others and misses all the steps.

- Ans
- ☐ 1. Swiftly
  - ☐ 2. Swiftiest
  - ☐ 3. Swift
  - ☒ 4. Swifter

Question ID : 26433058957

Status : Answered

Chosen Option : 1

Q.11 Select the most appropriate ANTONYM of the word kindness from the given sentence:

Laboni is a perfect combination of intelligence, kindness, honesty, and patience and feels no animosity towards others.

- Ans
- ☐ 1. honesty
  - ☒ 2. animosity
  - ☐ 3. patience
  - ☐ 4. intelligence

Question ID : 26433058554

Status : Answered

Chosen Option : 2

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

Stereotypes may be used to justify ill-founded \_\_\_\_\_ or ignorance, and prevent people of stereotyped groups from entering or succeeding in various activities or fields.

- Ans
- ☐ 1. conclusions
  - ☐ 2. thoughts
  - ☒ 3. prejudices
  - ☐ 4. problems

Question ID : 26433060771

Status : Answered

Chosen Option : 3

Q.13 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Harish took a broom and started to dust in floor.

- Ans
- ☐ 1. No improvement required
  - ☐ 2. dust a floor
  - ☒ 3. dust the floor
  - ☐ 4. dusting the floor

Question ID : 26433060763

Status : Answered

Chosen Option : 1

**Q.14** Select the option that expresses the given sentence in passive voice.

**I have published many research papers.**

- Ans** ☒ 1. Many research papers were published by me.  
☒ 2. Many research papers are published by me.  
☒ 3. Many research papers have been published by me.  
☒ 4. Many research papers had been published by me.

Question ID : 26433059510

Status : **Answered**

Chosen Option : 3

**Q.15** Select the option that can be used as a one-word substitute for the given group of words.

**An expert in writing by hand**

- Ans** ☒ 1. Obstetrician  
☒ 2. Chirographer  
☒ 3. Funambulist  
☒ 4. Endodontist

Question ID : 26433060829

Status : **Answered**

Chosen Option : 2

**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.

A (1) \_\_\_\_\_ thunderstorm rolled across the Delta before dawn, and Sam was (2) \_\_\_\_\_ by the crack of lightning. He heard raindrops dropping hard against the open windows above the hallway. Then he heard them drip and (3) \_\_\_\_\_ against the wall under the windows not far from his cell. The (4) \_\_\_\_\_ of his bed was suddenly cool. Maybe today (5) \_\_\_\_\_ not be so hot.

**SubQuestion No : 16**

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

- Ans** ☒ 1. soft  
☒ 2. loud  
☒ 3. mild  
☒ 4. proud

Question ID : 26433058763

Status : **Answered**

Chosen Option : 2

**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.

A (1) \_\_\_\_\_ thunderstorm rolled across the Delta before dawn, and Sam was (2) \_\_\_\_\_ by the crack of lightning. He heard raindrops dropping hard against the open windows above the hallway. Then he heard them drip and (3) \_\_\_\_\_ against the wall under the windows not far from his cell. The (4) \_\_\_\_\_ of his bed was suddenly cool. Maybe today (5) \_\_\_\_\_ not be so hot.

**SubQuestion No : 17**

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

Ans ☒ 1. awakened

☐ 2. cracked

☐ 3. broken

☐ 4. shakened

Question ID : 26433058764

Status : Answered

Chosen Option : 1

**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.

A (1) \_\_\_\_\_ thunderstorm rolled across the Delta before dawn, and Sam was (2) \_\_\_\_\_ by the crack of lightning. He heard raindrops dropping hard against the open windows above the hallway. Then he heard them drip and (3) \_\_\_\_\_ against the wall under the windows not far from his cell. The (4) \_\_\_\_\_ of his bed was suddenly cool. Maybe today (5) \_\_\_\_\_ not be so hot.

**SubQuestion No : 18**

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

Ans ☐ 1. cuddle

☐ 2. cry

☒ 3. puddle

☐ 4. sleep

Question ID : 26433058765

Status : Answered

Chosen Option : 1

**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.

A (1) \_\_\_\_\_ thunderstorm rolled across the Delta before dawn, and Sam was (2) \_\_\_\_\_ by the crack of lightning. He heard raindrops dropping hard against the open windows above the hallway. Then he heard them drip and (3) \_\_\_\_\_ against the wall under the windows not far from his cell. The (4) \_\_\_\_\_ of his bed was suddenly cool. Maybe today (5) \_\_\_\_\_ not be so hot.

**SubQuestion No : 19**

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

Ans ☐ 1. stiffness

☐ 2. openness

☒ 3. dampness

☐ 4. softness

Question ID : 26433058766

Status : Answered

Chosen Option : 4

**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.

A (1) \_\_\_\_\_ thunderstorm rolled across the Delta before dawn, and Sam was (2) \_\_\_\_\_ by the crack of lightning. He heard raindrops dropping hard against the open windows above the hallway. Then he heard them drip and (3) \_\_\_\_\_ against the wall under the windows not far from his cell. The (4) \_\_\_\_\_ of his bed was suddenly cool. Maybe today (5) \_\_\_\_\_ not be so hot.

**SubQuestion No : 20**

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

- Ans ☒ 1. cannot  
☒ 2. would  
☒ 3. will be  
☒ 4. could

Question ID : 26433058767

Status : Answered

Chosen Option : 2

**Comprehension:**

Read the given passage and answer the questions that follow.

Residents of Bhavanpur, a village about 15 km outside Ahmedabad, have been protesting against their inclusion in the city's urban area by the local urban development authority. Similar protests have been observed in villages elsewhere in Gujarat. It's a strange trend, the fruits of urban development seemingly rejected. Meanwhile, pollution in India's urban areas seems to have sparked off a reverse migration. Farmers from Haryana who had migrated to Delhi and Gurugram for work to escape an agricultural crisis are increasingly going back to their farms during winter, unable to take the toxic pollution. And it's not just big cities. India's urbanisation template is clearly ripe for change. Over 34% of India's current population lives in urban areas, rising by 3% since 2011. More importantly, while existing large urban agglomerations (those with a population above 50 lakh) have remained mostly constant in number since 2005, smaller clusters have risen significantly (from 34 to 50 clusters with 10-50 lakh population). By some estimates, India's urban population could increase to 814 million by 2050. And yet, cities look and feel downtrodden, driven with poverty and poor infrastructure, with little semblance of urban planning. With an increase in urban population will come rising demands for basic services such as clean water, public transportation, sewage treatment and housing.

**SubQuestion No : 21**

**Q.21** What does the term 'reverse migration' refer to?

- Ans ☒ 1. It refers to the process of people's going back to their villages from the cities.  
☒ 2. It refers to the increasing pollution in the big cities of Delhi and Gurugram.  
☒ 3. It refers to the urgent need to change and reverse the template of urbanisation.  
☒ 4. It refers to the lonely, poverty-ridden cities with a poor infrastructure.

Question ID : 26433059475

Status : Answered

Chosen Option : 1

**Comprehension:**

Read the given passage and answer the questions that follow.

Residents of Bhavanpur, a village about 15 km outside Ahmedabad, have been protesting against their inclusion in the city's urban area by the local urban development authority. Similar protests have been observed in villages elsewhere in Gujarat. It's a strange trend, the fruits of urban development seemingly rejected. Meanwhile, pollution in India's urban areas seems to have sparked off a reverse migration. Farmers from Haryana who had migrated to Delhi and Gurugram for work to escape an agricultural crisis are increasingly going back to their farms during winter, unable to take the toxic pollution. And it's not just big cities. India's urbanisation template is clearly ripe for change. Over 34% of India's current population lives in urban areas, rising by 3% since 2011. More importantly, while existing large urban agglomerations (those with a population above 50 lakh) have remained mostly constant in number since 2005, smaller clusters have risen significantly (from 34 to 50 clusters with 10-50 lakh population). By some estimates, India's urban population could increase to 814 million by 2050. And yet, cities look and feel downtrodden, driven with poverty and poor infrastructure, with little semblance of urban planning. With an increase in urban population will come rising demands for basic services such as clean water, public transportation, sewage treatment and housing.

**SubQuestion No : 22**

**Q.22 Why is the template of urban development NOT working successfully ?**

- Ans ☒ 1. It could be because of the practice of reverse migration.
- ☒ 2. It could be because of the lack of good urban planning.
- ☒ 3. It could be because of the forlorn, downtrodden, poverty-stricken cities.
- ☒ 4. It could be because of the rising protests of the villagers.

Question ID : 26433059477

Status : Answered

Chosen Option : 3

**Comprehension:**

Read the given passage and answer the questions that follow.

Residents of Bhavanpur, a village about 15 km outside Ahmedabad, have been protesting against their inclusion in the city's urban area by the local urban development authority. Similar protests have been observed in villages elsewhere in Gujarat. It's a strange trend, the fruits of urban development seemingly rejected. Meanwhile, pollution in India's urban areas seems to have sparked off a reverse migration. Farmers from Haryana who had migrated to Delhi and Gurugram for work to escape an agricultural crisis are increasingly going back to their farms during winter, unable to take the toxic pollution. And it's not just big cities. India's urbanisation template is clearly ripe for change. Over 34% of India's current population lives in urban areas, rising by 3% since 2011. More importantly, while existing large urban agglomerations (those with a population above 50 lakh) have remained mostly constant in number since 2005, smaller clusters have risen significantly (from 34 to 50 clusters with 10-50 lakh population). By some estimates, India's urban population could increase to 814 million by 2050. And yet, cities look and feel downtrodden, driven with poverty and poor infrastructure, with little semblance of urban planning. With an increase in urban population will come rising demands for basic services such as clean water, public transportation, sewage treatment and housing.

**SubQuestion No : 23**

**Q.23 What was the protest of the residents of Bhavanpur about?**

- Ans ☒ 1. Their demands were for basic services such as clean water, public transportation, sewage treatment and housing.
- ☒ 2. They did not wish to be excluded from the city's urban area.
- ☒ 3. They were protesting against the pollution in India's urban areas.
- ☒ 4. They did not want to be included in the city's urban area.

Question ID : 26433059473

Status : Answered

Chosen Option : 3



**Comprehension:**

Read the given passage and answer the questions that follow.

Residents of Bhavanpur, a village about 15 km outside Ahmedabad, have been protesting against their inclusion in the city's urban area by the local urban development authority. Similar protests have been observed in villages elsewhere in Gujarat. It's a strange trend, the fruits of urban development seemingly rejected. Meanwhile, pollution in India's urban areas seems to have sparked off a reverse migration. Farmers from Haryana who had migrated to Delhi and Gurugram for work to escape an agricultural crisis are increasingly going back to their farms during winter, unable to take the toxic pollution. And it's not just big cities. India's urbanisation template is clearly ripe for change. Over 34% of India's current population lives in urban areas, rising by 3% since 2011. More importantly, while existing large urban agglomerations (those with a population above 50 lakh) have remained mostly constant in number since 2005, smaller clusters have risen significantly (from 34 to 50 clusters with 10-50 lakh population). By some estimates, India's urban population could increase to 814 million by 2050. And yet, cities look and feel downtrodden, driven with poverty and poor infrastructure, with little semblance of urban planning. With an increase in urban population will come rising demands for basic services such as clean water, public transportation, sewage treatment and housing.

**SubQuestion No : 24**

**Q.24** What are the views of the author of the passage?

- Ans ☒ 1. Author regrets that most of the population is moving towards the cities.
- ☒ 2. The author underlines the urgent need to rework the template of urbanisation.
- ☒ 3. Author sounds positive about increasing urbanisation among villagers.
- ☒ 4. The author points out that the process of urbanisation cannot be reversed.

Question ID : 26433059476

Status : Answered

Chosen Option : 2

**Comprehension:**

Read the given passage and answer the questions that follow.

Residents of Bhavanpur, a village about 15 km outside Ahmedabad, have been protesting against their inclusion in the city's urban area by the local urban development authority. Similar protests have been observed in villages elsewhere in Gujarat. It's a strange trend, the fruits of urban development seemingly rejected. Meanwhile, pollution in India's urban areas seems to have sparked off a reverse migration. Farmers from Haryana who had migrated to Delhi and Gurugram for work to escape an agricultural crisis are increasingly going back to their farms during winter, unable to take the toxic pollution. And it's not just big cities. India's urbanisation template is clearly ripe for change. Over 34% of India's current population lives in urban areas, rising by 3% since 2011. More importantly, while existing large urban agglomerations (those with a population above 50 lakh) have remained mostly constant in number since 2005, smaller clusters have risen significantly (from 34 to 50 clusters with 10-50 lakh population). By some estimates, India's urban population could increase to 814 million by 2050. And yet, cities look and feel downtrodden, driven with poverty and poor infrastructure, with little semblance of urban planning. With an increase in urban population will come rising demands for basic services such as clean water, public transportation, sewage treatment and housing.

**SubQuestion No : 25**

**Q.25** How much percentage of India's current population lives in rural areas?

- Ans ☒ 1. Around 34%
- ☒ 2. More than 70%
- ☒ 3. Less than 70%
- ☒ 4. Around 86%

Question ID : 26433059474

Status : Answered

Chosen Option : 3

Q.1 If  $\cos\theta = \sin(2\theta) \neq 0$ , what is the value of  $\cos^4\theta + \sin^4\theta + \cos^3\theta + \sin^3\theta + \sin^2\theta + \cos^2\theta + \sin\theta + \cos\theta$ ?

Ans

☐ 1.  $\frac{8 + 7\sqrt{3}}{18}$

☒ 2.  $\frac{18 + 7\sqrt{3}}{8}$

☐ 3.  $\frac{18 + 8\sqrt{3}}{7}$

☐ 4.  $\frac{7 + 18\sqrt{3}}{8}$

Question ID : 26433061330

Status : Answered

Chosen Option : 1

Q.2 A retailer offers the following discount schemes for buyers on an item.

i) Two successive discount of 20%.

ii) A discount of 25% followed by a discount of 15%.

iii) A discount of 40%.

Under which scheme(s) will the selling price be minimum?

Ans

☒ 1. iii

☐ 2. ii

☐ 3. i and ii

☐ 4. i

Question ID : 26433056316

Status : Answered

Chosen Option : 1

Q.3 Find the value of  $x^3 - \frac{1}{x^3}$  when  $x - \frac{1}{x} = 5$ .

Ans

☐ 1. 150

☐ 2. 100

☐ 3. 125

☒ 4. 140

Question ID : 26433057172

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.4 Which of the following is a prime number?

Ans

☐ 1. 161

☐ 2. 391

☐ 3. 437

☒ 4. 373

Question ID : 26433063371

Status : Answered

Chosen Option : 4

Q.5 If  $y + \frac{1}{y} = \sqrt{5}$ , then the value of  $y^6 + \frac{1}{y^6}$  is:

Ans ☒ 1. 18

☐ 2. 15

☐ 3. 10

☐ 4. 12

Question ID : 26433058187

Status : Marked For Review

Chosen Option : 1

Q.6 A and B can separately finish a work in 15 and 20 days, respectively. A starts the work and B joins him from the fifth day. How much time will it take to finish the complete work?

Ans ☐ 1.  $11\frac{3}{7}$  days

☐ 2. 10 days

☒ 3.  $10\frac{2}{7}$  days

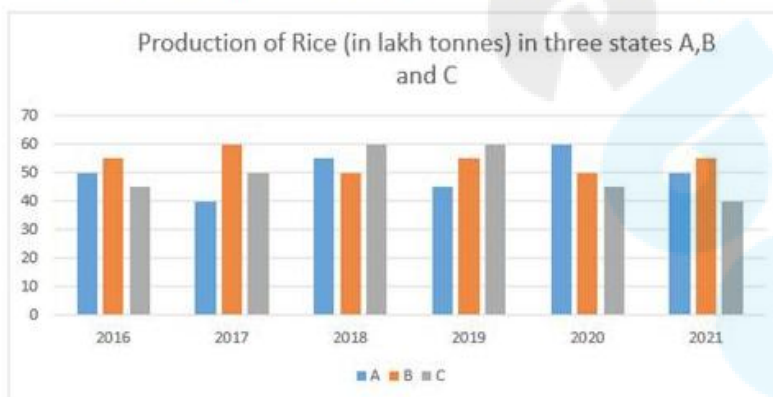
☐ 4. 11 days

Question ID : 26433061694

Status : Answered

Chosen Option : 3

Q.7 Study the given graph and answer the question that follows.



During 2016 to 2021, for which year is the production of rice highest?

Ans ☐ 1. 2020

☒ 2. 2018

☐ 3. 2019

☐ 4. 2021

Question ID : 26433065104

Status : Answered

Chosen Option : 2

Q.8 The least value of  $\cos \theta \sin \theta$  is:

- Ans
- ☐ 1.  $(-1)$
  - ☐ 2.  $(\frac{1}{2})$
  - ☐ 3.  $0$
  - ☒ 4.  $(-\frac{1}{2})$

Question ID : 26433056354

Status : Answered

Chosen Option : 3

Q.9 Mukesh sells 80% part of a commodity at a profit of 20% and rest of the part at a loss of 5% and in this way earns a profit of ₹9,300. What was the cost price of the commodity for Mukesh?

- Ans
- ☐ 1. ₹61,000
  - ☒ 2. ₹62,000
  - ☐ 3. ₹60,000
  - ☐ 4. ₹58,000

Question ID : 26433061660

Status : Answered

Chosen Option : 3

Q.10 Joy and Kat run around a circular track of length 1100 m in opposite directions with initial speed of 6 m/sec and 4 m/sec, respectively. Starting from the same point whenever they meet, Joy's speed halves and Kat's speed doubles. After how much time from the beginning will they meet for the second time?

- Ans
- ☐ 1. 190 sec
  - ☒ 2. 210 sec
  - ☐ 3. 220 sec
  - ☐ 4. 200 sec

Question ID : 26433061691

Status : Marked For Review

Chosen Option : 3

Q.11 At a workplace, one man alone can complete a work in 32 days. If the entire staff, i.e., 6 women and 4 men can complete the work in 6 days, how many days will one woman alone take to complete the entire work?

- Ans
- ☐ 1. 86
  - ☒ 2. 144
  - ☐ 3. 244
  - ☐ 4. 154

Question ID : 26433057153

Status : Answered

Chosen Option : 2

**Q.12** Find the ratio of the curved surface area to the total surface area of a cylinder with diameter of base 14 cm and height 10 cm.

- Ans
- ☐ 1.  $\frac{11}{17}$
  - ☐ 2.  $\frac{5}{17}$
  - ☐ 3.  $\frac{13}{17}$
  - ☒ 4.  $\frac{10}{17}$

Question ID : 26433061703

Status : Answered

Chosen Option : 3

**Q.13** P buys an article for Rs.280 and sells it to Q at a profit of 25%. Q sells it to R at some profit. R sells it to S for Rs.560 making a profit of 40%. What percentage profit (rounded off to the nearest integer) did Q make?

- Ans
- ☐ 1. 26 Percent
  - ☒ 2. 14 Percent
  - ☐ 3. 32 Percent
  - ☐ 4. 20 Percent

Question ID : 26433063207

Status : Answered

Chosen Option : 3

**Q.14** Study the given table and answer the question that follows.

The table shows the production (in thousands) of four different types of tractors by a company during five years.

Year/Tractor Type	Type – A	Type – B	Type – C	Type – D
2010	18	25	12	19
2011	15	24	14	10
2012	23	13	17	13
2013	17	23	12	11
2014	14	26	20	18

Which type of tractor has same production in the years 2010 and 2013?

- Ans
- ☐ 1. Type – B
  - ☒ 2. Type – C
  - ☐ 3. Type – A
  - ☐ 4. Type – D

Question ID : 26433061695

Status : Answered

Chosen Option : 2

**Q.15** What is the average of the following observations?  
2.5, 3.25, 4.75, 7.5, 3, 4, 3

- Ans
- ☐ 1. 3.5
  - ☐ 2. 4.18
  - ☐ 3. 4.5
  - ☒ 4. 4

Question ID : 26433058196

Status : Answered

Chosen Option : 4

Q.16 What is the fourth proportional of 21, 56 and 27?

- Ans ☒ 1. 72  
☐ 2. 81  
☐ 3. 54  
☐ 4. 96

Question ID : 26433063332  
Status : Answered  
Chosen Option : 1

Q.17 Only two candidate were contesting against each other in an election of a village. One candidate got 43.5% votes and was defeated by 3744 votes. How many votes did the winning candidate get?

- Ans ☐ 1. 16500  
☒ 2. 16272  
☐ 3. 15275  
☐ 4. 16200

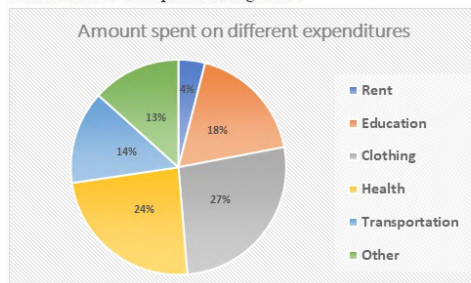
Question ID : 26433061651  
Status : Answered  
Chosen Option : 3

Q.18 If  $P = \frac{x^2 - 100}{x^2 - 16}$  and  $Q = \frac{x + 10}{x - 4}$ , then the value of  $\frac{P}{Q}$  is:

- Ans ☐ 1.  $\frac{x + 10}{x + 4}$   
☒ 2.  $\frac{x - 10}{x + 4}$   
☐ 3.  $\frac{x + 10}{x - 4}$   
☐ 4.  $\frac{x - 10}{x - 4}$

Question ID : 26433058182  
Status : Answered  
Chosen Option : 1

Q.19 The following figure shows the expenditures incurred by Rohan in different heads. Rohan has a monthly income of ₹50,000 out of which he spends 60% on different expenditures. What is the total expenditure (in ₹) incurred on Health, Education and Transportation together?



- Ans ☒ 1. Rs.16,800  
☐ 2. Rs.15,800  
☐ 3. Rs.28,000  
☐ 4. Rs.18,000

Question ID : 26433063353  
Status : Answered  
Chosen Option : 3

Q.20 What is the third proportional of 6 and 18?

- Ans
- ☐ 1. 36
  - ☐ 2. 42
  - ☒ 3. 54
  - ☐ 4. 48

Question ID : 26433058226  
Status : Answered  
Chosen Option : 3

Q.21 The mean weight (in kg) of four students is 30. The weights of three of them are 42 kg, 28 kg, and 24 kg. What is the weight (in kg) of the fourth student?

- Ans
- ☐ 1. 25
  - ☒ 2. 26
  - ☐ 3. 32
  - ☐ 4. 41

Question ID : 26433058197  
Status : Answered  
Chosen Option : 3

Q.22 ₹21,000 is lent at compound interest of 10% p.a. for three years. Find the amount.

- Ans
- ☒ 1. ₹27,951
  - ☐ 2. ₹6,951
  - ☐ 3. ₹27,000
  - ☐ 4. ₹28,951

Question ID : 26433061680  
Status : Answered  
Chosen Option : 3

Q.23 A student wants to know the area of a rhombus, one of whose diagonals is 6 cm. He measures another diagonal as 8 cm. What is the area of the rhombus?

- Ans
- ☐ 1.  $25 \text{ cm}^2$
  - ☐ 2.  $20 \text{ cm}^2$
  - ☒ 3.  $24 \text{ cm}^2$
  - ☐ 4.  $48 \text{ cm}^2$

Question ID : 26433057154  
Status : Answered  
Chosen Option : 2

Q.24 A person received a yearly salary hike of 15%, 20%, and 25% in 3 successive years. What is the total salary of the person after 3 years if his initial salary was Rs.20,000?

- Ans
- ☐ 1. Rs.30,000
  - ☐ 2. Rs.35,000
  - ☐ 3. Rs.32,500
  - ☒ 4. Rs.34,500

Question ID : 26433058399  
Status : Answered  
Chosen Option : 3

**Q.25** The sum of three prime numbers is 90. If one of them exceeds another by 30, then one of the numbers is:

- Ans
- ☐ 1. 41
  - ☐ 2. 67
  - ☐ 3. 47
  - ☒ 4. 59

Question ID : 26433063373  
Status : Answered  
Chosen Option : 3

Section : General Awareness

**Q.1** Which is NOT correct about the Directive Principles of the State Policy?

- Ans
- ☐ 1. They are mentioned in Part IV of the Constitution of India.
  - ☐ 2. They aim to establish a welfare state in India.
  - ☐ 3. They are a novel feature of the Constitution of India.
  - ☒ 4. They are justiciable in nature.

Question ID : 26433077130  
Status : Answered  
Chosen Option : 4

**Q.2** What happens to the magnetic field produced by a given current in the conductor when the distance increases?

- Ans
- ☐ 1. It stops
  - ☐ 2. It increases
  - ☒ 3. It decreases
  - ☐ 4. It stays the same

Question ID : 26433077243  
Status : Answered  
Chosen Option : 3

**Q.3** In Union Budget 2021-22, PLI schemes for 13 key sectors of manufacturing starting from fiscal year (FY) 2021-22 have been announced. The full form of PLI is:

- Ans
- ☐ 1. Performance Linked Incentive
  - ☐ 2. Performance Liability Indemnity
  - ☐ 3. Production License Indemnity
  - ☒ 4. Production Linked Incentive

Question ID : 26433077408  
Status : Answered  
Chosen Option : 1

**Q.4** Which is NOT correct about the original jurisdiction of the Supreme Court?

- Ans
- ☐ 1. It can hear any dispute between two or more states.
  - ☐ 2. It can hear any dispute between the Government of India and any state or states on one side and one or more states on the other.
  - ☒ 3. It can hear ordinary dispute of commercial nature between the Government of India and the states
  - ☐ 4. It can hear any dispute between the Government of India and one or more states.

Question ID : 26433077118  
Status : Answered  
Chosen Option : 3



Q.5 According to the Census of India 2011, what is the percentage of the urban population?

- Ans ☒ 1. 31.16%
- ☐ 2. 27.78%
- ☐ 3. 23.34%
- ☐ 4. 25.71%

Question ID : 26433067163

Status : Answered

Chosen Option : 1

Q.6 The Reserve Bank of India (RBI) has introduced a PCA framework for large non-banking financial companies (NBFCs) with effect from October 2022, putting restrictions whenever vital financial metrics dip below the prescribed threshold. What is PCA?

- Ans ☐ 1. Prompt Coordinated Action
- ☒ 2. Prompt Corrective Action
- ☐ 3. Phased Coordinated Action
- ☐ 4. Phased Corrective Action

Question ID : 26433077312

Status : Answered

Chosen Option : 2

Q.7 \_\_\_\_\_ introduced the daroga system, replacing zamindari thanedars under the direct control of the district head and on its payroll.

- Ans ☐ 1. Lord Minto I
- ☒ 2. Lord Cornwallis
- ☐ 3. Lord Hastings
- ☐ 4. Lord Wellesley

Question ID : 26433077006

Status : Answered

Chosen Option : 2

Q.8 According to poverty statistics in India (2011-12), what is the percentage of population in Chandigarh, below the poverty line?

- Ans ☒ 1. 21.81%
- ☐ 2. 2.77%
- ☐ 3. 9.91%
- ☐ 4. 9.86%

Question ID : 26433067166

Status : Marked For Review

Chosen Option : 2

Q.9 The Vidhava Vivaha Uttejaka Mandal (Society for Encouragement of Widow Marriage) was established in \_\_\_\_\_ in the second half of the nineteenth century.

- Ans
- ☒ 1. Calcutta Presidency
  - ☒ 2. Bombay Presidency
  - ☒ 3. the Central Provinces
  - ☒ 4. the United Provinces

Question ID : 26433077033  
Status : Answered  
Chosen Option : 1

Q.10 Which of the following statements about Bharat Naujawan Sabha is INCORRECT?

- Ans
- ☒ 1. It was founded in Punjab.
  - ☒ 2. Bhagat Singh became its founding secretary.
  - ☒ 3. It was established in 1927.
  - ☒ 4. It started political work among the youth, peasants, and workers.

Question ID : 26433077038  
Status : Answered  
Chosen Option : 2

Q.11 Deficiency of which vitamin causes symptoms like tingling in the tongue, anaemia, white patches on the skin, mouth ulcers and shortness of breath?

- Ans
- ☒ 1. Vitamin K
  - ☒ 2. Vitamin B12
  - ☒ 3. Vitamin E
  - ☒ 4. Vitamin B1

Question ID : 26433077290  
Status : Answered  
Chosen Option : 2

Q.12 Who among the following was the Wazir of Sultan Iltutmish?

- Ans
- ☒ 1. Sai'd Fakhr-I-Mudabbir
  - ☒ 2. Malik Naik
  - ☒ 3. Nizam ul-Mulk Junaidi
  - ☒ 4. Nusrat Khan

Question ID : 26433077057  
Status : Marked For Review  
Chosen Option : 1

Q.13 Which of the following launched 'SAGE' initiative on 4 June 2021?

- Ans
- ☒ 1. Ministry of Education
  - ☒ 2. NITI Aayog
  - ☒ 3. Ministry of Women and Child Welfare
  - ☒ 4. Ministry of Social Justice and Empowerment

Question ID : 26433077401  
Status : Not Answered  
Chosen Option : --

**Q.14 Which is the most suitable soil for growing coffee in India?**

- Ans
- ☒ 1. Black Soil
  - ☒ 2. Red Soil
  - ☒ 3. Laterite soil
  - ☒ 4. Alluvial Soil

Question ID : 26433076980  
Status : Answered  
Chosen Option : 1

**Q.15 Shakoore Khan, Pandit Ram Narayan, Ramesh Mishra, Sultan Khan and Ustad Binda Khan are noted players of which of the following instruments?**

- Ans
- ☒ 1. Rudra veena
  - ☒ 2. Santoor
  - ☒ 3. Sarangi
  - ☒ 4. Jal-tarang

Question ID : 26433076880  
Status : Marked For Review  
Chosen Option : 2

**Q.16 Who is recognised as the founder of the Lucknow Gharana of Kathak?**

- Ans
- ☒ 1. Birju Maharaj
  - ☒ 2. Ishwari Prasad
  - ☒ 3. Rukmini Devi
  - ☒ 4. Sitara Devi

Question ID : 26433071642  
Status : Answered  
Chosen Option : 1

**Q.17 Which of the following dances is traditionally performed by tea cultivators in Assam?**

- Ans
- ☒ 1. Bihu
  - ☒ 2. Deodhani
  - ☒ 3. Jhumur
  - ☒ 4. Bhortal Nritya

Question ID : 26433076904  
Status : Answered  
Chosen Option : 1

**Q.18 Who is the head of the committee constituted by the Central Government to consider the withdrawal of AFSPA from Nagaland?**

- Ans
- ☒ 1. Ajay Kumar Bhalla
  - ☒ 2. Vivek Joshi
  - ☒ 3. Rajiv Gauba
  - ☒ 4. Piyush Goyal

Question ID : 26433077405  
Status : Marked For Review  
Chosen Option : 2

**Q.19 Builders of which of the following temples had constructed a 4 km long incline for placing 90 tonnes of stone on top of the tallest shikhara amongst temples of its time?**

- Ans
- ☒ 1. The Sun Temple
  - ☒ 2. Rajarajeshvara Temple
  - ☒ 3. Kandhariya Mahadeva Temple
  - ☒ 4. Gangadikondha Temple

Question ID : 26433076892

Status : Not Answered

Chosen Option : --

**Q.20 In the 1920s, who created the Left-Step Periodic Table (LSPT) of the chemical elements, basing the positions of the elements on patterns in the arrangement of electrons around the atomic nucleus?**

- Ans
- ☒ 1. Glenn Seaborg
  - ☒ 2. Lothar Meyer
  - ☒ 3. Charles Janet
  - ☒ 4. Dmitri Mendeleev

Question ID : 26433077250

Status : Answered

Chosen Option : 1

**Q.21 Who among the following as the Governor administered the oath to the CM of Assam, Himanta Biswa Sarma, in 2021?**

- Ans
- ☒ 1. Padmanabha Balakrishna Acharya
  - ☒ 2. Ganga Prasad
  - ☒ 3. Jagdeep Dhankhar
  - ☒ 4. Jagadish Mukhi

Question ID : 26433077354

Status : Answered

Chosen Option : 4

**Q.22 Which mineral found in Koderma and Giridih districts of Jharkhand is used for power industry, paint and pigment industry etc.?**

- Ans
- ☒ 1. Quartz
  - ☒ 2. Mica
  - ☒ 3. Asbestos
  - ☒ 4. Kyanite

Question ID : 26433077275

Status : Answered

Chosen Option : 2

**Q.23 Who among the following is NOT appointed by the President of India?**

- Ans
- ☒ 1. Ambassadors and High Commissioners
  - ☒ 2. Comptroller and Auditor General of India
  - ☒ 3. Attorney General of India
  - ☒ 4. Solicitor General of India

Question ID : 26433077122

Status : Answered

Chosen Option : 1

Q.24 Where is the headquarters of Food Corporation of India located?

- Ans
- ☒ 1. Kolkata
  - ☒ 2. New Delhi
  - ☒ 3. Hyderabad
  - ☒ 4. Bhubaneswar

Question ID : 26433076997

Status : Answered

Chosen Option : 2

Q.25 The Champaran Mela is celebrated every year in which city of Chhattisgarh?

- Ans
- ☒ 1. Bilaspur
  - ☒ 2. Raipur
  - ☒ 3. Raigarh
  - ☒ 4. Korna

Question ID : 26433076932

Status : Marked For Review

Chosen Option : 4