

# Examination for Selection Posts Phase VIII 2020 06th Nov 2020 S3

Roll Number	
Candidate Name	
Venue Name	
Exam Date	06/11/2020
Exam Time	4:00 PM - 5:00 PM
Subject	Examination for Selection Posts Phase VIII 2020 Higher Secondary level

## Section : General Intelligence

**Q.1** 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.

FRAME : CUWQZ :: RICOH : \_\_\_\_\_.

- Ans**
- 1. OLXSC
  - 2. OKXRC
  - 3. OLYSC
  - 4. OKYRC

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

kb\_fg\_k\_df\_tk\_bdf\_t

Question ID : 8161614712

Status : Answered

Chosen Option : 3

**Q.2**

- Ans**
- 1. d, t, g, f, b, g
  - 2. d, t, b, g, f, g
  - 3. t, d, b, g, f, g
  - 4. t, d, g, b, g, f

Question ID : 8161614725

Status : Answered

Chosen Option : 2

**Q.3** In a certain code language, ARTICLE is written as 71451122203. How will FABULOUS be written in the same code language?

- Ans**
- 1. 2123151423436
  - 2. 2022171423437
  - 3. 2123171423438
  - 4. 8342314172321

Question ID : 8161614723  
Status : Answered  
Chosen Option : 3

**Q.4** Select the correct mirror image of the given combination when the mirror is placed to the Right side of it.

TECHNICALPOWER

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

Question ID : 8161614736  
Status : Answered  
Chosen Option : 4

**Q.5** 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:**

- 1. Some chairs are stools.
- 2. All the frames are stools.

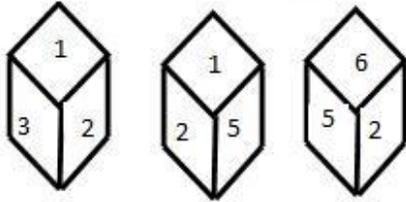
**Conclusions:**

- I. Some stools are frames.
- II. Some stools are chairs.

- Ans**
- 1. Only conclusion I follows
  - 2. Neither conclusion I nor II follow
  - 3. Both the conclusions I and II follow
  - 4. Only conclusion II follows

Question ID : 8161614728  
Status : Answered  
Chosen Option : 3

Q.6 Three Different positions of the same dice are shown.



Find the number on the face opposite to the face with the number 4.

- Ans
- 1. 3
  - 2. 6
  - 3. 2
  - 4. 1

Question ID : 8161614734  
Status : Answered  
Chosen Option : 3

Q.7 In a certain language, FUTILE is written as EGTVSUHJKMDF. How will HELPFUL be written in that language?

- Ans
- 1. GIDFKMQREGTVKM
  - 2. IJDFKMOQEGTVKM
  - 3. GIDFKMOQEGTVMN
  - 4. GIDFKMOQEGTVKM

Question ID : 8161614720  
Status : Answered  
Chosen Option : 3

Q.8 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

21 : 112 :: 36 : ? :: 51 : 272

- Ans
- 1. 252
  - 2. 192
  - 3. 198
  - 4. 72

Question ID : 8161614731  
Status : Answered  
Chosen Option : 2

**Q.9** In a code language, STRIVE is written as DWLREF and MEDALS is written as JFVZQD. How will SLAVE be written as in that language?

- Ans**
- 1. DQZEF
  - 2. DZQFE
  - 3. DZQEF
  - 4. DQZFE

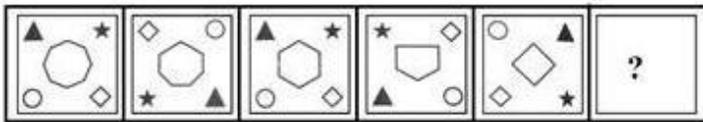
Question ID : 8161614719  
Status : Answered  
Chosen Option : 1

**Q.10** If ACTION is coded as 2621865 and CAMPER is coded as 6247109, then how will SOLUTE be coded as?

- Ans**
- 1. 81363120
  - 2. 81633120
  - 3. 10633210
  - 4. 10434210

Question ID : 8161614722  
Status : Not Answered  
Chosen Option : --

**Q.11** Select the figure that will come next in the following figure series.



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

Question ID : 8161614733  
Status : Answered  
Chosen Option : 1

Q.12 Which letter will replace the question mark (?) in the following series.

F, J, G, K, H, L, I, ?

- Ans
- 1. M
  - 2. P
  - 3. N
  - 4. F

Question ID : 8161614724  
Status : Answered  
Chosen Option : 1

Q.13 If 'Respect' is related to 'Offend' in the same way as 'Fragile' is related to '\_\_\_\_\_ '.

- Ans
- 1. Obstruction
  - 2. Delicate
  - 3. Feeble
  - 4. Firm

Question ID : 8161614717  
Status : Answered  
Chosen Option : 4

Q.14 In a code language, MUSICAL is written as XQREQWH. How will REPLACE be written as in that language?

- Ans
- 1. UAWHJYF
  - 2. WAUHJYF
  - 3. WAUHFYJ
  - 4. UAWHFYJ

Question ID : 8161614718  
Status : Answered  
Chosen Option : 1

**Q.15** Two Statements are given, followed by four conclusions numbered I, II, III and IV. 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:**

- 1) All mats are vans.
- 2) Some cots are vans.

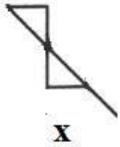
**Conclusions:**

- I. All mats are cots.
- II. All cots are mats.
- III. Some vans are cots.
- IV. All vans are mats.

- Ans**
- 1. Only conclusion III follows
  - 2. Both the conclusions II and III follow
  - 3. Only conclusion I follows
  - 4. Only Conclusion IV follows

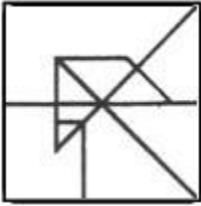
Question ID : 8161614729  
Status : Answered  
Chosen Option : 1

Q.16 Select the option in which the given figure (x) is embedded (Rotation is NOT allowed).

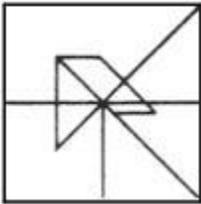


Ans

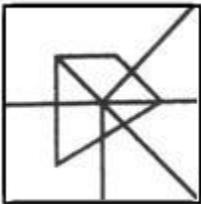
1.



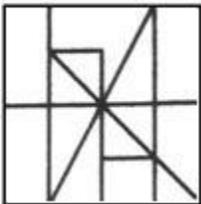
2.



3.



4.



Question ID : 8161614735  
Status : Answered  
Chosen Option : 4

Q.17 If DRIVER is coded as 74 and SPIRIT is coded as 89, then how will RENAME be coded as?

Ans  1. 51

2. 52

3. 54

4. 50

Question ID : 8161614721  
Status : Answered  
Chosen Option : 3

**Q.18** Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Dog
2. Buffalo
3. Tortoise
4. Mosquito
5. Tiger

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

Question ID : 8161614714

Status : Not Answered

Chosen Option : --

**Q.19** Ram is the son of Mohan and the brother of Ramesh. Shreya is the daughter of Shweta and the sister of Ram. How Shweta is related to Mohan?

- Ans**
- 1. Wife
  - 2. Daughter
  - 3. Sister
  - 4. Father

Question ID : 8161614726

Status : Answered

Chosen Option : 1

**Q.20** If 'Joints' is related to 'Arthritis' in the same way as '\_\_\_\_\_' is related to 'Rhinitis'.

- Ans**
- 1. Bladder
  - 2. Abdomen
  - 3. Intestine
  - 4. Nose

Question ID : 8161614716

Status : Answered

Chosen Option : 4

Q.21 Which number will replace the question mark (?) in the following series.

3, 8, 15, 25, 40, 62, 95, ?

- Ans
- 1. 111
  - 2. 141
  - 3. 114
  - 4. 144

Question ID : 8161614730  
Status : Answered  
Chosen Option : 2

Q.22 Select the interchanges in numbers and signs that will make the given equation correct.

$$5 \div 10 \times 12 + 14 - 7 = 88$$

- Ans
- 1. 5 and 7, + and -
  - 2. 10 and 5, - and  $\times$
  - 3. 5 and 12, + and -
  - 4. 14 and 7,  $\times$  and  $\div$

Question ID : 8161614732  
Status : Answered  
Chosen Option : 2

Q.23 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.

CONTROL : FTUGOJE :: PROVOKE : \_\_\_\_\_.

- Ans
- 1. SWVELFX
  - 2. SVWELFX
  - 3. SWVFFLX
  - 4. SWVEFLX

Question ID : 8161614713  
Status : Not Answered  
Chosen Option : --

**Q.24** Select the option that represents the correct order of the given words as they would appear in an English dictionary?

1. Sophisticated
2. Southeastern
3. Songwriter
4. Soubriquet
5. Sousaphone

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

Question ID : 8161614715  
Status : Answered  
Chosen Option : 3

**Q.25** Read the following information carefully and answer the question given below:

'A + B' means 'A is the father of B'.

'A - B' means 'A is the husband of B'.

'A × B' means 'A is the daughter of B'.

'A ÷ B' means 'A is the sister of B'.

If  $P + M \div Q \times N \times T - U$ , then how is P related to N?

- Ans**
- 1. Husband
  - 2. Son
  - 3. Paternal Uncle
  - 4. Brother

Question ID : 8161614727  
Status : Answered  
Chosen Option : 1

Section : English Language

**Q.1** Select the most appropriate one-word substitution for the given words.

A disease that is found in a particular place and is difficult to get rid of

- Ans**
- 1. Infection
  - 2. Pandemic
  - 3. Chronic
  - 4. Endemic

Question ID : 8161614750  
Status : Answered  
Chosen Option : 4

Q.2 Select the correct passive form of the given sentence.

I am learning a new language this year.

- Ans
- 1. A new language was being learnt by me this year.
  - 2. A new language has been learnt by me this year.
  - 3. A new language is going to be learnt by me this year.
  - 4. A new language is being learnt by me this year.

Question ID : 8161614739  
Status : Answered  
Chosen Option : 4

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

Rosy paints beautiful landscapes.

- Ans
- 1. Beautiful landscapes are painted by Rosy.
  - 2. Beautiful landscapes are being painted by Rosy.
  - 3. Beautiful landscapes were painted by Rosy.
  - 4. Beautiful landscapes is being painted by Rosy.

Question ID : 8161614738  
Status : Answered  
Chosen Option : 1

Q.4 Select the most appropriate meaning of the following idiom.

See eye to eye

- Ans
- 1. Understand the reason
  - 2. Have different ideas
  - 3. Have similar views
  - 4. Encourage someone

Question ID : 8161614747  
Status : Answered  
Chosen Option : 3

Q.5 Select the most appropriate option to fill in the blank in the given sentence.

Will someone please help me lift \_\_\_\_\_ heavy box?

- Ans
- 1. them
  - 2. this
  - 3. those
  - 4. these

Question ID : 8161614743  
Status : Answered  
Chosen Option : 2

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

**SURVEY**

- Ans  1. ignore  
 2. request  
 3. trial  
 4. examine

Question ID : 8161614745  
Status : Answered  
Chosen Option : 4

Q.7 Identify the word that is misspelt.

- Ans  1. Illumination  
 2. Appeal  
 3. Grammar  
 4. Arrogence

Question ID : 8161614751  
Status : Answered  
Chosen Option : 4

Q.8 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'.

The market was crowded with shoppers and I was feel very uncomfortable.

- Ans  1. am feeling  
 2. was feeling  
 3. was felt  
 4. no substitution

Question ID : 8161614742  
Status : Answered  
Chosen Option : 2

Q.9 Given below are four sentences which are jumbled. Pick the option that gives the correct order.

- A. Sew the two rectangular pieces together all the way to make a double layer.
- B. Finally sew the elastic straps to the mask along the long edges.
- C. Now make three evenly spaced pleats in the sewn rectangles.
- D. In order to make a face mask, take 2 rectangular pieces of cotton fabric that measure about 7 inches by 9 inches.

- Ans  1. DACB  
 2. ACBD  
 3. DABC  
 4. ADCB

Question ID : 8161614744  
Status : Answered  
Chosen Option : 1

Q.10 Select the most appropriate meaning of the following idiom.

Be on a high alert

- Ans  1. Be very much in demand for something  
 2. Be known widely for your actions  
 3. Be watchful and ready to take action  
 4. Likely to face problems due to a wrong action

Question ID : 8161614748  
Status : Answered  
Chosen Option : 1

Q.11 Select the most appropriate antonym of the given word.

ENLIVEN

- Ans  1. brighten  
 2. withhold  
 3. dishearten  
 4. create

Question ID : 8161614746  
Status : Not Answered  
Chosen Option : --

Q.12 Select the correct indirect form of the given sentence.

Sumit said to the assistant, "Why are you taking a printout of this document?"

- Ans
- 1. Sumit asks to the assistant why he was taking a printout of that document.
  - 2. Sumit asked the assistant why he was taking a printout of that document.
  - 3. Sumit ask the assistant why he is taking a printout of this document.
  - 4. Sumit asked the assistant why are they taking a printout of that document.

Question ID : 8161614741  
Status : Answered  
Chosen Option : 2

Q.13 Identify the segment in the sentence which contains the grammatical error.

The diagrams should be draw and label neatly.

- Ans
- 1. draw and label
  - 2. neatly
  - 3. should be
  - 4. The diagrams

Question ID : 8161614737  
Status : Answered  
Chosen Option : 1

Q.14 Select the correct indirect form of the given sentence.

Mother said to Ravi, "Get me the newspaper."

- Ans
- 1. Mother told Ravi to get her the newspaper.
  - 2. Mother said Ravi to get me the newspaper.
  - 3. Mother said to Ravi to got her the newspaper.
  - 4. Mother asks Ravi to get her the newspaper.

Question ID : 8161614740  
Status : Answered  
Chosen Option : 1

Q.15 Select the most appropriate one-word substitution for the given words.

A large bedroom for a number of people in a school or institution

- Ans
- 1. Cloakroom
  - 2. Dormitory
  - 3. Observatory
  - 4. Mansion

Question ID : 8161614749  
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.

I went out and bought all sorts of small gifts and then headed to the more expensive outlets (1)\_\_\_\_\_the mall. I picked up little things, things I knew my mother would (2)\_\_\_\_\_I took them home and wrapped each one (3)\_\_\_\_\_using all kinds of packing material. Then I made a card for each one. After doing that, I (4)\_\_\_\_\_the gift off outside my mother's doorway and called her, pretending to (5)\_\_\_\_\_about her health. She was bubbling over. She told me someone had left a gift for her and signed it 'Secret Santa'.

**SubQuestion No : 16**

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

Ans  1. for

 2. with

 3. to

 4. in

Question ID : 8161614753

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.

I went out and bought all sorts of small gifts and then headed to the more expensive outlets (1)\_\_\_\_\_the mall. I picked up little things, things I knew my mother would (2)\_\_\_\_\_I took them home and wrapped each one (3)\_\_\_\_\_using all kinds of packing material. Then I made a card for each one. After doing that, I (4)\_\_\_\_\_the gift off outside my mother's doorway and called her, pretending to (5)\_\_\_\_\_about her health. She was bubbling over. She told me someone had left a gift for her and signed it 'Secret Santa'.

**SubQuestion No : 17**

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

Ans  1. loving

 2. loved

 3. loves

 4. love

Question ID : 8161614754

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.

I went out and bought all sorts of small gifts and then headed to the more expensive outlets (1)\_\_\_\_\_the mall. I picked up little things, things I knew my mother would (2)\_\_\_\_\_I took them home and wrapped each one (3)\_\_\_\_\_using all kinds of packing material. Then I made a card for each one. After doing that, I (4)\_\_\_\_\_the gift off outside my mother's doorway and called her, pretending to (5)\_\_\_\_\_about her health. She was bubbling over. She told me someone had left a gift for her and signed it 'Secret Santa'.

**SubQuestion No : 18**

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

- Ans
- 1. openly
  - 2. severely
  - 3. closely
  - 4. differently

Question ID : 8161614755

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.

I went out and bought all sorts of small gifts and then headed to the more expensive outlets (1)\_\_\_\_\_the mall. I picked up little things, things I knew my mother would (2)\_\_\_\_\_I took them home and wrapped each one (3)\_\_\_\_\_using all kinds of packing material. Then I made a card for each one. After doing that, I (4)\_\_\_\_\_the gift off outside my mother's doorway and called her, pretending to (5)\_\_\_\_\_about her health. She was bubbling over. She told me someone had left a gift for her and signed it 'Secret Santa'.

**SubQuestion No : 19**

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

- Ans
- 1. was dropped
  - 2. dropped
  - 3. drops
  - 4. am dropping

Question ID : 8161614756

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.

I went out and bought all sorts of small gifts and then headed to the more expensive outlets (1)\_\_\_\_\_the mall. I picked up little things, things I knew my mother would (2)\_\_\_\_\_I took them home and wrapped each one (3)\_\_\_\_\_using all kinds of packing material. Then I made a card for each one. After doing that, I (4)\_\_\_\_\_the gift off outside my mother's doorway and called her, pretending to (5)\_\_\_\_\_about her health. She was bubbling over. She told me someone had left a gift for her and signed it 'Secret Santa'.

**SubQuestion No : 20**

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

- Ans  1. enquire  
 2. examine  
 3. request  
 4. withhold

Question ID : 8161614757

Status : Answered

Chosen Option : 1

### Comprehension:

Read the given passage and answer the questions that follow.

The small Texas school that I went to had a tradition carried out every year during the eighth-grade graduation: a beautiful gold and green jacket (the school colours) was awarded to the student who had maintained the grade for eight years.

The scholarship jacket — a beautiful gold and green jacket had a big gold S on the left front side and your name written in gold letters on the pocket.

My oldest sister, Rosie, had won the jacket a few years back, and I fully expected to also. I had been a straight 'A' student since the first grade and in the eighth grade had looked forward very much to owning that jacket.

My father was a farm labourer who couldn't earn enough money to feed eight children, so when I was six I was given to my grandparents to raise. We couldn't participate in sports at school because there were registration fees, uniform costs, and trips out of town; so, even though our family was quite agile and athletic there would never be a school sports jacket for us. This one, the scholarship jacket, was our only chance.

Another hour of sweating in basketball was coming up and I was walking up to the gym.

Then I remembered my P.E. shorts and I had to walk all the way back and get them.

I was almost back at my classroom door when I heard voices raised in anger as if in some sort of argument.

I recognised the voices: Mr. Schmidt, my history teacher, and Mr. Boone, my math teacher, seemed to be arguing about me. I heard them say 'Martha' and I couldn't believe it. "Martha has a straight A-plus average and you know it." That was Mr. Schmidt and he sounded very angry. "I refuse to do it! I don't care who Joann's father is, her grades don't even begin to compare to Martha's," he continued. My heart sank.

### SubQuestion No : 21

**Q.21** The narrator says, "I looked forward very much to owning that jacket," because:

- Ans**
- 1. she wanted to prove to her teachers that she was good
  - 2. she had been an A grade student for 8 years
  - 3. the jacket had the school name on it
  - 4. it was a beautiful jacket

Question ID : 8161614761

Status : Not Answered

Chosen Option : --

### Comprehension:

Read the given passage and answer the questions that follow.

The small Texas school that I went to had a tradition carried out every year during the eighth-grade graduation: a beautiful gold and green jacket (the school colours) was awarded to the student who had maintained the grade for eight years.

The scholarship jacket — a beautiful gold and green jacket had a big gold S on the left front side and your name written in gold letters on the pocket.

My oldest sister, Rosie, had won the jacket a few years back, and I fully expected to also. I had been a straight 'A' student since the first grade and in the eighth grade had looked forward very much to owning that jacket.

My father was a farm labourer who couldn't earn enough money to feed eight children, so when I was six I was given to my grandparents to raise. We couldn't participate in sports at school because there were registration fees, uniform costs, and trips out of town; so, even though our family was quite agile and athletic there would never be a school sports jacket for us. This one, the scholarship jacket, was our only chance.

Another hour of sweating in basketball was coming up and I was walking up to the gym.

Then I remembered my P.E. shorts and I had to walk all the way back and get them.

I was almost back at my classroom door when I heard voices raised in anger as if in some sort of argument.

I recognised the voices: Mr. Schmidt, my history teacher, and Mr. Boone, my math teacher, seemed to be arguing about me. I heard them say 'Martha' and I couldn't believe it. "Martha has a straight A-plus average and you know it." That was Mr. Schmidt and he sounded very angry. "I refuse to do it! I don't care who Joann's father is, her grades don't even begin to compare to Martha's," he continued. My heart sank.

### SubQuestion No : 22

Q.22 Complete the following sentence.

The narrator was brought up by her:

- Ans
- 1. sister
  - 2. grandparents
  - 3. teachers
  - 4. parents

Question ID : 8161614760

Status : Answered

Chosen Option : 2

### Comprehension:

Read the given passage and answer the questions that follow.

The small Texas school that I went to had a tradition carried out every year during the eighth-grade graduation: a beautiful gold and green jacket (the school colours) was awarded to the student who had maintained the grade for eight years.

The scholarship jacket — a beautiful gold and green jacket had a big gold S on the left front side and your name written in gold letters on the pocket.

My oldest sister, Rosie, had won the jacket a few years back, and I fully expected to also. I had been a straight 'A' student since the first grade and in the eighth grade had looked forward very much to owning that jacket.

My father was a farm labourer who couldn't earn enough money to feed eight children, so when I was six I was given to my grandparents to raise. We couldn't participate in sports at school because there were registration fees, uniform costs, and trips out of town; so, even though our family was quite agile and athletic there would never be a school sports jacket for us. This one, the scholarship jacket, was our only chance.

Another hour of sweating in basketball was coming up and I was walking up to the gym.

Then I remembered my P.E. shorts and I had to walk all the way back and get them.

I was almost back at my classroom door when I heard voices raised in anger as if in some sort of argument.

I recognised the voices: Mr. Schmidt, my history teacher, and Mr. Boone, my math teacher, seemed to be arguing about me. I heard them say 'Martha' and I couldn't believe it. "Martha has a straight A-plus average and you know it." That was Mr. Schmidt and he sounded very angry. "I refuse to do it! I don't care who Joann's father is, her grades don't even begin to compare to Martha's," he continued. My heart sank.

### SubQuestion No : 23

Q.23 Which of the following statements are true?

- a) Grandfather was a farm labourer
- b) Father couldn't earn enough money to feed eight
- c) The family could not pay for sports activities
- d) The family was small
- e) Martha was a bright student

- Ans  1. b, c and e
-  2. a, b and d
-  3. a, c and d
-  4. b, d and e

Question ID : 8161614762

Status : Answered

Chosen Option : 1

### Comprehension:

Read the given passage and answer the questions that follow.

The small Texas school that I went to had a tradition carried out every year during the eighth-grade graduation: a beautiful gold and green jacket (the school colours) was awarded to the student who had maintained the grade for eight years.

The scholarship jacket — a beautiful gold and green jacket had a big gold S on the left front side and your name written in gold letters on the pocket.

My oldest sister, Rosie, had won the jacket a few years back, and I fully expected to also. I had been a straight 'A' student since the first grade and in the eighth grade had looked forward very much to owning that jacket.

My father was a farm labourer who couldn't earn enough money to feed eight children, so when I was six I was given to my grandparents to raise. We couldn't participate in sports at school because there were registration fees, uniform costs, and trips out of town; so, even though our family was quite agile and athletic there would never be a school sports jacket for us. This one, the scholarship jacket, was our only chance.

Another hour of sweating in basketball was coming up and I was walking up to the gym.

Then I remembered my P.E. shorts and I had to walk all the way back and get them.

I was almost back at my classroom door when I heard voices raised in anger as if in some sort of argument.

I recognised the voices: Mr. Schmidt, my history teacher, and Mr. Boone, my math teacher, seemed to be arguing about me. I heard them say 'Martha' and I couldn't believe it. "Martha has a straight A-plus average and you know it." That was Mr. Schmidt and he sounded very angry. "I refuse to do it! I don't care who Joann's father is, her grades don't even begin to compare to Martha's," he continued. My heart sank.

### SubQuestion No : 24

**Q.24 The narrator's 'heart sank'. She was worried because:**

- Ans**
- 1. Mr. Boone, the math teacher was arguing in her favour
  - 2. they were both arguing about her performance in sports
  - 3. she heard Mr. Boone say that her grades were not good
  - 4. Mr. Schmidt, the history teacher, was having to defend her though she was the best student

Question ID : 8161614763

Status : Not Answered

Chosen Option : --

### Comprehension:

Read the given passage and answer the questions that follow.

The small Texas school that I went to had a tradition carried out every year during the eighth-grade graduation: a beautiful gold and green jacket (the school colours) was awarded to the student who had maintained the grade for eight years.

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### SubQuestion No : 25

Q.25 Complete the following sentence.

The school honoured the best student in eighth grade with:

- Ans
- 1. a green jacket with the name in green
  - 2. a golden jacket with an S in green
  - 3. a green jacket with a gold pocket
  - 4. a gold and green jacket with a gold S

Question ID : 8161614759

Status : Not Answered

Chosen Option : --

### Section : Quantitative Aptitude

Q.1 On selling a television at a 6% profit and a fridge at a 9% profit, a shopkeeper gains ₹5,100. However, if the shopkeeper sells the television at a 9% profit and the fridge at a 6% loss, he gains ₹1,800 on the whole transaction. The cost price (in ₹) of the fridge is:

- Ans
- 1. 37,500
  - 2. 30,000
  - 3. 35,000
  - 4. 40,000

Question ID : 8161614772

Status : Answered

Chosen Option : 2

**Q.2** In a class of 88 students, the number of girls is 20% more than the number of boys. The average height of the boys is 164 cm, and the average height of the girls is 4 cm less than the average height of all the boys and girls in the class. What is the average height (in cm) of all the students in the class?

- Ans**
- 1. 155.2
  - 2. 150
  - 3. 159.2
  - 4. 163.2

Question ID : 8161614767  
Status : Answered  
Chosen Option : 3

**Q.3** A sports store offers a 10% discount on its goods. The store offers a further discount of 5% on the reduced price to those customers who pay by credit cards. If a customer wants to purchase a ball for ₹100 and pays through a credit card, the amount (in ₹) to be paid by the customer is:

- Ans**
- 1. 85.50
  - 2. 92.50
  - 3. 95
  - 4. 82.50

Question ID : 8161614768  
Status : Answered  
Chosen Option : 1

**Q.4** If the 6-digit number 479xyz is exactly divisible by 7, 11 and 13, then the product of the digits  $x$ ,  $y$  and  $z$  will be:

- Ans**
- 1. 1001
  - 2. 479
  - 3. 794
  - 4. 252

Question ID : 8161614765  
Status : Answered  
Chosen Option : 1

**Q.5** The average of  $n$  observations is 40. If two observations of 50 and 60 are added, then the average of all the observations will be 41. What is the value of  $n$ ?

- Ans**
- 1. 42
  - 2. 32
  - 3. 40
  - 4. 28

Question ID : 8161614766  
Status : Answered  
Chosen Option : 4

**Q.6** A circle circumscribes a rectangle whose sides are in the ratio of 4 : 3. If the area of the rectangle is  $192 \text{ cm}^2$ , then the perimeter (in cm) of the circle is:

- Ans**
- 1.  $10\pi$
  - 2.  $20\pi$
  - 3.  $12\pi$
  - 4.  $15\pi$

Question ID : 8161614780  
Status : Answered  
Chosen Option : 2

**Q.7** In  $\triangle ABC$ ,  $BD \perp AC$  at D. E is a point on BC such that  $\angle BEA = x^\circ$ . If  $\angle EAC = 36^\circ$  and  $\angle EBD = 40^\circ$ , then the value of x is:

- Ans**
- 1.  $86^\circ$
  - 2.  $72^\circ$
  - 3.  $68^\circ$
  - 4.  $78^\circ$

Question ID : 8161614783  
Status : Answered  
Chosen Option : 1

**Q.8** If  $2\cos^2\theta - 5\cos\theta + 2 = 0, 0^\circ < \theta < 90^\circ$ , then the value of  $\frac{1}{(\operatorname{cosec}\theta + \cot\theta)}$  is:

- Ans**
- 1.  $2\sqrt{3}$
  - 2.  $\frac{1}{3}$
  - 3.  $\sqrt{3}$
  - 4.  $\frac{\sqrt{3}}{3}$

Question ID : 8161614785  
Status : Answered  
Chosen Option : 4

**Q.9** X and Y together can finish a task in 12 days. If Y alone can finish the same task in 15 days, then how many days will X alone take to finish the task?

- Ans  1. 60  
 2. 50  
 3. 30  
 4. 45

Question ID : 8161614776  
Status : Answered  
Chosen Option : 1

**Q.10** If decreasing 70 by  $x\%$  yields the same result as increasing 60 by  $x\%$ , then  $x\%$  of 91 is:

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

Question ID : 8161614769  
Status : Answered  
Chosen Option : 4

**Q.11** If  $x^4 - 3x^2 - 1 = 0$ , then the value of  $\left(x^6 - 3x^2 + \frac{3}{x^2} - \frac{1}{x^6} + 1\right)$  is:

- Ans  1. 51  
 2. 26  
 3. 28  
 4. 54

Question ID : 8161614781  
Status : Answered  
Chosen Option : 3

**Q.12** If the value of  $(a + b - 3)^2 + (b + c - 2)^2 + (c + a - 5)^2 = 0$ , then the value of  $\sqrt{(b + c)^a + (c + a)^b}$  is:

- Ans  1. 1  
 2. 3  
 3. 2  
 4. 0

Question ID : 8161614782  
Status : Answered  
Chosen Option : 2

**Q.13** In  $\Delta ABC$ , AD is the bisector of  $\angle A$  and intersects BC at D. If  $BC = a$ ,  $AC = b$  and  $AB = c$ , then BD is equal to:

**Ans**

1.  $\frac{ac}{b+c}$

2.  $\frac{ab}{b+c}$

3.  $\frac{a(c+b)}{c-b}$

4.  $\frac{a(c-b)}{c+b}$

Question ID : 8161614784

Status : Answered

Chosen Option : 1

**Q.14** Two employees A and B are paid a total of ₹13,455 per week by their employer. If A is paid 125% of the sum paid to B, how much is B paid per week?

**Ans**

1. ₹7,500

2. ₹11,000

3. ₹10,000

4. ₹5,980

Question ID : 8161614770

Status : Answered

Chosen Option : 4

**Q.15** Eight years ago, the ratio of the ages of A and B was 9 : 10. The ratio of their ages 4 years from now will be 12 : 13. If the age of C is 4 years less than the present age of A, then what is the present age (in years) of C?

**Ans**

1. 52

2. 44

3. 40

4. 48

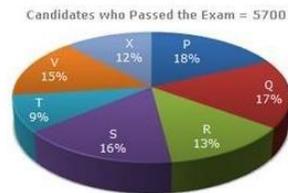
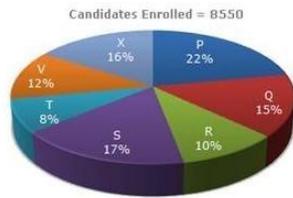
Question ID : 8161614773

Status : Answered

Chosen Option : 3

**Q.16** The following pie charts represent the distribution of candidates who were enrolled for an entrance examination and the candidates (out of those enrolled) who passed the examination in different institutes (P, Q, R, S, T, V, X).

Study the charts and answer the question that follows.



The number of candidates who passed from institutes P and Q together exceeds the number of candidates who enrolled from institutes T and R together by:

- Ans**
- 1. 485
  - 2. 445
  - 3. 456
  - 4. 580

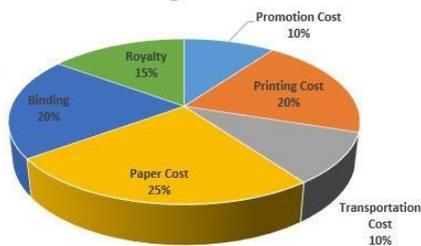
Question ID : 8161614788

Status : Answered

Chosen Option : 3

**Q.17** The given pie chart shows the percentage distribution of the expenditure incurred in publishing a book. Study the chart and answer the question that follows.

Various Expenditure (in percentage) Incurred in Publishing a Book



If 2500 copies are published and the printing cost for them amounts to ₹160,000, then what should be the selling price of a book such that the publisher can earn a profit of 25%?

- Ans**
- 1. ₹420
  - 2. ₹400
  - 3. ₹370
  - 4. ₹350

Question ID : 8161614787

Status : Answered

Chosen Option : 2

**Q.18** A person sold an article at a loss of 8%. Had he sold it at a gain of 10.5%, he would have received ₹74 more. What is the cost price (in ₹) of the article?

- Ans**
- 1. 100
  - 2. 300
  - 3. 500
  - 4. 400

Question ID : 8161614771  
Status : Answered  
Chosen Option : 4

**Q.19** When  $x$  is added to each of 10, 23, 15 and 33, the sums obtained in this order are in proportion. The value of  $(x + 5)$  is:

- Ans**
- 1. 8
  - 2. 5
  - 3. 1
  - 4. 3

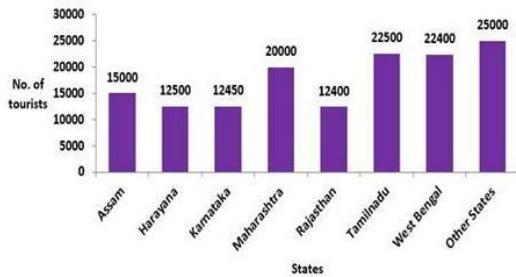
Question ID : 8161614774  
Status : Answered  
Chosen Option : 1

**Q.20** Two persons A and B can complete a task in 10 days and 15 days, respectively. They work together and A leaves 5 days before the task is completed. After that, B alone completes the remaining task. The number of days taken to complete the whole task is:

- Ans**
- 1. 9
  - 2. 10
  - 3. 8
  - 4. 12

Question ID : 8161614777  
Status : Answered  
Chosen Option : 1

**Q.21** The given bar graph shows the number of tourists to various states. Study the graph and answer the question that follows.



The number of tourists to which of the following states is less than 10% of the total number of tourists?

- Ans**
- 1. Only Rajasthan
  - 2. Karnataka, Rajasthan and Haryana
  - 3. Karnataka, Rajasthan, Haryana and Assam
  - 4. Karnataka and Rajasthan

Question ID : 8161614786  
Status : Answered  
Chosen Option : 2

**Q.22** A person invested a sum of ₹25,000 partly at 10% per annum simple interest and the rest at 12% per annum simple interest. At the end of 2 years, the total interest received was ₹5,640. The difference (in ₹) between the two parts of the sum is:

- Ans**
- 1. 9,000
  - 2. 8,000
  - 3. 10,000
  - 4. 7,000

Question ID : 8161614775  
Status : Answered  
Chosen Option : 4

**Q.23** If  $14331433 \times 1423 \times 1425$  is divided by 12, then what will be the remainder?

- Ans**
- 1. 2
  - 2. 3
  - 3. 1
  - 4. 0

Question ID : 8161614764  
Status : Answered  
Chosen Option : 2

**Q.24** A 540 m long train, running at a uniform speed, crosses a platform in 55 seconds and crosses a man standing on the platform in 36 seconds. What is the length (in m) of the platform?

- Ans**
- 1. 400
  - 2. 285
  - 3. 450
  - 4. 325

Question ID : 8161614778  
Status : **Answered**  
Chosen Option : 2

**Q.25** A car travels for 11 hours. For the first 100 km, the car travels with a certain speed, and then it increases its speed by 15 km/h to cover the remaining 280 km. The time (in hours) it takes to travel the 100 km part is:

- Ans**
- 1. 7
  - 2. 10
  - 3. 4
  - 4. 11

Question ID : 8161614779  
Status : **Not Answered**  
Chosen Option : --

Section : **General Awareness**

**Q.1** In which of the following cities is the head office of the Central Rice Research Institute located?

- Ans**
- 1. Gandhinagar
  - 2. Karnal
  - 3. Cuttack
  - 4. Amritsar

Question ID : 8161614801  
Status : **Answered**  
Chosen Option : 3

**Q.2** The historical Shrinathji temple at Nathdwara in Udaipur is dedicated to:

- Ans**
- 1. Lord Hanuman
  - 2. Lord Brahma
  - 3. Lord Shiva
  - 4. Lord Krishna

Question ID : 8161614789  
Status : **Not Answered**  
Chosen Option : --

Q.3 Which of the following states has the Ramsar Wetland site named 'Deepor Beel'?

- Ans
- 1. West Bengal
  - 2. Assam
  - 3. Chhattisgarh
  - 4. Odisha

Question ID : 8161614802  
Status : Answered  
Chosen Option : 2

Q.4 In the context of the defence-related equipment being developed by the Defence Research and Development Organisation (DRDO), 'Pranash' is the name of a/an:

- Ans
- 1. bullet-proof jacket
  - 2. missile
  - 3. assault rifle
  - 4. bullet-proof helmet

Question ID : 8161614793  
Status : Not Answered  
Chosen Option : --

Q.5 When the Indian Councils Act 1909 was enacted, the Viceroy of India was:

- Ans
- 1. Edwin Samuel Montagu
  - 2. Lord Chelmsford
  - 3. John Morley
  - 4. Lord Minto

Question ID : 8161614805  
Status : Answered  
Chosen Option : 4

Q.6 Who among the following scholars is credited with deciphering the 'Kharosthi' script?

- Ans
- 1. RP Kangle
  - 2. HT Colebrook
  - 3. James Prinsep
  - 4. William Jones

Question ID : 8161614806  
Status : Not Answered  
Chosen Option : --

**Q.7 Which Article of the Constitution of India directs the State to take steps to separate the judiciary from the executive in the public services of the State?**

- Ans
- 1. Article 48
  - 2. Article 45
  - 3. Article 50
  - 4. Article 51

Question ID : **8161614810**  
Status : **Not Answered**  
Chosen Option : --

**Q.8 In the context of ancient Indian culture, the terms 'Nagar', 'Vesar' and 'Dravida' are the terms/names associated with the:**

- Ans
- 1. types of forts
  - 2. dance forms
  - 3. styles of temple architecture
  - 4. musical instruments

Question ID : **8161614790**  
Status : **Answered**  
Chosen Option : **3**

**Q.9 In which of the following cities did Maharaja Ranjit Singh establish his capital in 1799?**

- Ans
- 1. Amritsar
  - 2. Karachi
  - 3. Lahore
  - 4. Jalandhar

Question ID : **8161614804**  
Status : **Answered**  
Chosen Option : **3**

**Q.10 Which of the following medicines is widely used in India to treat malaria?**

- Ans
- 1. Hydroxychloroquine
  - 2. Ethambutol
  - 3. Rifampicin
  - 4. Pyrazinamide

Question ID : **8161614797**  
Status : **Answered**  
Chosen Option : **1**

Q.11 Which of the following is NOT a composition by the legendary Sanskrit poet and dramatist Kalidasa?

- Ans  1. Malvikagnimitra  
 2. Vikramorvasi  
 3. Kiratarjuniya  
 4. Meghaduta

Question ID : 8161614809  
Status : Not Answered  
Chosen Option : --

Q.12 In October 2019, the Union Government launched an initiative to promote innovative learning for talented students. The initiative has been named as:

- Ans  1. SHIKSHA  
 2. ARPIT  
 3. DHRUV  
 4. ARJUN

Question ID : 8161614812  
Status : Answered  
Chosen Option : 3

Q.13 In which of the following states is the Clouded Leopard National Park situated?

- Ans  1. Tripura  
 2. Sikkim  
 3. Meghalaya  
 4. Nagaland

Question ID : 8161614800  
Status : Answered  
Chosen Option : 2

Q.14 Who among the following became the world's youngest girl to scale Mt. Aconcagua, which is the highest peak in South America?

- Ans  1. Kaamya Karthikeyan  
 2. Arunima Sinha  
 3. Malavath Purna  
 4. Swarnalata Dalai

Question ID : 8161614792  
Status : Answered  
Chosen Option : 1

Q.15 Who among the following Indian leaders authored the book titled 'India Divided'?

- Ans
- 1. Abul Kalam Azad
  - 2. Vallabhbhai Patel
  - 3. Rajendra Prasad
  - 4. Jawaharlal Nehru

Question ID : 8161614807  
Status : Answered  
Chosen Option : 3

Q.16 In February 2020, the Union Cabinet approved the constitution of the \_\_\_\_\_ Law Commission of India.

- Ans
- 1. 22nd
  - 2. 24th
  - 3. 21st
  - 4. 23rd

Question ID : 8161614811  
Status : Not Answered  
Chosen Option : --

Q.17 Who among the following Indian athletes was voted as the World Games Athlete of the Year 2019?

- Ans
- 1. Rani Rampal
  - 2. Deepak Poonia
  - 3. Bajrang Poonia
  - 4. MC Mary Kom

Question ID : 8161614813  
Status : Answered  
Chosen Option : 1

Q.18 In which of the following states is the pre-historic site named Koldihwa located?

- Ans
- 1. Uttar Pradesh
  - 2. Telangana
  - 3. Madhya Pradesh
  - 4. Andhra Pradesh

Question ID : 8161614803  
Status : Not Answered  
Chosen Option : --

Q.19 Which of the following is the SI-derived unit for measuring electric conductance?

- Ans
- 1. Tesla
  - 2. Farad
  - 3. Siemens
  - 4. Henry

Question ID : 8161614798  
Status : Answered  
Chosen Option : 2

Q.20 Which of the following is NOT an isotope of hydrogen?

- Ans
- 1. Tritium
  - 2. Deuterium
  - 3. Lithium
  - 4. Protium

Question ID : 8161614796  
Status : Answered  
Chosen Option : 3

Q.21 Marcelo Rebelo de Sousa, who came to India on an official visit in February 2020, is the President of:

- Ans
- 1. Switzerland
  - 2. Norway
  - 3. Portugal
  - 4. Fiji

Question ID : 8161614808  
Status : Not Answered  
Chosen Option : --

Q.22 With which of the following states does Bihar NOT share its borders?

- Ans
- 1. Jharkhand
  - 2. Madhya Pradesh
  - 3. Uttar Pradesh
  - 4. West Bengal

Question ID : 8161614799  
Status : Answered  
Chosen Option : 4

**Q.23** Of the following states, which is traditionally associated with the 'Kandangi sarees', which earned the Geographical Indication (GI) tag in the year 2019?

- Ans
- 1. Gujarat
  - 2. Tamil Nadu
  - 3. Uttarakhand
  - 4. Rajasthan

Question ID : 8161614791  
Status : Answered  
Chosen Option : 2

**Q.24** Of the eight planets of our solar system, how many do NOT have any moon?

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

Question ID : 8161614795  
Status : Answered  
Chosen Option : 3

**Q.25** Which of the following state governments has launched a campaign named 'Pyaar ka Paudha' (a plant of love) to encourage tree plantation?

- Ans
- 1. Uttar Pradesh
  - 2. Bihar
  - 3. Madhya Pradesh
  - 4. Rajasthan

Question ID : 8161614794  
Status : Not Answered  
Chosen Option : --