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SSC CGL 19th April 2022 Shift-2

General Intelligence and Reasoning

- 1. Select the option that is related to the third term in the same way as the second term is related to the first term. QUICKER: TGMEKWS:: REPORTS:?
- A UVTRRHT
- **B** VUTORGS
- **C** USVQRGT
- **D** UVTQRGT

Answer: D

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2. Select the correct combination of mathematical signs that can sequentially replace the * signs to balance the following equation.

22 * 66 * 33 * 11 * 44 * 0

- $\mathbf{A} \quad \div, +, \times, -, =$
- $\mathbf{B} + \div, \div, \times =$
- $\mathbf{c} \times \div + =$
- $\mathsf{D} +, \div, \times,$

Answer: D

- 3. In a certain code language, 'FIXED' is written as 'XIFED', and 'MOUSE' is written as 'USOME'. How will 'GAMBIT' be written in that language?
- **A** TMIGBA
- **B** TGMIBA
- C TIMGAB
- **D** TMGIBA

Answer: A

4. If '@' means 'addition', '%' means 'multiplication', '\$' means 'division' and '#' means 'subtraction', then find the value of the following expression.

126 \$ 7 % 3 @ 19 # 21

- **A** 52
- **B** 23
- **C** 18
- **D** 4

Answer: A

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- 5. Select the number from among the given options that can replace the question mark (?) in the following series. 12, 38, 116, 350, ?
- **A** 1012
- **B** 1052
- **C** 986
- **D** 916

Answer: B

- 6. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. PGF, QJK, RMP, SPU, ?
- A USX
- **B** RTZ
- C STY
- **D** TSZ

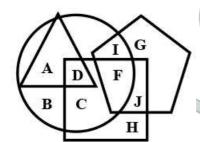
Answer: D

- 7. If swati's father is maternal grand father of divya who is the daughter of manya, then how manya's husband's father is related to divya.
- A Maternal Uncle
- **B** Grandfather
- C Paternal Uncle
- **D** Father

Answer: B

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8. In the following Venn diagram, the pentagon stands for 'clerks', the triangle stands for 'coffee-lovers', the square stands for 'carowners' and the circle stands for 'social workers'. The given letters represent the persons in that particular category.



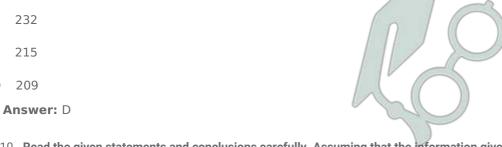
Which of the following categories of persons is represented by the letter 'D'?

A Car-owners who are coffee-lovers but not social workers

Coffee-lovers who are car-owners, social workers and clerks also Coffee-lovers ,who are either car-owners or social ,workers

Coffee-lovers who are car-owners and social workers also

- Answer: D
 - 9. Select the number from among the given options that can replace the question mark (?) in the following series. 361, 323, 285, 247, ?
- 227
- В



10. 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 schools are colleges.

All colleges are universities.

Conclusions:

- I. All universities are schools.
- II. Some universities are colleges.
- Both the conclusions follow.
- Only conclusion I follows.
- Either conclusion I or II follows.
- Only conclusion II follows.

Answer: D

SSC CGL Tier-2 Previous Papers PDF

- 11. Select the option that represents the correct order of the given words as they would appear in an English dictionary.
 - 1. Speaking
 - 2. Standardize
 - 3. Southern
 - 4. Stampede
 - 5. Spacious
 - 6. Sovereignty
- 3, 4, 6, 5, 1, 2
- 3, 2, 6, 1, 4, 5
- 3, 6, 2, 4, 1, 5
- 3, 6, 5, 1, 4,

Answer: D



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1	4. Six letters, A, P, K, U, W and N, are written on different faces of a dice. Two positions of this dice are shown. Select the letter that will be on the face opposite to the one having N.
A	$(A \cap K) \cap K \cap $
В	W
C D	P A
A	Answer: A
1	5. Raghav, Manpreet, Sunaina, Prakrit, Vedika and Arwa are sitting around a circular table facing the centre. Raghav is second to the left of Prakrit. Manpreet is to the immediate left of Sunaina. Arwa is second to the right of Vedika. There are an equal number of persons between Raghav and Manpreet from both the ends. Who is sitting third to the left of Sunaina?
A	Vedika
В	Arwa
С	Prakrit
D	Raghav
A	Answer: B
1	6. In a certain code, 'jig fig vic' means 'I love India' and 're dig fig lic vic' means 'I like culture of India'. Which of the following is the code for 'love'?
A B	jig fig
С	vic
D	lic Answer: A
,	Allswer: A
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1	7. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.
A	LQJ
В	FKP
С	sxc
D	HLP
A	Answer: D

- 2830384022614362
- 2830204222414184
- 2830384022414182
- 2832384222416182

Answer: C

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

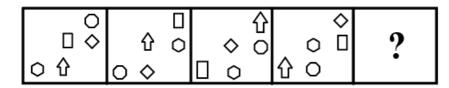


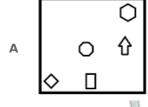
- Ewbazt
- Awbaz4
- Ewbaz4
- Ewbaz4

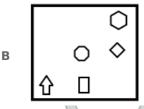
Answer: D

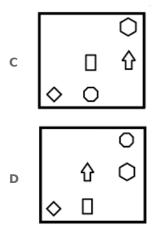
General Science Notes for SSC CGL

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











- 21. Select the option in which the two numbers are related in the same way as are the two numbers of the following number-pair. 25:343
- A 34:510
- **B** 30:729
- C 29:121
- **D** 24:216

Answer: D

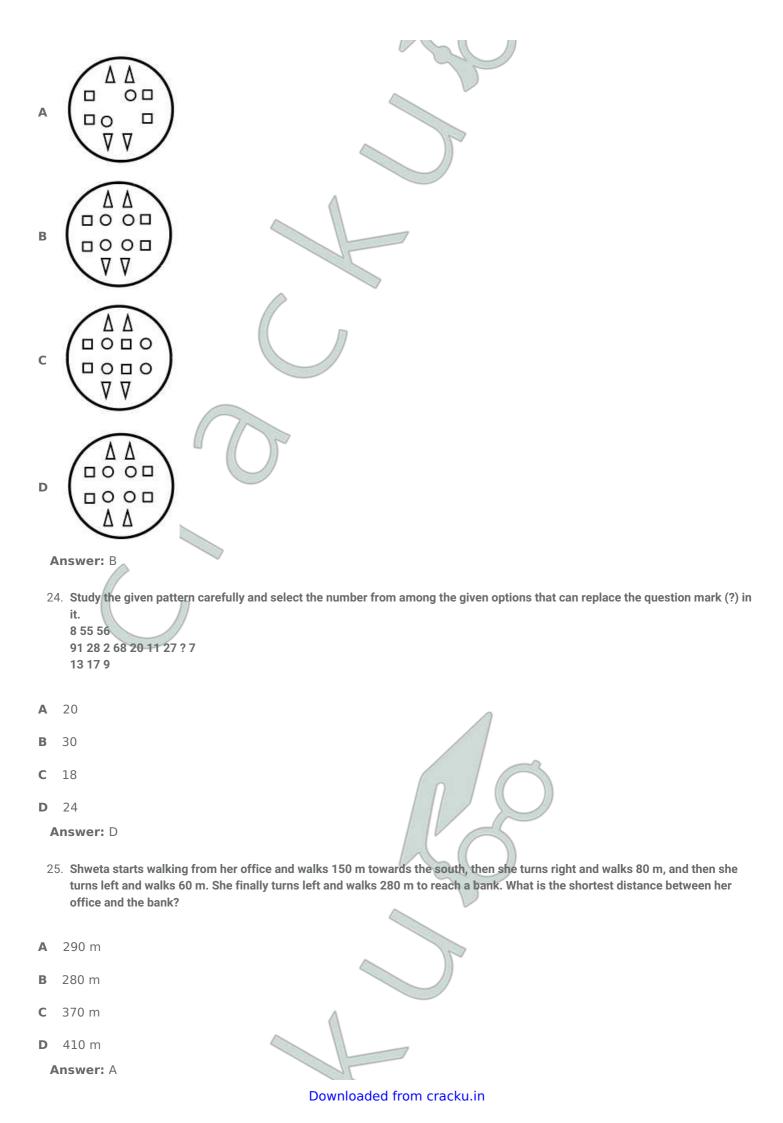
- 22. A total amount of ₹2,95,000 is to be distributed between Vineet, Prateek and Mayank in such a way that Vineet gets half of the amount that Mayank gets and Prateek gets ₹25,000 less than Vineet. How much amount will Vineet get?
- **A** ₹70,000
- **B** ₹80,000
- **C** ₹85,000
- **D** ₹55,000

Answer: B

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23. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?





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	General Awareness
2	6. The Constituent Assembly was recognised by Section of the Indian Independence Act, 1947.
A	8(1)
В	6(2)
C	12(2)
D	10(1)
1	Answer: A
2	SSC Free Preparation App 7. Which day has been declared by the World Health Organization as Hand Hygiene Day?
A	5th May
В	21st July
C	14th June
D	18th August
	Answer: A
2	8. Lalita is a form of folk music from
A	Rajasthan
В	Madhya Pradesh
C	Maharashtra
D	Gujarat
	Answer: C
2	9. Which of the following is a disease caused by drinking contaminated water?
A	Rickets
В	Anaemia
С	Scurvy
D	Cholera
	Answer: D

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30	0. Capsaicinoids, carotenoids, phenolics, and vitamins are dominant chemicals in which of the following foods?
A	Carrot
В	Radish
С	Garlic
D	Chilli
Δ	Answer: D
31	The Hundru Fall lies along the course of which of the following rivers?
A	Mahanadi
В	Sone
С	Damodar
D A	Subarnarekha Answer: D
32	2. After the death of Shri Guru Gobind Singh, the Sikhs revolted against the under the leadership of Banda Bahadur.
A	Mughals
В	Gurkhas
С	Marathas
D	British
Δ	Answer: A
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30	3. In which of the following years was the Mont-Ford Reforms report presented by the British colonial government in India?
A	1942
В	1918
С	1907
D A	1934
	Answer: B
34	4. Who among the following Indian musicians was a part of a band named 'Planet Drum' along with Mickey Hart, Sikiru Adepoju, and Giovanni Hidalgo, whose first album received the 1992 Grammy Award for Best World Music Album, which was the first Grammy in this category?
A	Hariprasad Chaurasia
В	Zakir Hussain
С	Ravi Shankar

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D	Bhimsen Joshi
1	Answer: B
2	5. Who among the following was nominated for the Saraswati Samman, 2020?
3	5. Who among the following was nominated for the Saraswatt Samman, 2020?
A	Sharankumar Limbale
В	Manishankar Mukherjee
С	Manoj Das
D	Pratibha Ray
A	Answer: A
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3	6. With which of the following organisations was Lala Har Dayal associated?
Α	Indian Independence League
В	Indian Home Rule Society
С	Ghadar Party
D	Swaraj Party
A	Answer: C
3	7. Which of the following is a mountain between India and Nepal?
A	Dhaulagiri
В	Makalu
С	Manaslu
D	Kanchenjunga
-	Answer: D
3	8. According to the Union Budget 2020-2021, the bank credit growth as of January 1, 2021, stood at%
A	6.7
В	5.9
С	7.1
D	5.2
A	Answer: A
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39. Which of the following is a characteristic of amorphous solids?

A	Gradual softening over a range of temperatures
В	A definite and characteristic enthalpy of fusion
С	Melting at a sharp and characteristic temperature
D	A definite characteristic geometrical shape
A	Answer: A
4	D. What is the atomic number of nitrogen?
A	8
В	6
С	7
D	5
	Answer: C
4	 Which of the following techniques can be used for reducing the total dissolved solids (TDS) in water? (1) Ion Exchange (2) Distillation (3) Carding
Α	Both 1 and 2
В	Only 1
С	Only 3
D	Both 2 and 3
Į.	Answer: A
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4	2. The 74th Amendment Act of 1992 added a new Part to the Constitution of India.
A	x
В	IX-A
С	IX
D	VIII
A	Answer: B
4	3. As per the Economic Survey 2021, in which of the following states did the proportion of households that had health insurance decrease by 12% from 2015-16 to 2019-20?
A	Sikkim
В	Bihar
С	Assam

D	West Bengal
	Answer: D
4	4. In India, the Protection of Children from Sexual Offences (POCSO) Act, is a comprehensive law to provide for the protection of children from the offences of sexual assault, sexual harassment and pornography, while safeguarding the interests of the child.
A	2006
В	2010
C	2008
D	2012
	Answer: D
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4	5. Fatorpa Zatra is celebrated in which of the following state of India?
A	Himachal Pradesh
В	Goa
C	Madhya Pradesh
D	Kerala
	Answer: B
4	6. Who among the following created a national record in the javelin throw event at the third Indian Grand Prix meet in March 2021?
A	Vipin Kasana
В	Neeraj Chopra
C	Shivpal Singh
D	Devendra Jhajharia
	Answer: B
4	7. Which of the following is a foreign bank operating in India as of 31st May 2021?
A	BNP Paribas
В	ICICI Bank Ltd
C	Axis Bank Ltd
D	HDFC Bank Ltd
	Answer: A
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48. Who among the following won the All England Open Badminton Championship 2020 in the Men's Singles category?

- A Anders Antonsen
- B Chou Tien-chen
- C Viktor Axelsen
- **D** Kento Momota

Answer: C

- 49. Which of the following is the shallowest part of the ocean showing an average gradient of 1° or even less?
- A ontinental slope
- **B** Oceanic deeps
- C Deep sea plain
- **D** Continental shelf

Answer: D

- 50. Who among the following is the author of the book 'The Coalition Years'?
- A Pranab Mukherjee
- **B** KR Narayanan
- C Giani Zail Singh
- D APJ Abdul Kalam

Answer: A

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Quantitative Aptitude

- 51. X, Y and Z can complete a piece of work in 46 days, 92 days and 23 days, respectively. X started the work. Y joined him after 7 days. If Z joined them after 8 days from the beginning, then for how many days did Y work?
- **A** $12\frac{5}{7}$
- **B** 10^{5}_{7}
- **c** $9^{\frac{5}{7}}$
- **D** $11\frac{5}{7}$

Answer: D

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52. If $x^2-5x-1=0$, what is the value of $x^6-x^4+x^2-1$

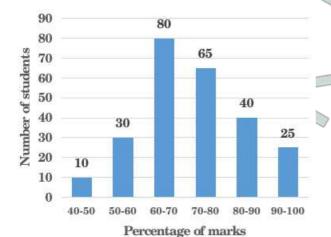


C 135

D 130

Answer: C





The number of students who have obtained less than 50% marks is approximately what percentage less than the number of students who have obtained 90% marks and above?

A 40%

B 75%

C 80%

D 60%

Answer: D

54. A car covers a distance of 90 km in 50 min What is its speed (in m/s)?

A 30

B 108

C 60

D 90

Answer: A

SSC CGL Tier-2 Previous Papers PDF

55. An article is sold at a profit of $13\frac{1}{4}$. Had it been sold for ₹76.70 more, the profit would have been $16\frac{1}{5}\%$. 50% of the cost price of the article (in ₹) is:

A 1,500

B 1,250

Answer: C

56. What is the simplified value of the following?

$$9 \div \frac{3}{7} of (9 + 6 \times 4 - 2) + \left[\frac{1}{5} \div \frac{7}{25} - \left\{ \frac{5}{8} + \frac{6}{16} \right\} \right]$$

$$24 \div 16 - 10 + 36 \div (5 + 20 \div 4 - 1)$$

- A 40
- **B** $\begin{array}{c} 51 \\ 56 \end{array}$
- **c** $^{5}_{56}$
- **D** $\frac{7}{40}$

Answer: C

57. If 8A5146B is divisible by 88 then what is the value of $\ensuremath{A^8}$?

- **A** 27
- **B** 81
- **C** 12
- **D** 64

Answer: B

SSC CGL Important Questions PDF

58. Find a single discount percentage equivalent to successive discounts of 10%, 20% and 25%.

- **A** 55%
- **B** 46%
- **C** 18.3%
- **D** 20%

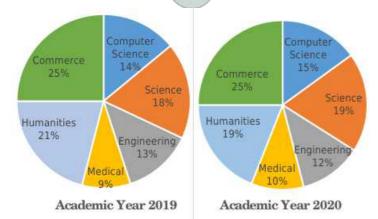
Answer: B

59. If $a^2 + b^2 + 49c^2 + 18 = 2\,(b + 28c - a)$, then the value of (2a - b + 7 c) is:

- **A** 1
- **B** -3
- **C** -4
- **D** 5

Answer: A

60. The following pie-charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400, respectively, in academic years 2019 and 2020. What is the ratio of the number of students studying science in the year 2019 to that in the year 2020?



- **B** 20:21

15:19

- **C** 18:19
- **D** 14:15

Answer: A

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- 61. Two similar jugs have their heights of 8 cm and 12 cm, respectively. If the capacity of the smaller jug is 80 cm^3 , what is the capacity of the bigger jug (in cm^3)?
- **A** 270
- **B** 216
- C 192
- **D** 120

Answer: A

- 62. If $\cos B = {5 \atop 7}$, what is the value of $\, \csc B + \cot B$? Given that $\, 0 < B < {2 \atop 2}$
- **A** $_{12}^{\sqrt{6}}$
- $\mathbf{B} \quad \sqrt{6}$
- \mathbf{C} $\sqrt{6}$
- $\mathbf{D} \quad \begin{array}{c} 5 \\ \sqrt{6} \end{array}$

Answer: B

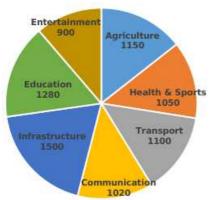
63. The given pie charts show the number of start-ups in various industries since 2010 at the the number of successful start-ups in those industries.

Study the charts and answer the question that follows.

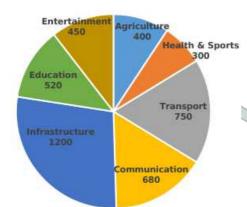
Start-ups in various industries started since 2010

Entertainment
900

Agriculture
1150



Successful start-ups in various industries



What should be the increase in the number (to the nearest integer) of successful start-ups in the industry of Health & Sports, so that its success percentage is the same as that of Education?

A 220

B 127

C 155

D 187

Answer: B

General Science Notes for SSC CGL

64. A is 120% of B and B is 65% of C. If the sum of A, B and C is 12 1.5, then the value of C - 2B + A is:

A 24

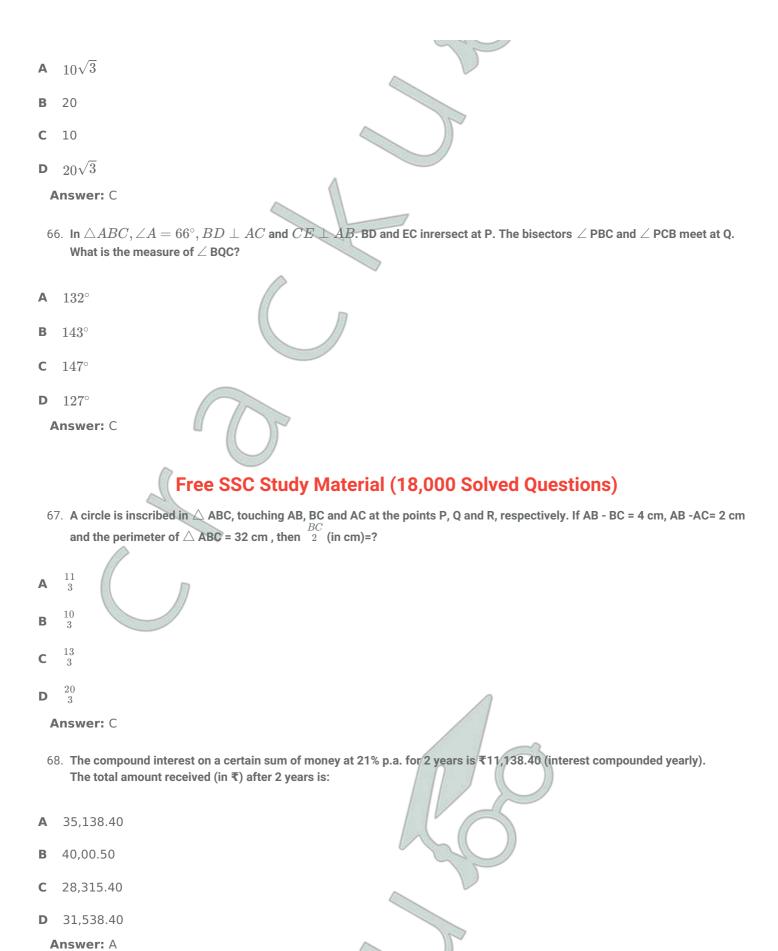
B 14

C 39

D 35

Answer: A

65. A 20 m long ladder rests against a wall so that the angle between the ladder and the wall is 30° . How far (in m) is the base of the ladder from the wall?



69. Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



The total exports of cars of type B from 2015 to 2018 is what percentage more than the total exports of cars of type A from 2015 to 2018 (correct to one decimal place)?

- **A**]4.9%
- **B** 17.2%
- **C** 16.7%
- **D** 15.5%

Answer: C

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- 70. Chords AB and CD of a circle intersect externally at P. If AB = 7 cm, CD = 1 cm and PD = 5 cm, then 50% of the length of PA (in cm) is:
- **A** 5
- **B** 10
- **C** 8
- **D** 3

Answer: A

- 71. A and B had a joint business in which A invested ₹60,000 in the business for one year. After 3 months B invested ₹80,000. At the beginning of the second year, A invested ₹30,000 more and B withdrew ₹5,000. At the end of two years, profit earned by A is ₹35,880. What is the profit (in ₹) earned by B, if they distributed half of the total profit equally and rest in the capital ratio?
- **A** 58,940
- **B** 69,920
- **C** 34,040
- **D** 38,060

Answer: C

- **A** 18
- **B** 20
- **C** 21
- **D** 24

Answer: B

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- 73. The circumcentre of an equilateral triangle is at a distance of 3.2 cm from the base of the triangle. What is the length (in cm) of each of its atitudes?
- **A** 9.6
- **B** 6.4
- C 12.8
- **D** 7.2

Answer: A

- 74. What is the LCM of 3.6, 18 and 0.144?
- **A** 36
- **B** 3600
- **C** 3.6
- **D** 360

Answer: C

75. If $\cos 53^\circ = \overset{x}{y}$, then $\sec 53^\circ + \cot 37^\circ$ is equal to:

$$\mathbf{A} \qquad \begin{array}{c} x + \sqrt{y^2 - x^2} \\ x \end{array}$$

$$\mathbf{B} \qquad \begin{array}{c} x + \sqrt{y^2 - x^2} \\ y \end{array}$$

$$\mathsf{c}^{y+\sqrt{y^2-x^2}}$$

$$\mathbf{D} = y + \sqrt{y^2 - y^2}$$

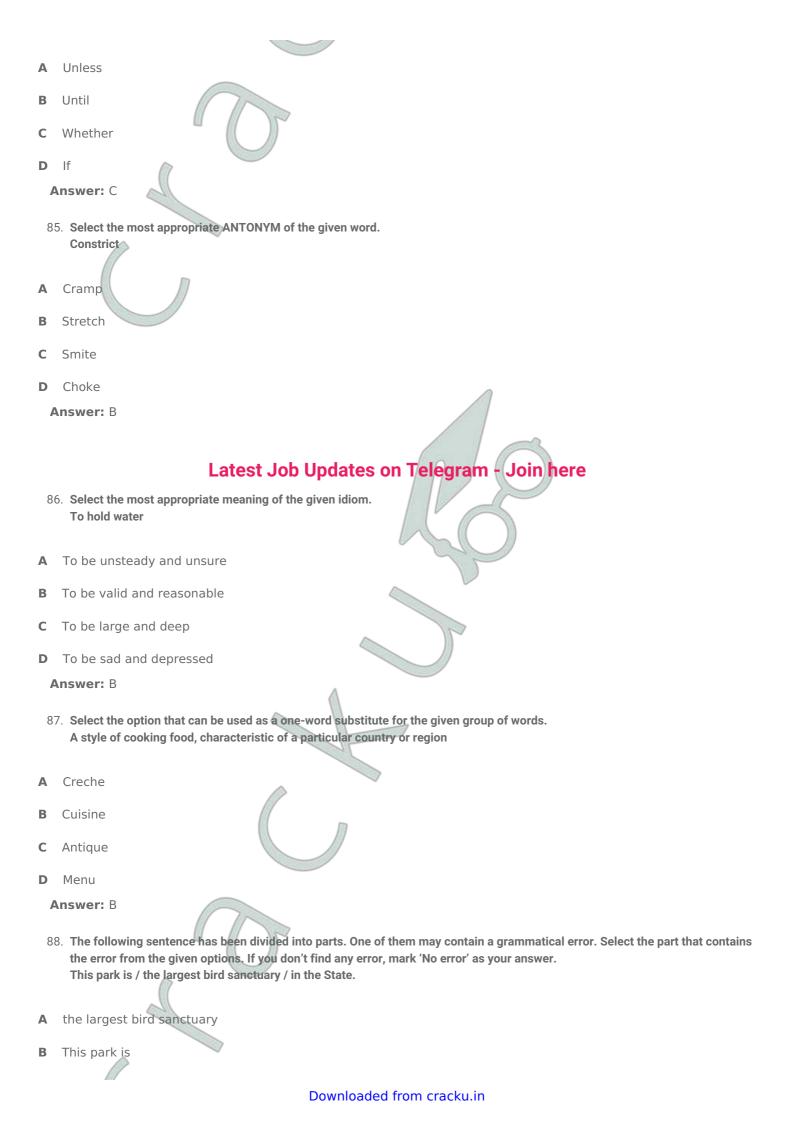
Answer:

English Comprehension

76. Select the most appropriate ANTONYM of the given word. **Taut** Slack Strong Solid Tight Answer: A SSC CGL Free Online Coaching 77. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. I was angry / on myself / for making / such a silly mistake. such a silly mistake on myself I was angry for making Answer: B 78. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. Since setting up, the charity has raised a million dollars. Since setting Since being set up No improvement required From setting up Answer: B 79. Select the most appropriate synonym of the given word. Monotonous Boring Compulsory Momentous Eventful Answer: A

SSC CHSL Previous Question papers (download pdf)

8	30. Select the option that can be used as a one-word substitute for the given group of words. Unable to express feelings clearly
A	Inarticulate
В	Verbose
С	Affluent
D	Eloquent
1	Answer: A
8	31. Given below are four jumbled sentences. Select the option that gives their correct order.
	A. For example, the sound of footsteps followed by the slam of a door are like phrases which convey some information. B. In films, sound effects play the part of words.
	C. We then know who is performing an action and why, and a clear picture is formed in our mind's eye. D. Once the sounds are prefaced or followed by a dialogue, the sentence is complete.
	bi ente and countries at the protection of the p
A	DCBA
В	BCDA
С	CBDA
D	BADC
1	Answer: D
8	32. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
	I asked my friend / where had he / learnt to dance / so well.
A	learnt to dance
В	so well
C	I asked my friend
D	where had he
4	Answer: D
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8	33. Select the most appropriate synonym of the given word. Abandon
	Abdition
A	Rescue
В	Quit
C	Retain
D	Possess
4	Answer: B
8	34. Select the most appropriate option to fill in the blank.
	or not you allow me, I am going to the fair.



- No error
- **D** in the State

Answer: C

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- 89. Select the most appropriate meaning of the given idiom. Play with fire
- A To spread knowledge
- B To fight an opponent
- C To be courageous
- **D** To do something dangerous

Answer: D

- 90. The following sentence has been divided into parts. One of them may contain an error.

 Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

 Shamim have not / attended school / for four days now.
- A Shamim have not
- **B** for four days now
- C attended school
- D No error

Answer: A

- 91. Select the correct passive voice form of the given sentence. The Chief Minister inaugurated the new hospital.
- **A** I will be assigning a new project to my manager.
- **B** My manager is assigning me a new project.
- **C** I am being assigned a new project by my manager.
- **D** My manager has assigned me a new project.

Answer: A

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- 92. Select the option that expresses the given sentence in direct speech.

 She asked me what my favourite cuisine was.
- A She said to me, "What your favourite cuisine was?"
- **B** She said to me, "What is your favourite cuisine?"
- C She said to me, "What my favourite cuisine is?"



D	She said to me, "What is my favourite cuisine?" Answer: B
9	3. Select the INCORRECTLY spelt word.
A	Conscious
В	Opportunity
С	Disturbence
D	Genius
	Answer: C
9	4. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. The dress may pleasantly be delivered to us at the earliest.
A	must pleasantly
В	might kindly
С	may kindly
D	No substitution required Answer: C
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9	5. Select the option that expresses the given sentence in passive voice. Can you carry my bag upstairs?
A	Could your bag be carried upstairs by me?
В	Can my bag be carried upstairs by you?
С	Was my bag carried upstairs by you?
D	Can your bag be carried upstairs by me?
	Answer: B
	tructions [96 - 100]
	he following passage, some words have been deleted. Select the most appropriate option to fill in each blank.
ро	llution is destroying nature. The smoke that is (1) from the chimneys of the factories, and from vehicles is the mixture of sonous gases. Due to environmental pollution, there is (2) in nature, so, many birds, animals, and plants are on the verge of (3) day by day. The only way to (4) environmental pollution is to plant many trees. By planting trees, we can get rid of many rmful poisonous gases. It is the responsibility of everyone to (5) and protect our environment.
9	6. Select the most appropriate option to fill in blank number 1.
A	emitted
В	generated
С	absorbed

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A sustain

- **B** radiate
- **C** introduce
- **D** eradicate

Answer: D

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

- A destroy
- **B** neglect
- **C** preserve
- **D** ruin

Answer: C



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