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SSC CGL 13th April 2022 Shift-3

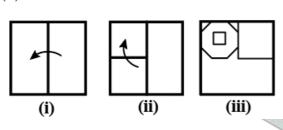
General Intelligence and Reasoning

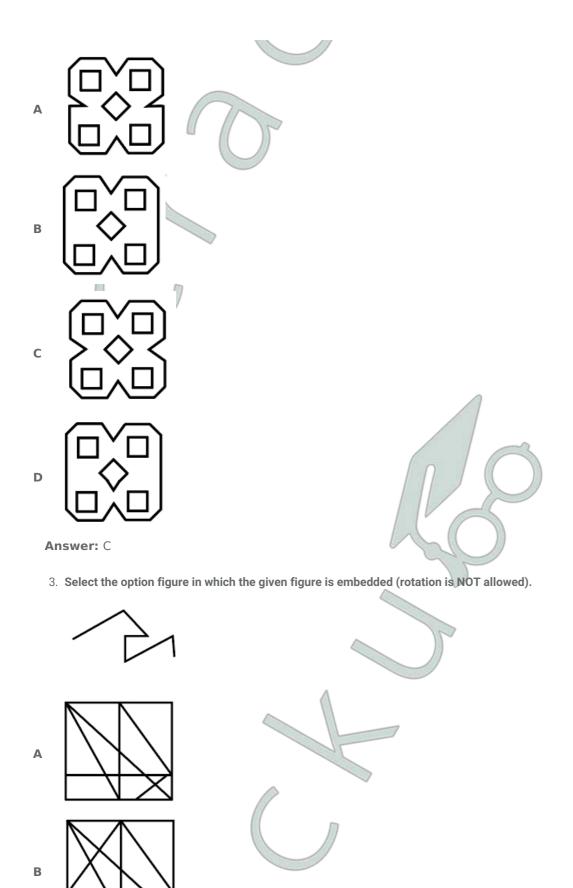
1. Which of the option figures when rotated $\,180^\circ$ clockwise and then $\,45^\circ$ anticlockwise will result in the given question figure?

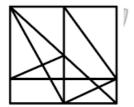


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2. The sequence of folding a piece of paper (figures i and ii) and the manner in which the folded paper has been cut (figure iii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (iii).







Answer: D

4. Select the option that is related to the third number in the same way as the second number is related to the first number.

7:56::11:?

- **A** 77
- **B** 98
- C 132
- **D** 101

Answer: C

SSC CGL Previous Papers (DOWNLOAD PDF)

5. Select the correct water image of the given combination of numbers.

8965423

- **8965423**
- 8 8 6 6 5 \$ 2 3
- c 89354<u>2</u>E
- 8 9 6 5 4 2 3

Answer: A

- 6. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
- A CNDV
- **B** DBJH
- **C** SYGM
- **D** LRPV

Answer: A

7. Five friends, Vishnu, Chirag, Raina, Kavya and Surbhi, are sitting around a circular table, facing the centre. Vishnu is to the immediate right of Kavya. Chirag is third to the left of Kavya. Surbhi is not adjacent to Chirag. Who is second to the left of Kavya?



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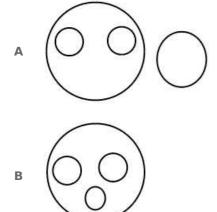
- 8. Select the number from among the given options that can replace the question mark (?) in the following series. 240, 120, ?, 180, 360, 900
- **A** 120
- **B** 148
- **C** 130
- **D** 150

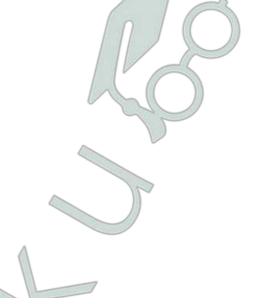
Answer: A

- 9. In a certain code language, 'MANIA' is written as 'NZOHZ' and 'PROUD' is written as 'QSNTE'. How will 'DONKEY' be written in that language?
- A EPOLFZ
- **B** ENOLDZ
- C CNONDZ
- **D** ENPLDX

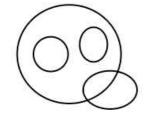
Answer: B

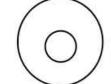
10. Select the Venn diagram that best represents the relationship between the following. Human, Teacher, Clerk, Peon

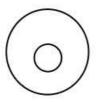












Answer: B



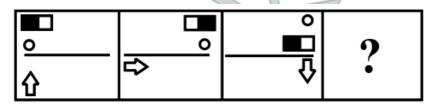
- 11. Select the number from among the given options that can replace the question mark (?) in the following series. 7, 11, 14, 25, 29, 55,?
- **A** 59
- **B** 60
- **C** 95
- **D** 90

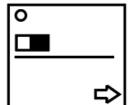
Answer: B

- 12. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series. Q_T_S_K_R_K_RS
- A KRQTSKT
- B KRQTSQR
- C KRTRSQT
- D KRQTSQT

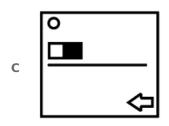
Answer: D

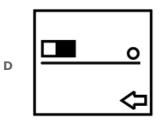
13. Select the figure from among the given options that can replace the question mark (?) in the following series.





В





Answer: C

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14. In a certain code language, LOOK is coded as 2330 and BALL is coded as 1413. How will HELP be coded in that language?

- **A** 3461
- **B** 2420
- **C** 2417
- **D** 2415

Answer: C

15. Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation. 34 * 17 * 54 * 18 * 6 * 56

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

Answer: C

16. Select the correct option that makes the given words logical and meaningful.

- 1. To display
- 2. Making scratch
- 3. filling Colour
- 4. doing frame
- **A** 3, 4, 2, 1
- **B** 4, 3, 1, 2
- **C** 2, 3, 4, 1
- **D** 2, 1, 4, 3

Answer: C



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17. The average score (runs/match) of Mithali before the start of the women's national series was 45. In the women's national series of 10 matches, her total score was 500 runs. Find the total number of matches played by her till date, if her new average after the series is 47.5.

- **A** 28
- **B** 30
- **C** 20
- **D** 38

Answer: C

18. Select the number that can replace the question mark (?) in the given table.

5 16 7

8 19 149

13 12 ?

- **A** 153
- **B** 155
- **C** 151
- **D** 157

Answer: A

19. If the numbers 15 and 21 are interchanged, then which of the following equations will be correctly balanced?

A
$$62 \div 31 - 21 + 15 \times 3 = 80$$

B
$$63 \div 15 + 21 \times 5 - 4 = 74$$

C
$$26 + 21 \times 15 \div 3 - 14 = 108$$

D
$$24-21 \div 3+15-7=23$$

Answer: B

General Science Notes for SSC CGL

20	Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. DJRZ, HDZP, LXHF, PRPV, ?
Δ	TLXM
В	TMXK
С	TLXL
D	ULYL
A	nswer: C
21	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: No police officer is a doctor. Some doctors are specialists. All engineers are doctors.
	Conclusions: I. Some engineers are police officers. II. No engineer is a police officer. III. Some doctors are engineers.
4	Only conclusions II and III follow.
В	Only conclusions I and II follow.
С	Only conclusion II follows.
D	Either conclusion I or II and III follow(s).
A	nswer: A
22	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. KCH: GXS:: TJD:?
4	QMX
В	QNW
С	PNH
D	PQW
A	nswer: D
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23	. In a certain code language.

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'cool drinks available here' is written as 'bhu man juk lop', 'available lost objects here' is written as 'gan bhu nut juk', 'be cool search objects' is written as 'vax der man nut', and 'available drinks desert search' is written as 'but juk der lop'.

How will 'lost drinks' be written in that language?



- **B** nut gan
- **C** gan lop
- **D** juk gan

Answer: C

- 24. If Arpita is the only daughter of Pritam's wife's mother's husband, then how is Arpita related to Pritam's son?
- A Paternal granddaughter
- **B** Mother
- **C** Daughter
- **D** Sister

Answer: B

25. Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one having 4.





- **A** 1
- **B** 5
- **C** 2
- **D** 6

Answer: B



General Awareness

- 26. Fouaad Mirza is an Indian _____
- A cricketer
- **B** equestrian
- **c** boxer
- **D** golfer

Answer: B

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A	Kamet
В	Nanda Devi
С	Hathi Parvat
D	Anamudi
1	Answer: B
2	8. The Scheme, which is an initiative of the Ministry of Drinking Water and Sanitation, seeks to provide water to 115 Indian districts to help them in meeting their basic needs such as drinking, cooking and other domestic essentials.
A	SWAJAL
В	NIRMAL
С	PRAJWAL
D	NEER
A	Answer: A
2	9. For Rabi marketing season 2021-22, the Cabinet Committee on Economic Affairs (CCEA) announced highest increase in Minimum Support Price (MSP) for
A	lentil
В	gram
С	wheat
D	barley
A	Answer: A
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3	O. Who among the following is the author of the book 'Myth = Mithya : Decoding Hindu Mythology'?
Α	Devdutt Pattanaik
В	Vikram Seth
С	Shashi Tharoor
D	Amitav Ghosh
A	Answer: A
3	1. Which of the following two teams played against each other in the first match of IPL 2021?
A	Punjab Kings and Delhi Capitals
В	Chennai Super Kings and Sunrisers Hyderabad

27. Which of the following mountains is located near the river Dhauliganga?



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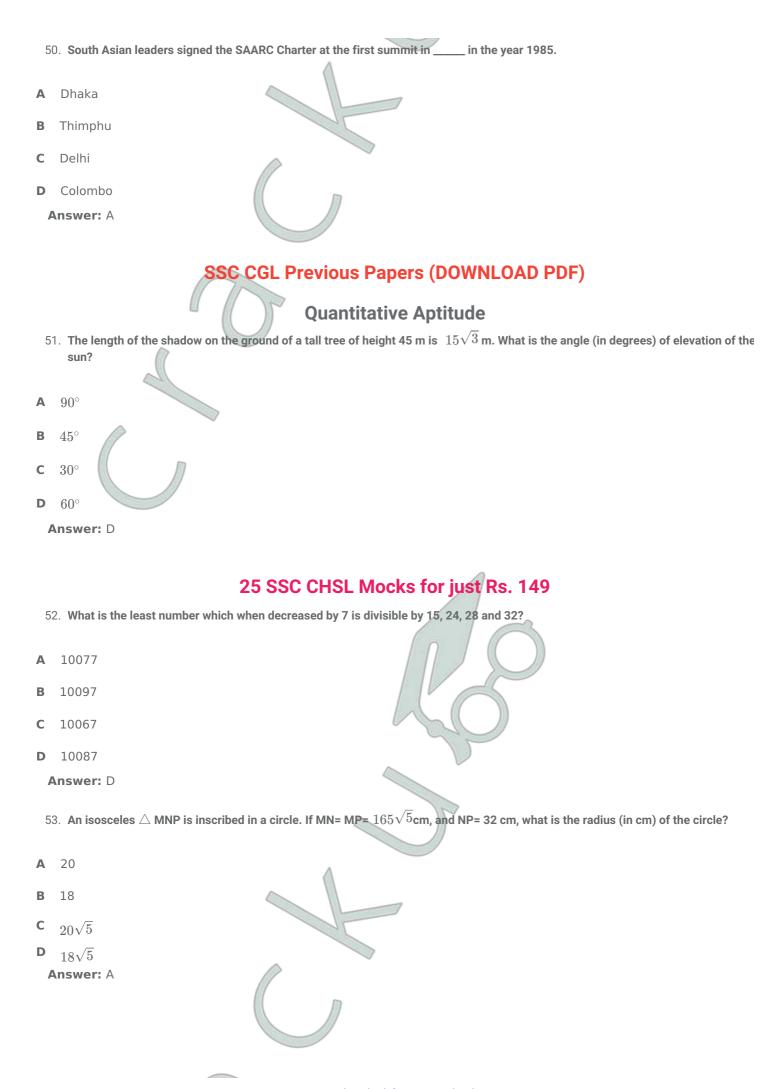
36	In which of the following years did the Ramsar convention to promote conservation and wise use of all wetlands through regional actions and international cooperation come to force in India?
Δ	1982
В	1989
С	1990
D	1980
A	nswer: A
37	7. As per the Census of 2011, which of the following states/UT has literacy rate of more than 90%?
Δ	Goa
В	Rajasthan
С	Mizoram
D	Tripura
A	nswer: C
38	8. Which of the following is correctly paired?
Д	Cyanide ion - CN-
В	Ammonia - OH-
С	Fluoride ion - Cl-
D	Bromide ion - F-
A	nswer: A
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39	During the rule of which dynasty were Nalanda and Vikramashila universities founded?
Δ	The Senas
В	The Rashtrakutas
С	The Palas
D	The Pratihara
A	nswer: C
40	. A typical adult human body contains about of magnesium.
A	20 g
В	15 g
С	25 g
D	10 g

Answer: C

4	. With which bank have Dena Bank and Vijaya Bank been merged?
3	Bank of Baroda Punjab National Bank
	United Bank of India
)	Corporation Bank
_	nswer: A
-	
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42	2. Which amendment to the Constitution of India changed the description of India from a 'sovereign democratic republic' to a 'sovereign, socialist secular democratic republic' and also changed the words 'unity of the nation' to 'unity and integrity of the nation'?
4	47th
3	42nd
	40th
)	44th
<u> </u>	answer: B
43	3. In which of the following years was the Citizenship Act passed for the first time in India?
A	1962
3	1955
	1959
)	1947
_	answer: B
44	1. In which year was the Immunization Programme introduced in India as 'Expanded Programme of Immunization' (EPI) by the Ministry of Health and Family Welfare?
A	1980
3	1982
	1974
)	1978
A	answer: D
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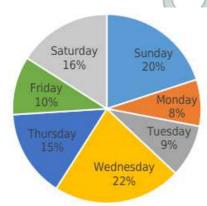
 $45. \ \ \textbf{Who among the following was selected for the inaugural Chhattisgarh Veerni Award in April 2021?}$





54. Study the given pie-chart and answer the question that follows.

The chart represents the percentage-wise distribution of total number of vanilla cakes and chocolate cakes sold every day in a week. Total number of cakes sold in a week = 10500.



The ratio of vanilla cakes sold to chocolate cakes sold on Friday is 4 : 3. If the selling price of one vanilla cake is ₹9 and that of one chocolate cake is ₹10, then the total amount earned (in ₹) by selling all the vanilla cakes and chocolate cakes on Friday is:

- **A** 10,000
- **B** 9,900
- **C** 11,000
- **D** 8,900

Answer: B



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 $ar(\triangle ABC) = 64 \ 55$. Let $\triangle ABC \sim \triangle PQR$ and $ar(\triangle QPR) = 169$. If AB = 10 cm, BC = 7 cm and AC = 16 cm, then PR (in cm) is equal to:

- **A** 21
- **B** 26
- **C** 15
- **D** 13

Answer: B

56. Find the value of $(1.6)^3 - (0.9)^3 - (0.7)^5$

- **A** -3.24
- **B** 3.24
- **C** 3.024
- **D** -3.024

Answer: C

- 57. The base of a triangle is increased by 40%. By what percentage (correct to two decimal places) should its height be increased so that the area increases by 60%?
- **A** 20.01%

- 18.62%
- C 14,29%
- **D** 15.54%

Answer: C

SSC CGL Important Questions PDF

58. A shopkeeper allows 28% discount on the marked price of an article and still makes a profit of 30%. If he gains ₹30.90 on the sale of one article, then what is the marked price (to the nearest ₹) of the article?

- **A** 194
- **B** 186
- **C** 103
- **D** 134

Answer: B

59. The average of 46 numbers is 50.5. The average of the first 25 numbers is 45 and that of the last 18 numbers is 56. The 28^{th} number is 67. If the 26^{th} and 27^{th} numbers are excluded, then what is the average of the remaining numbers?

- **A** 50
- **B** 50.4
- **C** 51.5
- **D** 51

Answer: A

60. If x + y + z = 2 , xy + y z + zx = -11 , and xyz = -12 , then what is the value of $x^3 + y^3 + z^3$?

- **A** 36
- **B** 42
- **C** 38
- **D** 40

Answer:

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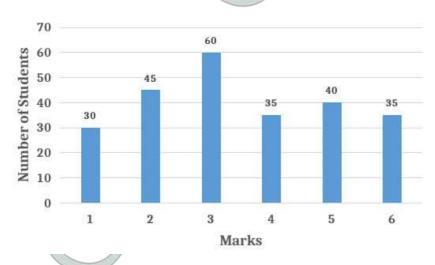
61. A person travels 5x distance at a speed of 5 km/h, x distance at a speed of 5 km/h, and 4x distance at a speed of 6 km/h, and takes a total of 112 minutes. What is the total distance (in km) travelled by the person?

- **A** 8
- **B** 12
- **C** 10

- 62. Person A can do one-fifth of the work in 3 days, while B's efficiency is half of that of A. In how many days A and B working together can do half of the work?
- **A** 4
- **B** 6
- **C** 5
- **D** 7

Answer: C

63. Study the given histogram that shows the marks obtained by students in an examination and answer the question that follows.



The number of students who obtained less than 200 marks is what percentage less than the number of students who obtained 400 or more marks (correct to one decimal place)?

- **A** 11.9%
- **B** 21.6%
- **C** 17.8%
- **D** 14.3%

Answer: D

General Science Notes for SSC CGL

64. If $\sin^2\theta-\cos^2\theta-3sin\theta+2=0,0^\circ<0<90^\circ$, then what is the value of $1+sec\theta+tan\theta$?

- **A** $1 + \sqrt{3}$
- **B** $-1 + \sqrt{3}$
- **c** $1 \sqrt{3}$
- **D** $-1 \sqrt{3}$

Answer: A

65. What is the value of p, if $25(3 + 4p) + 12$ of $5 - 3 \times 8 = 6$?
A $15\frac{1}{3}$
B $17\frac{1}{4}$
C 69
D 72
Answer: B
66. Let $x cm^2$ be the surface area and y cm^3 be the volume of a sphere such that y = 14 x . What is the radius (in cm) of the sphere?
A 102
B 68
C 51
D 42 Answer: D
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67. A shopkeeper bought 40 pieces of an article at a rate of ₹50 per item. He sold 35 pieces with 20% profit. The remaining 5 pieces were found to be damaged and he sold them with 10% loss. Find his overall profit percentage.
were round to be damaged and he sold them with 10% loss. Find his overall profit percentage.
A 10%
B 30%
C 32.5%
D 16.25%
Answer: D
68. The curved surface area of a right circular cylinder is 616 cm^2 and the area of its base is 38.5 cm^2 . What is the volume (in cm^3 of the cylinder? (Take $\pi={7 \atop 7}$).
A 1078
B 1243
C 1408
D 1155
Answer: A
69. The sides PQ and PR of \triangle PQR are produced to points S and T, respectively. The bisectors of \angle SQR and \angle TRQ meet at point U If $\angle QUR=69^\circ$, then the measure of \angle P is:
A 21°
B 31°
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70. A, B and C start a business. A invests $33\frac{1}{3}\%$ of the total capital, B invests 25% of the remaining, and C invests the rest. If the total profit at the end of the year is ₹1,86,000, then A's share of the profit (in ₹) is:



B 61,000

C 64,000

D 59,000

Answer: A

71.
$$(\sec \theta - \tan \theta)^2 (1 + \sin \theta)^2 + \cos^2 \theta =$$
?

A -1

 $\mathbf{B} \cos^2 \theta$

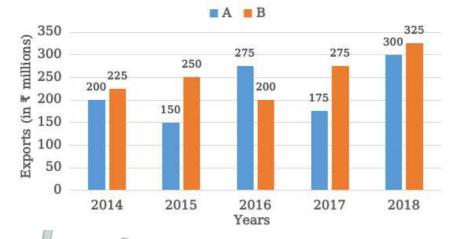
 $\mathbf{C} \cot^2 \theta$

D 1

Answer: D

72. 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.



What is the ratio of the total exports of cars of type A in 2016 and 2018 to the total exports of cars of type B in 2015 and 2017?

A 5:4

B 23:21

C 10:9

D 13:12

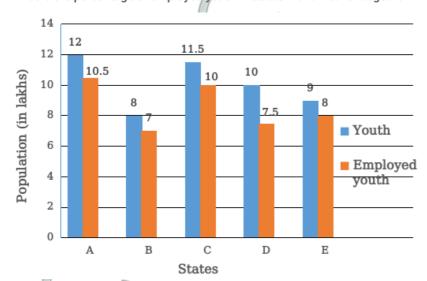
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- 73. If Seema invests ₹17,650 in an account that yields 8.5% p.a. simple interest, then how much (to nearest ₹) will she have after 5 years?
- **A** 21,551
- **B** 21,155.
- C 25,151
- **D** 25,115

Answer: C

74. The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

What is the percentage of employed youth in states A and E taken together?



- **A** 82_{21}^{8}
- **B** 88_{21}^{8}
- **c** $88\frac{2}{21}$
- **D** 88_{21}^{1}

Answer: C

- 75. If the nine-digit number 9m2365n48 is completely divisible by 88, what is the value of $(m^2 \times n^2)$, for the smallest value of n, where m and n are natural numbers?
- **A** 20
- **B** 32
- **C** 36
- **D** 64

Answer: D

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English Comprehension

- 76. Select the most appropriate ANTONYM of the given word. CENTRE
- **A** Clear
- **B** Definite
- **C** Periphery
- **D** Mainstream

Answer: C

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- 77. Select the option that can be used as a one-word substitute for the given group of words. A tank for fish or water plants
- A Aquarium
- **B** Reservoir
- **C** Museum
- **D** Aviary

Answer: A

- 78. Select the most appropriate synonym of the given word. Trendy
- **A** Foreign
- **B** Common
- **C** Familiar
- D Popular

Answer: D

- 79. Select the option that expresses the given sentence in indirect speech. She said to her, "Will you ready my suit tomorrow?"
- A She asked her that if she would ready her suit tomorrow
- **B** She said her if she would ready her suit tomorrow.
- C She asked her if she would ready her suit the next day.
- **D** She asked her if she would ready her suit tomorrow.

Answer: C



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- 80. Select the option that expresses the given sentence in passive voice.

 They catch whale sharks commercially in some places around the world.
- A Whale sharks are caught commercially in some places around the world.
- **B** Whale sharks are being caught commercially in some places around the world.
- **C** Whale sharks were caught commercially in some places around the world.
- **D** Whale sharks have been caught commercially in some places around the world.

Answer: A

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

 An image of a God used for worship
- **△** Idol
- **B** Icon
- C Model
- **D** Temple

Answer: A

- Select the most appropriate synonym of the given word.
 Eventually
- **A** Primarily
- **B** Initially
- **C** Ultimately
- **D** Originally

Answer: C

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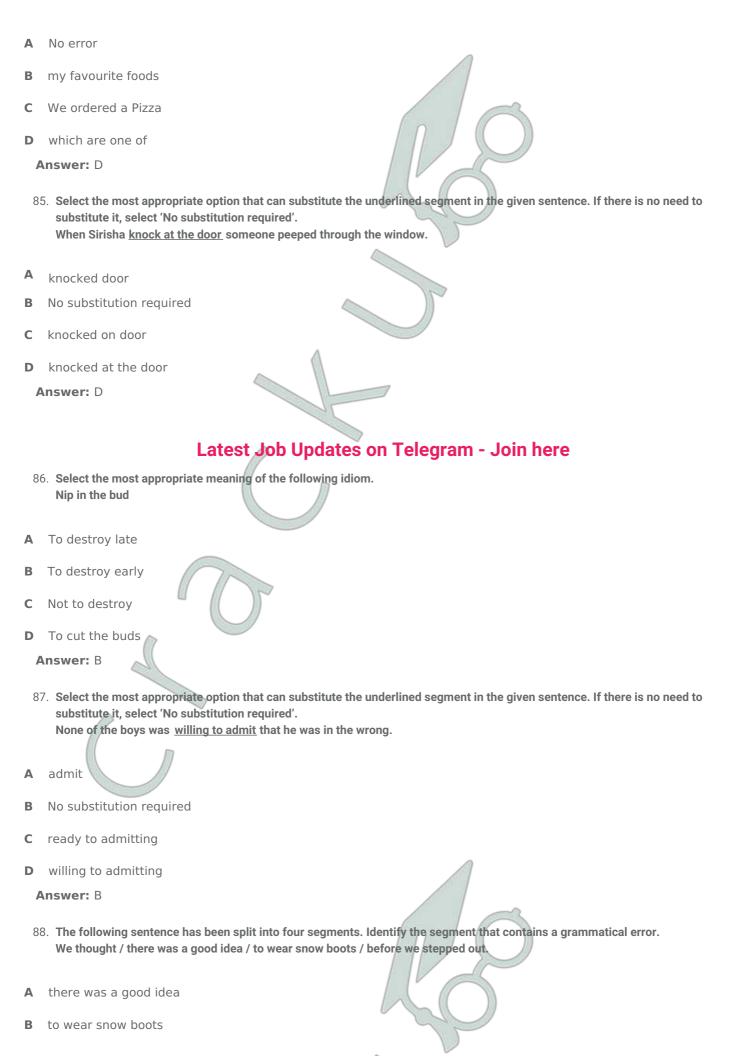
- 83. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. Athens was / a most luminous / of all city-states / of ancient Greece.
- A of all city-states
- **B** a most luminous
- C of ancient Greece
- **D** Athens was

Answer: B

84. 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.

We ordered a Pizza / which are one of / my favourite foods.



We thought before we stepped out D Answer: A Join SSC Daily Quiz Telegram Group 89. Select the correct active voice form of the given sentence A cartoon film is being watched by Praveen. Praveen had been watching a cartoon film. Praveen is watched a cartoon film. Praveen is watching a cartoon film. Praveen would like to watch a cartoon film. Answer: C 90. Given below are four jumbled sentences. Select the option that gives their correct order. A. Finally, it can be termed as the channel for all trade, and what is more important, of all ideas. B. It also provides framework to all economic development. C. It is the road which determines the site of many cities and the growth and nourishment of all. D. The road is one of the great fundamental institutions of mankind. **BDAC** CABD **DCBA** DBAC Answer: C 91. Select the most appropriate option to fill in the blank. Now after the COVID-19 situation has _____, Bangladesh has started air travel services for other countries including India. advanced enriched progressed improved Answer: D SSC CGL Free Mock Test 92. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. You are welcome to partake this light refreshment. to partake of for partaking Downloaded from cracku.in

С	in partaken
D	No improvement required
	Answer: A
9	3. Select the INCORRECTLY spelt word.
A	Believe
В	Deceive
С	Leisure
D	Wellfare Answer: D
A	Answer: D
9	4. Select the option that gives the most appropriate meaning of the underlined idiom. You have put me in a tight corner by telling me to keep quiet.
A	An embarrassing situation
В	A secret place
С	A difficult situation
D	A comfortable situation
4	Answer: C
	SSC CGL Previous Papers (DOWNLOAD PDF)
9	SSC CGL Previous Papers (DOWNLOAD PDF) 5. Select the most appropriate ANTONYM of the given word.
g	
9 A	5. Select the most appropriate ANTONYM of the given word.
9 А	5. Select the most appropriate ANTONYM of the given word. Ransack
A	5. Select the most appropriate ANTONYM of the given word. Ransack Pilfer
A B	5. Select the most appropriate ANTONYM of the given word. Ransack Pilfer Seize
A B C	5. Select the most appropriate ANTONYM of the given word. Ransack Pilfer Seize Protect
A B C	5. Select the most appropriate ANTONYM of the given word. Ransack Pilfer Seize Protect Raid
A B C D Ins	5. Select the most appropriate ANTONYM of the given word. Ransack Pilfer Seize Protect Raid Answer: C
A B C D Ins	5. Select the most appropriate ANTONYM of the given word. Ransack Pilfer Seize Protect Raid Answer: C structions [96 - 100] the following passage, some words have been deleted. Read the passage carefully and
A B C D Insel In the	5. Select the most appropriate ANTONYM of the given word. Ransack Pilfer Seize Protect Raid Answer: C structions [96 - 100] the following passage, some words have been deleted. Read the passage carefully and ect the most appropriate option to fill in each blank. ere is always something so fascinating about trains and journeys. There (1) certain symbols and signages inside and outside of train. The (2) of most of them might not be known to everyone. (3) you are a frequent traveller or not, you may have (4)
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D	had been
Δ	answer: A
97	7. Select the most appropriate option to fill in blank number 2.
A	meanings
В	worth
С	charge
D	senses Inswer: A
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98	3. Select the most appropriate option to fill in blank number 3.
A	However
В	Whatever
C	Whichever
D	Whether Answer: D
99	9. Select the most appropriate option to fill in blank number 4.
A	recognised
В	noticed
С	known
D	distinguished
Δ	Inswer: B
100	Select the most appropriate option to fill in blank number 5.
A	rail
В	coach
С	booth
D	bus
A	answer: B

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