

# SSC Selection Post Previous Year Papers 6 Nov 2020 shift 3 HSC

Section: General Intelligence 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 X 1. Son ✓ 2. Husband X 3. Paternal Uncle X 4. Brother Question ID: 8161614727 Status: Marked For Review Chosen Option: 1 Q.2 In a certain language, FUTILE is written as EGTVSUHJKMDF. How will HELPFUL be written in that language? Ans ★ 1. GIDFKMOQEGTVMN ★ 2. IJDFKMOQEGTVKM ✓ 3. GIDFKMOQEGTVKM X 4. GIDFKMQREGTVKM Question ID: 8161614720 Status: Marked For Review Chosen Option: 3

Q.3 Select the correct mirror image of the given combination when the mirror is placed to the Right side of it.

# TECHNICALPOWER

Ans

- TECHNICALPOWER 1 >
- TECHNACILPOWER 2X
- ★ 3. TECHNACILPOWER
- X 4 TECHNICALPOWER

Question ID: 8161614736

Status: Marked For Review

Chosen Option: 1

Q.4 Select the interchanges in numbers and signs that will make the given equation correct.

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

Ans

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

Question ID: 8161614732

Status: Marked For Review

Chosen Option: 1

Q.5 If 'Respect' is related to 'Offend' in the same way as 'Fragile' is related to '\_\_\_\_\_

Ans

- X 1. Feeble
- X 2. Delicate
- √ 3. Firm
- X 4. Obstruction

dda[24]7

Question ID: 8161614717

Status: Marked For Review

Chosen Option: 3

Q.6 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\_tkbd\_gtkbdf\_t

Ans

- X 1. d, t, g, f, b, g
- ✓ 2. d, t, b, g, f, g
- X 3. t, d, g, b, g, f
- X 4. t, d, b, g, f, g

Ouestion ID: 8161614725

Status: Marked For Review

- Q.7 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

- X 1. 4, 1, 5, 3, 2
- × 2. 2, 3, 5, 1, 4
- X 3. 2, 5, 3, 1, 4
- 4. 4, 3, 1, 5, 2

Question ID: 8161614714
Status: Marked For Review

Chosen Option: 4

Q.8 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:

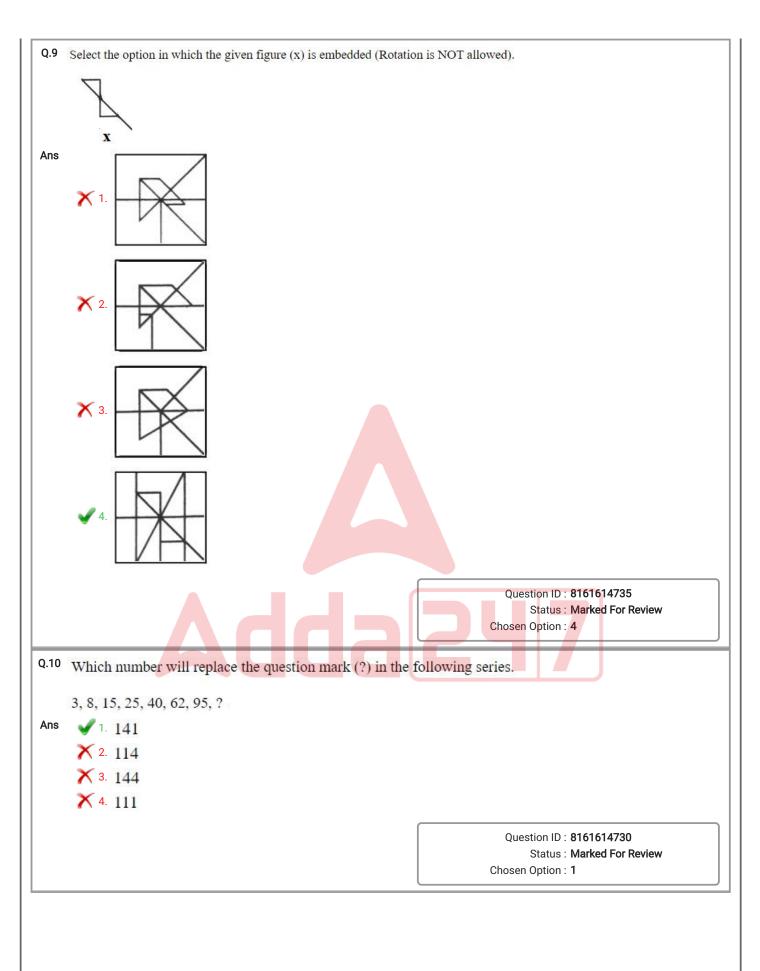
- I. All mats are cots.
- II. All cots are mats.
- III. Some vans are cots.
- IV. All vans are mats.

Ans

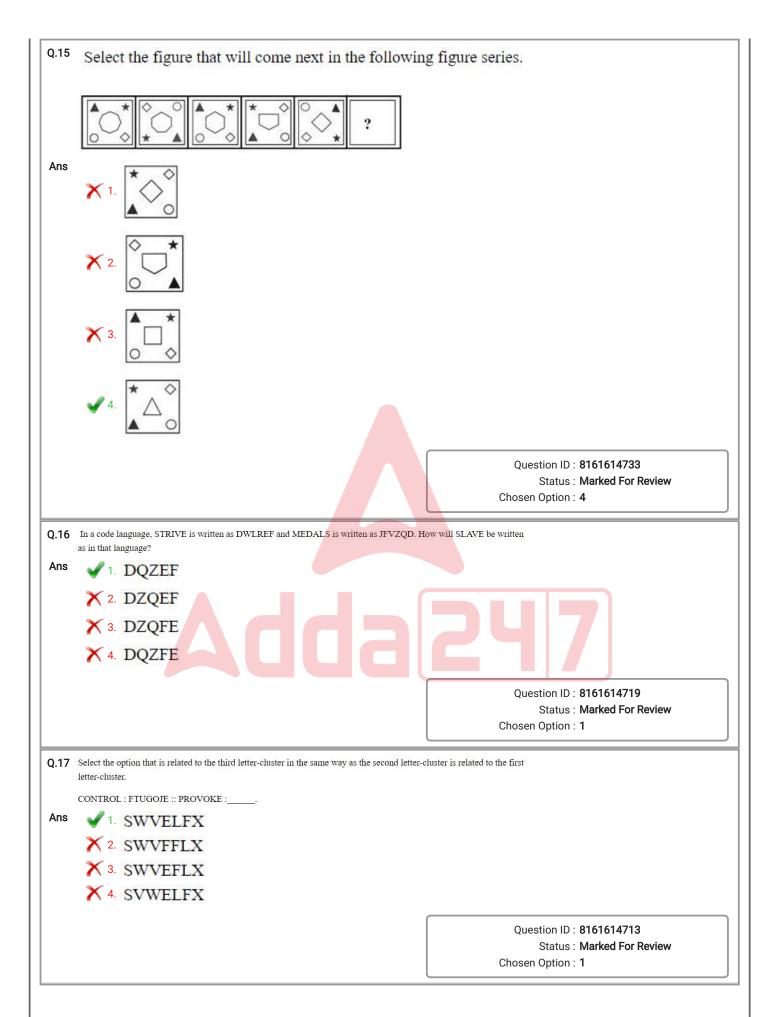
- ★ 1. Both the conclusions II and III follow
- 2. Only Conclusion IV follows
- ✓ 3. Only conclusion III follows
- X 4. Only conclusion I follows

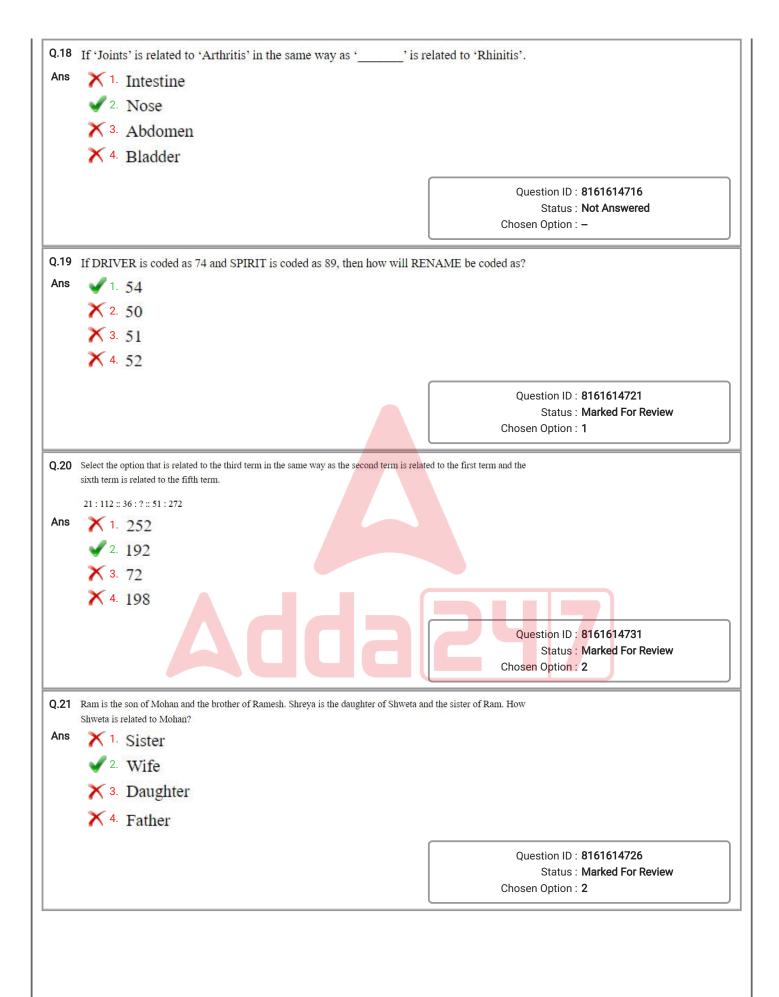
Question ID: 8161614729

Status: Marked For Review



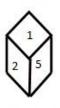
Q.11 In a certain code language, ARTICLE is written as 71451122203. How will FABULOUS be written in the same code language? Ans X 1 2022171423437 X 2. 8342314172321 X 3. 2123151423436 4. 2123171423438 Ouestion ID: 8161614723 Status: Not Answered Chosen Option: -Q.12 If ACTION is coded as 2621865 and CAMPER is coded as 6247109, then how will SOLUTE be coded as? Ans 1. 10633210 X 2. 81363120 X 3. 10434210 X 4. 81633120 Ouestion ID: 8161614722 Status: Not Answered Chosen Option: -Q.13 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 X 1. OKXRC X 2. OLXSC ✓ 3. OLYSC X 4. OKYRC Question ID: 8161614712 Status: Marked For Review Chosen Option: 3 Q.14 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 X 1, 1, 3, 2, 5, 4 2. 3, 1, 5, 4, 2 **√** 3. 3, 1, 4, 5, 2 X 4. 1, 3, 2, 4, 5 Question ID: 8161614715 Status: Marked For Review Chosen Option: 3





Q.22 Three Different positions of the same dice are shown.







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

Ans

X 1. 6

X 2. 3

**√** 3. 2

X 4. 1

Question ID : 8161614734

Status: Marked For Review

Chosen Option: 1

Q.23 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

X 2. Neither conclusion I nor II follow

3. Both the conclusions I and II follow

X 4. Only conclusion II follows

247

Question ID : **8161614728**Status : **Marked For Review** 

Chosen Option: 3

Q.24 In a code language, MUSICAL is written as XQREQWH. How will REPLACE be written as in that language?

Ans

X 1 UAWHFYJ

X 2. WAUHFYJ

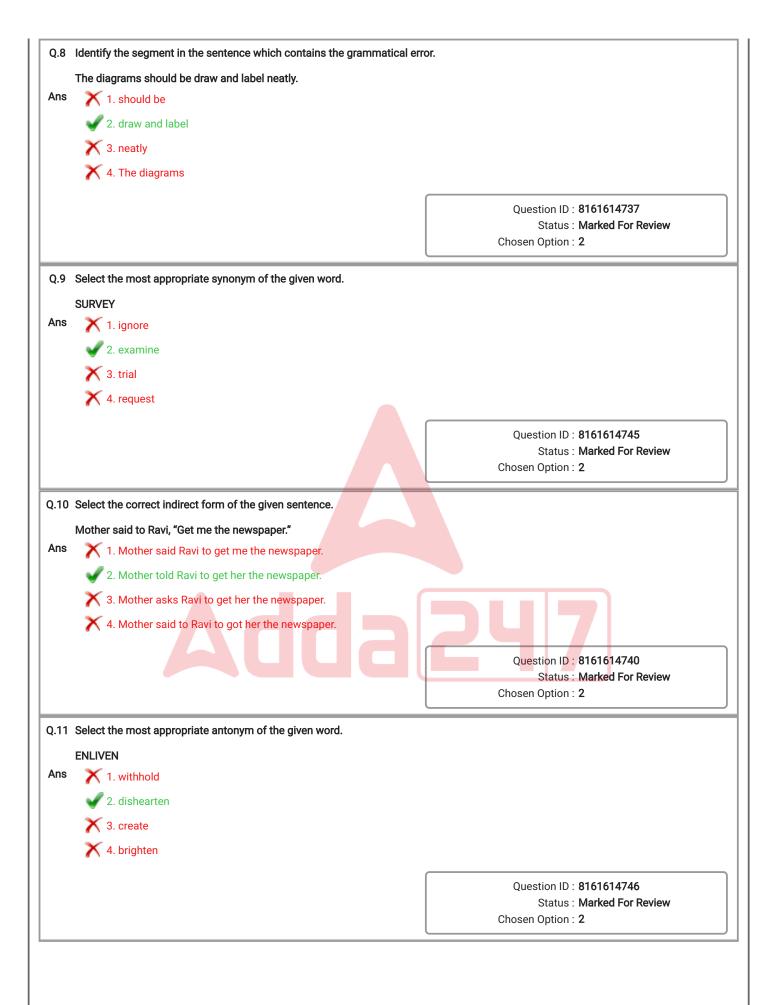
X 3. WAUHJYF

4. UAWHJYF

Question ID: 8161614718
Status: Not Answered

Q.25	Which letter will replace the question mark (?) in the following series.		
	F, J, G, K, H, L, I, ?		
Ans	X 1. N		
	× 2. P		
	✓ 3. M		
	× 4. F		
	V 1		
		Question ID : 8161614724	
		Status : Marked For Review Chosen Option : 3	
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Section: English Language			
Q.1 Select the most appropriate option to fill in the blank in the given sentence.			
	Will someone please help me lift heavy box?		
Ans	X 1. them		
	X 2. these		
	X 3. those		
	4. this		
		0. 11. 12. 044444710	
		Question ID : 8161614743 Status : Marked For Review	
		Chosen Option : 4	
0.2	Select the most appropriate meaning of the following idiom.		
Q.Z	Be on a high alert		
Ans	1. Likely to face problems due to a wrong action		
	2. Be very much in demand for something		
	3. Be watchful and ready to take action		
	4. Be known widely for your actions		
	4. Be known widely for your actions		
		Question ID: 8161614748	
		Status : Marked For Review Chosen Option : 3	
		Shooth Sphon. S	
Q.3	Select the correct passive form of the given sentence.		
	I am learning a new language this year.		
Ans	1. A new language is being learnt by me this year.		
	2. A new language has been learnt by me this year.		
	X 3. A new language was being learnt by me this year.		
	\chi 4. A new language is going to be learnt by me this year.		
		Question ID : 8161614739	
		Status : Marked For Review	
		Chosen Option : 1	

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'no substitution'. The market was crowded with shoppers and I was feel very uncomfortable. Ans X 1. no substitution 2. was felt 3. was feeling 4. am feeling Question ID: 8161614742 Status: Marked For Review Chosen Option: 3 Q.5 Select the correct passive form of the given sentence. Rosy paints beautiful landscapes. Ans 1. Beautiful landscapes is being painted by Rosy. 2. Beautiful landscapes are being painted by Rosy. 3. Beautiful landscapes are painted by Rosy. 4. Beautiful landscapes were painted by Rosy. Question ID: 8161614738 Status: Marked For Review Chosen Option: 1 Q.6 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. Mansion 🗙 2. Cloakroom 3. Dormitory X 4. Observatory Ouestion ID: 8161614749 Status: Marked For Review Chosen Option: 3 Q.7 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. Chronic 2. Pandemic 3. Infection 4. Endemic Ouestion ID: 8161614750 Status: Marked For Review Chosen Option: 1



# Q.12 Select the most appropriate meaning of the following idiom. See eye to eye Ans 1. Have similar views 2. Understand the reason 3. Have different ideas 4. Encourage someone Ouestion ID: 8161614747 Status: Marked For Review Chosen Option: 1 Q.13 Identify the word that is misspelt. X 1. Grammar 2. Appeal 3. Illumination 4. Arrogence Question ID: 8161614751 Status: Marked For Review Chosen Option: 4 Q.14 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 asked the assistant why he was taking a printout of that document. 2. Sumit asked the assistant why are they taking a printout of that document. X 3. Sumit asks to the assistant why he was taking a printout of that document. 4. Sumit ask the assistant why he is taking a printout of this document. Question ID: 8161614741 Status: Marked For Review Chosen Option: 1 Q.15 Given below are four sentences which are jumbled. Pick the option that gives the correct 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. ADCB 2. DABC 3. DACB 🗙 4. ACBD Question ID: 8161614744 Status: Marked For Review Chosen Option: 3

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. in

\chi 2. with

🗙 3. foi

X 4. to

Question ID: 8161614753 Status: Marked For Review

Chosen Option : 1

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 love

X 3. loved

X 4 love

Question ID : 8161614754

Status: Marked For Review

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. differently

X 3. closely

X 4. severely

Question ID: 8161614755

Status: Marked For Review

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: 19

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

Ans

X 1. am dropping

2. dropped

X 3. was dropped

X 4. drops

Question ID: 8161614756

Status: Marked For Review

Chosen Option :  $\boldsymbol{2}$ 

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. request

🎻 2. enquire

X 3. examine

\chi 4. withhold

Question ID : **8161614757**Status : **Marked For Review** 

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 eighthgrade 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 Complete the following sentence.

The school honoured the best student in eighth grade with:

Ans

1. a gold and green jacket with a gold S

X 2. a green jacket with the name in green

X 3. a green jacket with a gold pocket

X 4. a golden jacket with an S in green

Question ID : **8161614759**Status : **Marked For Review** 

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 eighthgrade 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.

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### SubQuestion No: 22

Q.22 Complete the following sentence.

The narrator was brought up by her:

Ans

🤇 1. sister

2. teachers

X 3. parents

4. grandparents

Question ID: 8161614760

Status: Marked For Review

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 eighthgrade 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. a, c and d

2. b, c and e

X 3. b, d and e

X 4. a, b and d

Question ID: 8161614762

Status: Marked For Review

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 eighthgrade 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 says, "I looked forward very much to owning that jacket," because:

Ans

🗶 1. it was a beautiful jacket



X 3. she wanted to prove to her teachers that she was good

X 4. the jacket had the school name on it

Question ID : **8161614761**Status : **Marked For Review** 



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 eighthgrade 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: 25

# Q.25 The narrator's 'heart sank'. She was worried because:

Ans

1. they were both arguing about her performance in sports

2. Mr. Schmidt, the history teacher, was having to defend her though she was the best student

X 3. she heard Mr. Boone say that her grades were not good

4. Mr. Boone, the math teacher was arguing in her favour

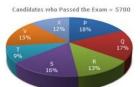
Question ID : **8161614763**Status : **Marked For Review** 

Chosen Option: 3

Section: Quantitative Aptitude

Q.1 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

X 1. 445

X 2. 580

X 3. 485

**4** 4. 456

Question ID : **8161614788** 

Status: Marked For Review

Chosen Option: 4

Q.2 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

X 1. 35,000

× 2. 37,500

**3.** 30,000

**X** 4. 40,000

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Question ID : 8161614772 Status : Not Answered

Chosen Option: -

**Q.3** 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

X 1. 68°

√ 2. 86°

**X** 3. 72°

X 4. 78°

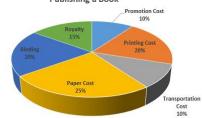
Question ID: 8161614783

Status: Marked For Review

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 X 1. 325 X 2. 400 X 3. 450 **4**. 285 Question ID: 8161614778 Status: Marked For Review Chosen Option: 4 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.** 28 X 2. 32 X 3. 42 X 4. 40 Question ID: 8161614766 Status: Marked For Review Chosen Option: 1 Q.6 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 X 1. ₹10,000 × 2. ₹7,500 **√**3. ₹5,980 **X** 4. ₹11,000 Question ID: 8161614770 Status: Not Answered Chosen Option: -

Q.7 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  $\overline{<}160,000$ , then what should be the selling price of a book such that the publisher can earn a profit of 25%?

Ans

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

- Question ID: 8161614787 Status: Not Answered
- Chosen Option: -
- Q.8 In  $\triangle$  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

- $\times$  1.  $\frac{a(c+b)}{c-b}$
- $\times$  2.  $\frac{ab}{b+c}$
- $\times$  3.  $\frac{a(c-b)}{c+b}$
- $\checkmark$  4.  $\frac{ac}{b+c}$

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- Question ID: 8161614784 Status: Not Answered
- Chosen Option : -

Q.9 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

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

Question ID: 8161614786

Status: Marked For Review

Chosen Option: 2

Q.10 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

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

Question ID: 8161614771

Status: Marked For Review

Chosen Option: 2

Q.11 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

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

Question ID: 8161614768

Status: Not Answered

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 X 1. 54
  - X 2. 51
  - **3**. 28
  - X 4. 26

Question ID: 8161614781 Status: Not Answered

Chosen Option: -

Q.13 A circle circumscribes a rectangle whose sides are in the ratio of 4:3. If the area of the rectangle is 192 cm<sup>2</sup>, then the perimeter (in cm) of the circle is:

Ans

- √ 1. 20 π
- × 2. 10 π
- X 3. 12π
- × 4. 15 π

Question ID: 8161614780

Status: Marked For Review

Chosen Option: 1

Q.14 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:

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

Question ID: 8161614782

Status: Not Answered

Chosen Option: -

Q.15 If  $14331433 \times 1423 \times 1425$  is divided by 12, then what will be the remainder?

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

Question ID: 8161614764

Status: Not Answered

Q.16 If decreasing 70 by x% yields the same result as increasing 60 by x%, then x% of 91 is: Ans





X 3. 8

**X** 4. 5

Question ID: 8161614769 Status: Not Answered

Chosen Option: -

Q.17 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

Ans





X 3. 8,000

X 4. 9,000

Question ID: 8161614775 Status: Not Answered

Chosen Option: -

Q.18 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

Question ID: 8161614776

Status: Marked For Review

Chosen Option: 3

Q.19 If 
$$2\cos^2\theta - 5\cos\theta + 2 = 0,0^{\circ} < \theta < 90^{\circ}$$
, then the value of  $\frac{1}{(\csc\theta + \cot\theta)}$  is:

$$\sqrt{1} \cdot \frac{\sqrt{3}}{3}$$

$$\times$$
 4.  $\frac{1}{3}$ 

Ouestion ID: 8161614785 Status: Not Answered

