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SSC CPO 11th Nov 2022 Shift 2

General Intelligence and Reasoning

1. If + means -, - means \times , \times means \div , and \div means +, what will be the value of the following expression? $65 \div 35 + 72 \times 8 - 5$

- **A** 195
- **B** 45
- C 455
- **D** 55

Answer: D

SSC CHSL Prevoius Papers (DOWNLOAD PDF)

- 2. In a certain code language, 'CHART' is written as 'GDASS' and 'EMPTY' is written as 'LFPXU'. How will 'INDEX' be written in that language?
- A MIDWF
- **B** MJDWF
- C MDJWF
- **D** MWDJF

Answer: B

3. 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:

All phones are gadgets.

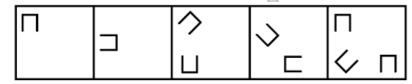
All gadgets are machines.

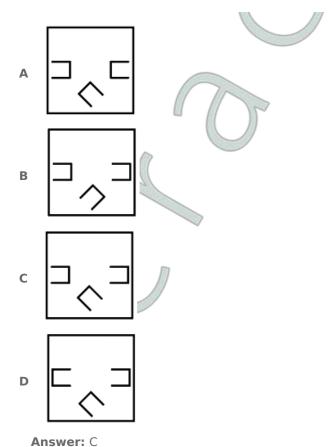
Conclusions:

- I. All phones are machines.
- II. All machines are gadgets.
- A Both conclusions I and II follow
- **B** Only conclusion II follows
- C Neither conclusion I nor II follows
- D Only conclusion I follows

Answer: D

4. Select the figure that will come next in the following figure series.





SSC CHSL Free Mock Test (Latest Pattern)

- 5. Based on the position in the English alphabetical order, three of the following letterclusters are alike in some manner and one is different. Select the odd letter-cluster.
- A QUXZ
- **B** GKOQ
- C AEIK
- **D** KOSU

Answer: A

- 6. In a code language, 'you are tall' is coded as 'la da ma', 'you workout daily' is coded as 'la pa ka', and 'daily workout makes you tall' is coded as 'ka pa ja la ma'. What is the code for the word 'makes'?
- **A** ma
- **B** ja
- **C** la
- **D** pa

Answer: B

- 7. Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete? AZX, CBZ, EDB, GFD, ?
- A IHF

D JHF

Answer: A

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8. 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:

Some classes are theories.

Some theories are lessons.

Conclusions:

- I. All classes can never be lessons.
- II. All theories being classes is a possibility.
- A Only conclusion I follows
- **B** Both conclusions I and II follow
- C Only conclusion II follows
- Neither conclusion I nor II follows

Answer: C

- 9. Which letter-cluster will replace the question mark (?) to complete the given series? PYWB, MVYD, ?, GPCH, DMEJ
- A JSBF
- **B** JTBF
- **C** JTBG
- **D** JSAF

Answer: D

- 10. Six students are sitting around a circular table facing the centre. Salman is an immediate neighbour of both Kiran and Shwetha. Bala is sitting second right to Salman. Shwetha is sitting third to the left of Bala. Akshay is an immediate neighbour of both Bala and Nishitha. Who is the immediate neighbour of Nishitha and Salman?
- A Bala
- **B** Kiran
- C Shwetha
- D Akshay

Answer: C

SSC CPO Free Mock Test (Latest Pattern)

11.	Select the option that represents the letters that, who	en sequentially	plac	ed from le	ft to right in the	blanks below, w	ill complete
	the letter series.						
	FO LIWE OOL WEE O I	13 -38					

A FOFLOLW

B FFLLOOW

C FFOLLOL

D FOWLLFW

Answer: A

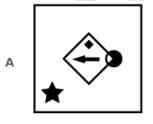
- 12. On a certain day John decided to go school using his newly purchased skates. So, he left his house and skated 15 km northwards, then turned left and skated 7 km, then he took another left turn and skated 15 km, and then finally turned right and skated 13 km. How far exactly is his school from his house?
- **A** 20 km
- **B** 6 km
- **C** 2 km
- **D** 28 km

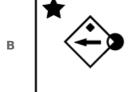
Answer: A

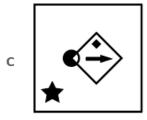
13.

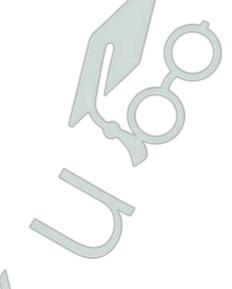


Select the figure that will replace the question mark (?) in the following figure series.











Answer: A



- 14. Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.
 - 1. Universe
 - 2. Country
 - 3. Sun
 - 4. Earth
 - 5. MilkyWay
- A 1,4,2,5,3
- **B** 1,5,3,4,2
- **C** 1,2,3,4,5
- **D** 5,4,3,2,1

Answer: B

- 15. In a code language, 'trek to the mountain' is written as 'tes mel fern lor', 'the mountain is high' is written as 'lor max fern ani', 'high to the sky' is written as 'tes ani sav fern'.
 - What is the code for the word 'trek' in this language?
- **A** fern
- **B** max
- **C** mel
- **D** tes

Answer: C

16. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3

and then performing mathematical operations on 1 and 3 is not allowed.)

- (27, 21, 16)
- (24, 33, 19)
- **A** (25, 21, 13)
- **B** (36, 15, 17)
- **C** (42, 18, 21)
- **D** (32, 14, 7)

Answer: B



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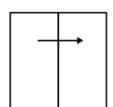
- 17. Select the correct option to indicate the arrangement of the following words in a logical and meaningful order.
 1. Tissue
 2. Population
 3. Organ
 4. Cell
- **A** 41325

5. Organism

- **B** 14325
- **C** 41352
- **D** 14253

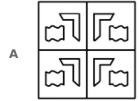
Answer: C

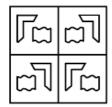
18. A paper is folded and cut as shown below. How will it appear when unfolded?





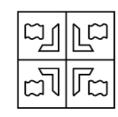


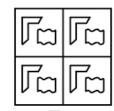




В

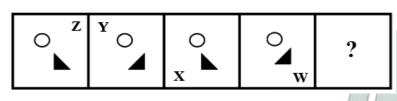
D





Answer: C

19. Select the figure that will come in place of the question mark (?) in the following figure series.



A



В



C



D



Answer: C

SSC CGL Free Mock Test (Latest Pattern)

20. If \div means -, - means \times , \times means +, + means \div , what will come in place of the question mark (?)? $132+6-9\times13\div31=$?

- **A** 180
- **B** 206
- **C** 216
- **D** 208

Answer: A

21. In a code language, VACCINE is written as $\begin{array}{c} 132 \\ 7 \end{array}$ and MASKS is written as $\begin{array}{c} 72 \\ 5 \end{array}$. How will SANITIZE be written in that language?

- **A** $^{113}_{8}$
- **B** $\frac{89}{7}$
- c $^{113}_{7}$
- **D** $\frac{89}{8}$

Answer: A

22. 'P # Q' means 'P is the husband of Q'.

- 'P \$ Q' means 'P is the son of Q'.
- 'P @ Q' means 'P is the brother of Q'.
- 'P % Q' means 'P is the father of Q'.
- 'P & Q' means 'P is the mother of Q'.
- $^{\prime}P\times Q^{\prime}$ means $^{\prime}P$ is the wife of $Q^{\prime}.$

Which of the following statements is correct regarding the given expression?

 $M\times O\,\$\,N\,@\,Q\,\%\,R\,\#\,S$

- **A** M is the brother of R.
- **B** M is the daughter-in-law of R.
- **C** O is the daughter of Q.
- **D** N is the brother of R's father.

Answer: D

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23. If I denotes ' \div ', J denotes ' \times ', K denotes '-', and L denotes '+', then what will come in place of '?' in the following equation? 29 J 7 K 168 I 4 L 71 K 39 L 14 J 2 = ?

A 221

B 228

C 216

D 235

Answer: A

24. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

FAN2: ICO8:: NAP5: QCQ125:: GUN8:?



B JWO512

C JWO484

D JV0512

Answer: B

25. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation. 467 * 231 * 123 * 789 * 345 * 131

A +,-,+,+,=

$$B +, -, -, +, =$$

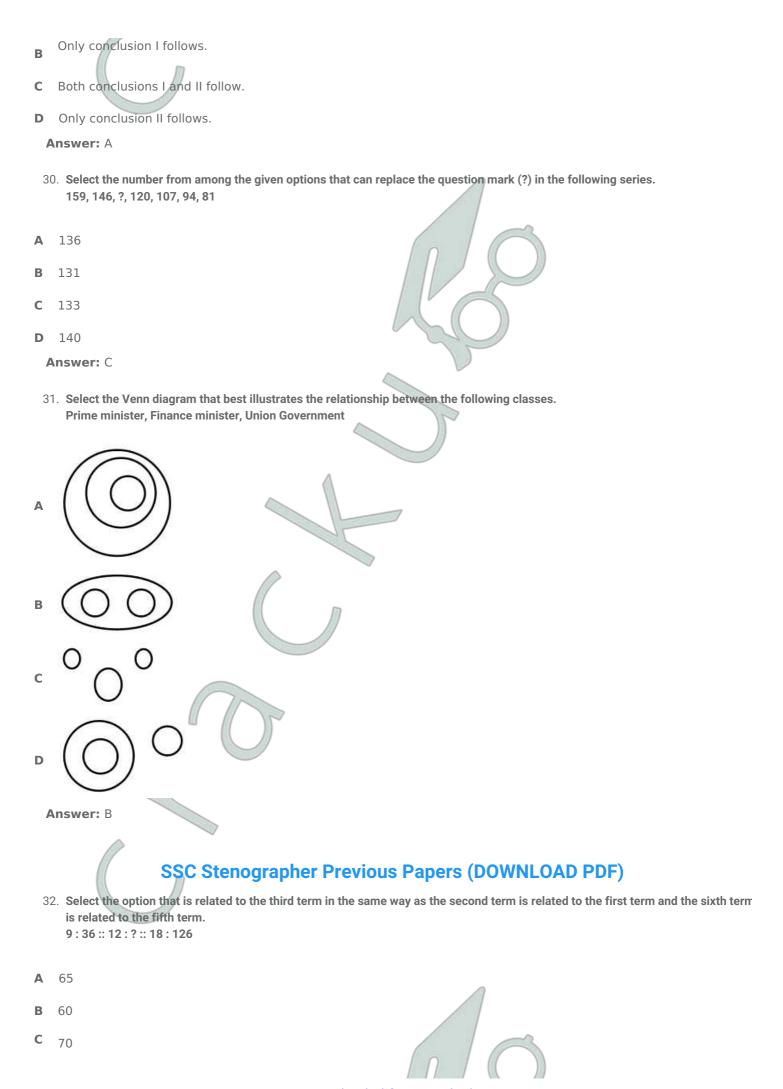
 $C +, -, \times, +, =$

 $\mathbf{D} \times, -, -, +, =$

Answer: B

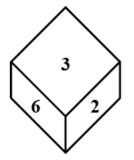
	Daily Free SSC Practice Set
2	6. If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will come in place of '?' in the following equation? 124 D 4 C 86 D 2 A 61 A 17 B 3 ≠ ?
A	100
В	98
C	92
D	110
1	Answer: A
2	7. Select the set in which the numbers are related in the same way as are the numbers of the given sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed) (2, 3, 35) (11, 6, 1547)
A	(4, 15, 3439)
В	(10, 9, 1730)
С	(7, 8, 2565)
D	(3, 12, 1296)
	Answer: A
	8. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
A	XCY
В	OLP
C	TGU
D	BXC
	Answer: D General Science Notes (Download PDF)
2	9. 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: All dogs are cats. No cat is a rat. Conclusions: I. Some rats are cats. II. Some dogs are rats.

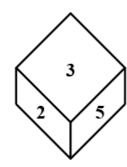
A Neither conclusion I nor II follows

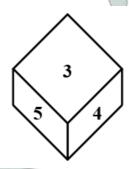


Answer: B

33. Three different positions of the same dice are shown. Find the number on the face opposite the face showing '6'.







- **A** 3
- **B** 1
- **C** 2
- **D** 5

Answer: D

34. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(19, 64, 11)

(27, 169, 14)

- A (23, 110, 12)
- **B** (20, 200, 8)
- C (24, 99, 15)
- **D** (22, 121, 11)

Answer: D

SSC Stenographer Previous Papers (Latest Pattern)

- 35. Karan drives 6 km towards north from point A. He takes a left turn and drives 3 km. Again he takes a left turn and drives 3 km. He takes a left turn and drives 6 km. He takes a right turn and drives 3 km to reach point B. How far and towards which direction should he drive in order to reach point A again?
- A 5 km towards east
- B 3 km towards west
- C 4 km towards north
- **D** 2 km towards south

Answer: B

- 36. Which of the following numbers will replace the question mark (?) in the given series? 90, 211, 67, 236, ?
- **A** 143
- **B** 45
- **C** 40
- **D** 38

Answer: C

- 37. In a code language, 'day of rest' is written as 'per din ces', 'rest after work' is written as 'per fin tds', 'all day work' is written as 'din fin mls'. What is the code for the word 'after' in this language?
- **A** din
- **B** per
- **C** tds
- **D** ces

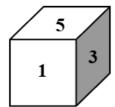
Answer:

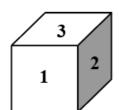
SSC CGL Tier-2 Previous Papers PDF

- 38. If + means -, means \times , \times means \div , and \div means +, what will be the value of the following expression? $2 \div 5 + 2 5 \times 5 = ?$
- **A** 5
- **B** 10
- **C** 8
- **D** 6

Answer: A

39. 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 showing '5'.





- **A** 1
- **B** 3
- **C** 4
- **D** 2

Answer: D

40. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose the figure that would most closely resemble the unfolded form of the paper. В C D Answer: C **SSC Exam Free Videos (Youtube)** 41. Which of the following numbers will replace the question mark (?) in the given series? 10, 21, 35, 56, 90, 145, 231, 360, ? 436 546 C 463 D 564 Answer: B

42. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation. 121 * 11 * 99 * 11 * 77 * 79

 $\mathbf{C} \quad \div, -, \times, +, =$

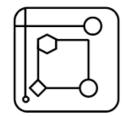
D $\div, -, \div, +, =$

Answer: D

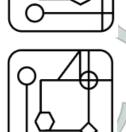
43. Select the option in which the given figure is embedded (rotation is NOT allowed).



A



C



Answer: C

SSC Study Material



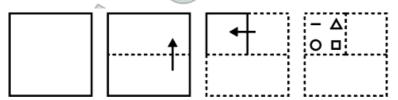
B 2

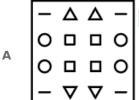
C 6

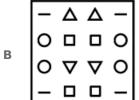
D 1

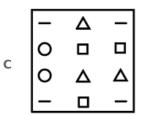
Answer: B

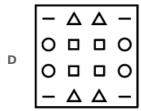
45. A paper is folded and cut as shown below. How will it appear when unfolded?



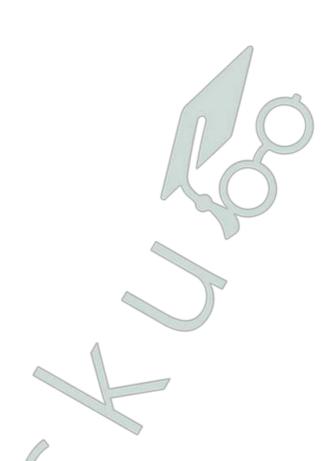








Answer: A

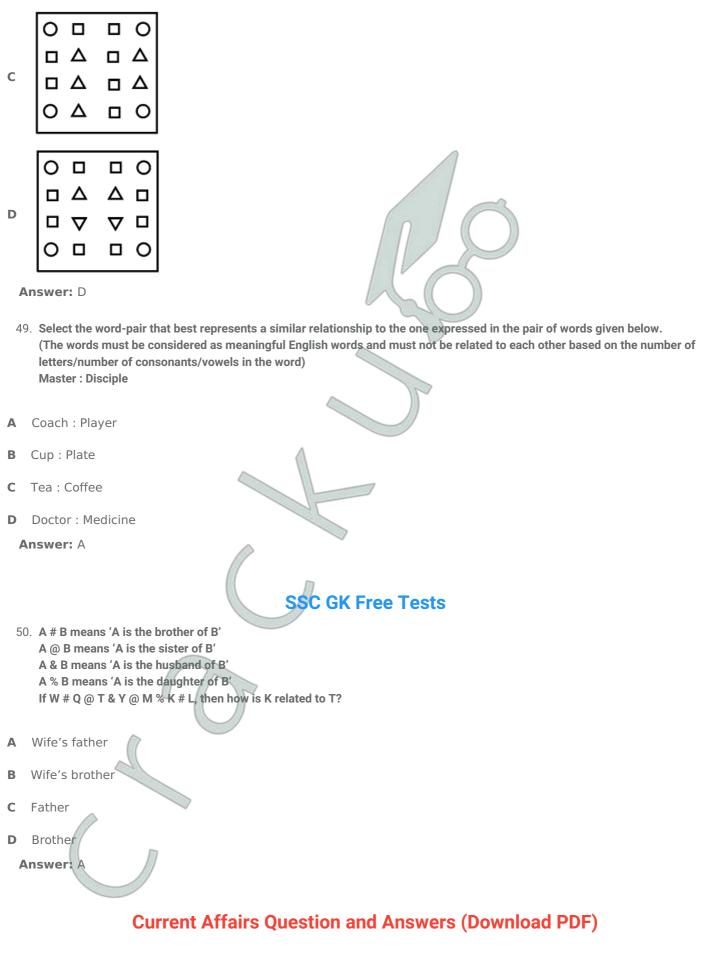


A	207
В	206
С	205
D	208
4	Answer: A
4	SSC Daily Practice Set 47. Seven people, A, B, C, D, E, F and G, are sitting in a straight row facing the north. Only two people sit to the left of C. Only two people sit between A and B. B sits to the left of A. E is an immediate neighbour of A to the right. Only one person sits to the right of D. F is not an immediate neighbour of B. WI sits to the extreme left?
A	В
В	D
С	E
D	F Answer: A
4	48. A paper is folded and cut as shown below. How will it appear when unfolded?
A	
В	

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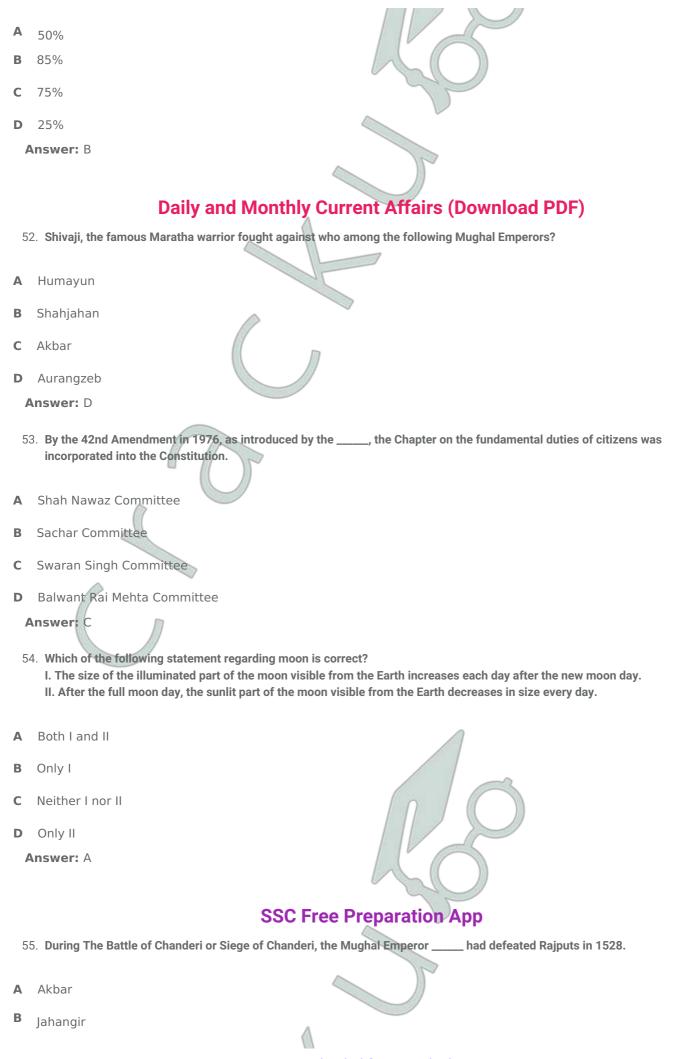
46. Which of the following numbers will replace the question mark (?) in the given series?

42, 67, 96, 129, 166, ?



General Knowledge and General Awareness

51. As per the guidelines issued by the Reserve Bank of India in June 2021, each NBFCMFI is required to maintain not less than _____ of its net assets as 'qualifying assets'.



С	Babur
D	Humayun
	Answer: C
Ę	6. In 2012, for which of the following films did Pandit Birju Maharaj win the 'Best Choreography' category National Award?
A	Nanban
В	Vishwaroopam
С	Ambuli
D	Aravaan
	Answer: B
Ę	7. Who among the following was the founder of the Bhoodan Yajna (Land Gift) movement?
A	Mahatma Gandhi
В	Tarabai Shinde
С	Atmaram Joshi
D	Vinoba Bhave
	Answer: D
	SSC CHSL Prevoius Papers (DOWNLOAD PDF)
Ē	8. Which of the following pair of human disease - microorganism - mode of transmission is correct? I. Tuberculosis - Virus - Air II. Chicken Pox - Virus - Water/Food
A	Only II
В	Both I and II
C	Neither I nor II
D	Only I
	Answer: C
Ę	9. Which of the following statement is NOT correct regarding hydrocarbons?
A	Saturated hydrocarbons are fairly unreactive and are inert in the presence of most reagents.
В	Most carbon compounds also release a large amount of heat and light on burning.
С	Carbon compounds cannot get oxidised on combustion.
D	Unsaturated hydrocarbons add hydrogen in the presence of catalysts such as palladium or nickel to give saturated hydrocarbons.
	Answer: C
6	0. The war that spread beyond Southern India and into Bengal, where British forces under Robert Clive recaptured Calcutta from
(Nawab Sirajud-Daulah, who had the support of French, was

The Battle of Buxar in 176 The Battle of Plassey in 1757 The Battle of Wandiwash in 1760 The Battle of Adyar in 1746 Answer: B SSC CHSL Free Mock Test (Latest Pattern) 61. The Indian judicial system is based on: both integrated and dual system dual court system multiple court system single integrated system Answer: D 62. Which is NOT correct about the independence of the judiciary in our country? The judiciary has the power to penalise those who are found guilty of contempt of court. The judges are financially dependent on both the executive and legislature for their salaries and allowances. The Constitution prescribes a very difficult procedure for removal of judges. The legislature is not involved in the process of appointment of judges. Answer: B 63. The Commonwealth Games are organised by International Olympic Council Asian Games Federation Commonwealth Games Federation Indian Olympic Counc Answer: C

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- 64. Which of the following statement is NOT correct regarding the alkali metals?
- A All the alkali metals are silvery white, soft and light metals.
- **B** The ionization enthalpies of the alkali metals are considerably low and decrease down the group from.
- C Group 1 metals are known as alkali metals.
- **D** All the alkali metals have two valence electrons.

Answer: D 65. Who among the following created the dance form named 'Hi-dance' that he later rechristened and called 'Creative dance'? Shashadhar Acharya Birju Maharaj Kunwar Amar Uday Shankar Answer: D 66. Which of the following Indian players scored maximum goals in hockey at the Tokyo Olympics - 2020? Rupinder Pal Singh Gurjant Singh Simranjeet Singh Harmanpreet Singh Answer: D SSC CPO Free Mock Test (Latest Pattern) 67. Which of the following pairs of chemical elements and their symbols is INCORRECT? Phosphorus - P Potassium - Po Iron - Fe Iodine - I Answer: B 68. A FIBA sanctioned game of basketball typically consists of _____. 4 quarters of 15 minutes each 2 halves of 30 minutes each 4 quarters of 10 minutes each 2 halves of 25 minutes each Answer: C 69. At places the groundwater is stored between layers of hard rock below the water table. This is known as an _____.

pond lake

well

D	aquifer
	Answer: D
	SSC CPO Previous Papers
7	0. What approximate percentage of geographical area of India is drained by river Godavari?
Α	40%
В	20%
C	10%
D	30%
4	Answer: C
7	1. What time period is considered as the first phase of the Green Revolution in India?
A	Mid-1960s to Mid-1970s
В	Mid-1940s to Mid-1950s
С	Mid-1950s to Mid-1960s
D	Mid-1970s to Mid-1980s
1	Answer: A
7	2. In India, from June to September which type of weather prevails?
A	Autumn
В	Winter
С	Spring
D	Monsoon / Rainy season
1	Answer: D
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7	3. According to the Industrial Policy Resolution 1956, in how many categories were the industries classified in India?
A	5
В	4
C	3
D	2 Answer: C
7	4. Which is one of the most famous dance forms of Assam performed by the 'Kulis' (people who work in the tea gardens) during autumn?

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Mahasu dance Jhumur dance Lambadi dance Karga dance Answer: B 75. Choose from the following the novel written by Vikram Seth. A Suitable Boy Half Girlfriend One Indian Girl One Night at the Call Centre Answer: A SSC CGL Free Mock Test (Latest Pattern) 76. 'Gangaur' is celebrated primarily in which of the following states of India? Bihar Goa Tripura Rajasthan Answer: D 77. The national song of India, 'Vande Mataram', is an excerpt taken from the novel ___ _ written by Bankim Chandra Chattopadhyay. Saraswati Chandra Durgeshnandini **Anand Math** Bishabriksha Answer: C 78. Which of the following pair of mineral - need is correct? I. Iron - formation of hemoglobin II. Sodium - proper functioning of thyroid Neither I nor II Only II Both I and II

SSC CGL Previous Papers (DOWNLOAD PDF)

- 79. Which of the following is NOT a part of the Peninsular Plateau?
- A The Deccan Plateau
- **B** The Central Highland
- C The Northern Plain
- D The North-eastern Plateau

Answer: C

- 80. TH Vinayakram, a famous musician, is associated with which musical instrument?
- **A** Ghatam
- **B** Mridangam
- C Sarod
- **D** Tabla

Answer: A

- 81. Air transport was launched in India in the year 1911 between which two places?
- A Allahabad and Naini
- **B** Allahabad and Jaipur
- C Allahabad and Kanpur
- D Allahabad and Delhi

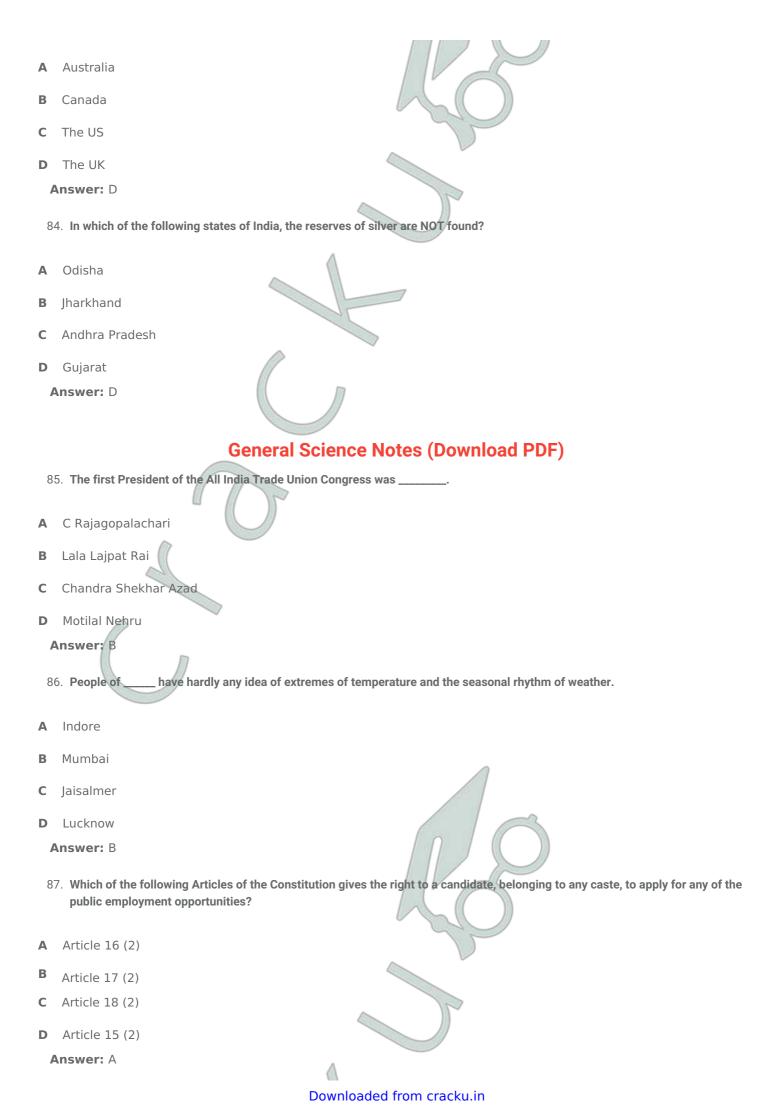
Answer: A

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- 82. Coulomb/second is a unit of which of the following?
- A Capacitance
- **B** Resistance
- C Electric current
- D Magnetism

Answer: C

83. From which country's constitution has the Constitution of India borrowed the feature of Single Citizenship and Parliamentary system of Government?



SSC Stenographer Previous Papers (DOWNLOAD PDF)

8	88. Cycas is an example of which of the following animal phylum?				
A	Pteridophyta				
В	Angiosperms				
С	Gymnosperms				
D	Bryophyta				
Į.	Answer: C				
8	9. In which year did Ambedkar start a temple entry movement?				
A	1931				
В	1927				
С	1925				
D	1938				
-	Answer: B				
9	0. Which Article of the Constitution of India deals with the appointment of ad-hoc judges?				
A	Article 126				
В	Article 127				
С	Article 128				
D	Article 125				
1	Answer: B				
	SSC Stenographer Previous Papers (Latest Pattern)				
9	Malic acid is most abundantly found in				
A	ginger				
В	lemon				
С	apple				
D	tamarind				
-	Answer: C				
9:	2 received the Naatya Padhmam award from Brahma Gana Sabha on 24 December 2021.				
A	Priyadarshini Govind				
В	Srekala Bharath				

С	Rekha Prakash					
D	Harinie Jeevitha					
A	Answer: B					
93	3. Amylase enzyme can be found in					
A	the stomach					
В	the liver					
С	the gall bladder					
D	saliva					
A	Answer: D					
	SSC CGL Tier-2 Previous Papers PDF					
94	4. Pandit Birju Maharaj received which of the following awards in 1986?					
A	Padma Bhushan					
В	Padma Shri					
С	Padma Vibhushan					
D	Kalidas Samman					
<i>P</i>	Answer: C					
9	5. When was National Emergency declared for the first time under Article 352?					
A	1963-69					
В	1961-65					
С	1961-67					
D	1962-68					
A	Answer: D					
9(96. Which of the following places is decided to be the host of the FINA World Championships (25m) 2022?					
A	Hangzhou, China					
В	Melbourne, Australia					
С	Abu Dhabi, United Arab Emirates					
D A	D Budapest, Hungary Answer: B					
	SSC Exam Free Videos (Youtube)					
9	97. Laxmipriya Mohapatra was associated with which of the following classical dances of India?					

A	Sattriya
В	Kathakali
C	Odissi
D	Kuchipudi
-	Inswer: C
9	3. In which of the following languages did Amoghavarsha write Kavirajamarga?
A	Tamil
В	Sanskrit
С	Kannada
D	Telugu
1	nswer: C
9	Wheatstone bridge is an arrangement of resistors used for accurate measurement of resistance.
A	Three
В	six
С	five
D	four
	SSC Study Material
10). Which of the following commodities are exempted from GST?
A	Hand sanitisers
В	Pens
С	Alcohol for human consumption
D	Ventilators
1	nswer: C
	SSC Daily Practice Set
	Quantitative Aptitude

101. The following table shows the production of different types of two wheelers from 1993 to 1998. (No. of two wheelers is in 1000s)

	Visit					
Year Type	1993	1994	1995	1996	1997	1998
A	36	34	40	35	37.5	40
В	20	22	25	23	19.5	18
C	14	22	16	25	29	35
D	60	62	67.5	75	76	80
E	40	45	48	50	80	105
F	45	52	55	60	57.5	56
Total	215	237	251.5	268	299.5	334

What is the approximate percentage increase in the total production of all types of two wheelers in 1998 in comparison to 1994?

- **A** 42
- **B** 45
- **C** 40
- **D** 41

Answer: D

SSC GK Free Tests

- 102. The price of a car is first increased by 35% and after that the price is decreased by 25% due to reduction in sales. What is the net percentage change in final price of the car?
- A Decreases by 25%
- **B** Increases by $2\frac{1}{3}\%$
- **C** Decreases by $1\frac{3}{5}\%$
- **D** Increases by $1\frac{1}{4}\%$

Answer: D

103. The average age of 10 students and their class teacher is 17 years. If the age of the class teacher is excluded, the average age of the 10 students is reduced by 2 years.

What is the age of the class teacher?

- A 38 years
- **B** 36 years
- C 37 years
- **D** 35 years

Answer: C

- 104. A six-digit number is divisible by 198. If the digits are rearranged, even then the number will be divisible by:
- **A** 3
- B (

Current Affairs Question and Answers (Download PDF)

105. Which of the following is the lowest ratio?

A 3:22

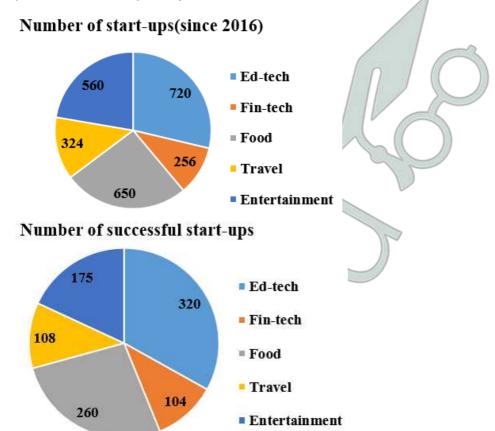
B 23:29

C 17:5

D 5:19

Answer: A

106. The following pie charts show the number of start-ups started in various sectors since 2016 and the number of successful start-ups in those sectors respectively.



Find the ratio of the number of successful start-ups in entertainment sector to the total number of stru1-ups in entertainment since 2016.

A 5:16

B 5:17

C 7:16

D 25 : 81 **Answer:** A

- **A** 3
- **B** 40
- **C** 5
- **D** 15

Answer: C

Daily and Monthly Current Affairs (Download PDF)

108. The weight of a person was entered incorrectly as 83 kg instead of 63 kg. As a result, the average weight of a group of people increased by 500 gm. What is the total number of people in the group?

- **A** 44
- **B** 48
- **C** 40
- **D** 50

Answer: C

109. What is the selling price of a dress that has a marked price of Rs. 500 and is given a 20% discount and subsequently a 10% discount?

- **A** Rs. 330
- **B** Rs. 360
- **C** Rs. 365
- **D** Rs. 345

Answer: B

110. If $a+\stackrel{1}{a}=P^2$, then find $a^2+\stackrel{1}{a^2}$.

- **A** $P^2 2$
- **B** $P^2 + 2$
- **C** $P^4 2$
- **D** $P^4 + 2$

Answer:

SSC Free Preparation App

111. Simplify. $\cos^4 \theta - \sin^4 \theta$ $\sin^2 \theta$

- **A** $1 \tan^2 \theta$
- **B** $\tan^2 \theta 1$
- $\cot^2 \theta 1$
- **D** $1 \cot^2 \theta$

Answer: C



- **A** 10%
- **B** 15%
- **C** 35%
- **D** 20%

Answer: D



- **A** 0
- **B** -1
- **C** 2
- **D** 1

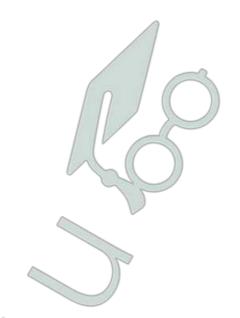
Answer: A

SSC CHSL Prevoius Papers (DOWNLOAD PDF)

- 114. A gives B a head-start of 10 seconds in a 1500 m race and both finish the race at the same time. What is the time taken by A (in minutes) to finish the race if speed of B is 6 m/s?
- **A** 3
- **B** 4
- **C** 8
- **D** 5

Answer: B

- 115. Arrange the given ratios in descending order 15:7,5:11 and 21:77.
- **A** 21:77 > 5:11 > 15:7
- **B** 15:7 > 5:11 > 21:77
- **C** 15:7 > 21:77 > 5:11
- **D** 5:11 > 15:7 > 21:77



- 116. In an assembly election, a candidate got 60% of the total valid votes. 2% of the total votes were declared invalid. If the total number of voters is 1,50,000, then find the number of valid votes polled in favour of that candidate.
- **A** 90,000
- **B** 78,000
- **C** 86,400
- **D** 88,200

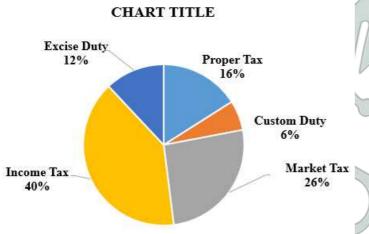
Answer: D

SSC CHSL Free Mock Test (Latest Pattern)

- 117. A six-digit number 763254 is divisible by 18. If we subtract five times of 41 from the number, then the new number which is formed will be divisible by:
- **A** 2
- **B** 7
- **C** 5
- **D** 3

Answer: B

118. The following pie chart shows the distribution of income from different taxes. Study the chart and answer the question.



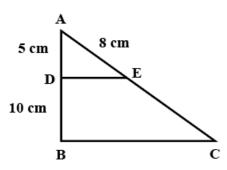
- If the income from the market tax in a year is ₹260 crore, then the total income from other sources is: (in ₹ crore)
- **A** 540
- **B** 560
- **C** 740
- **D** 760

Answer: C

119. The value of $6^{\,\,8}_{\,\,15}\,\div\,^{\,\,7}_{\,\,9}of\left(1^{\,\,1}_{\,\,10}\,+\,5^{\,\,1}_{\,\,5}\right)+^{\,\,2}_{\,\,5}\,\div\,7^{\,\,1}_{\,\,5}$ is:

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120. In the given figure, $DE \parallel BC$. If AD = 5 cm, DB = 10 cm, and AE = 8 cm, then AC is:



- **A** 24 cm
- **B** 32 cm
- **C** 8 cm
- **D** 16 cm

Answer: A

121. What is the LCM of $a^3b - ab^3$, $a^3b^2 - a^2b^3$, ab(a - b)?

- **A** $a^2b^2(a^2+b^2)$
- **B** $a^2b^2(a^2-b^2)$
- **C** $a^2b^3(a^2+b^2)$
- **D** $a^3b^2(a^2-b^2)$

Answer: B

- 122. A hemispherical bowl of internal diameter 18 cm contains water. This water is to be filled in cylindrical bottles of diameter 6cm and height 3 cm. The number of bottles required to empty the bowl is:
- **A** 3
- **B** 9
- **C** 6
- **D** 18

Answer: D

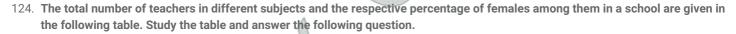
SSC CPO Free Mock Test (Latest Pattern)

- 123. A retailer offers the following discount schemes for buyers on an item.
 - i) Two successive discount of 15%
 - ii) A discount of 20% followed by a discount of 10%
 - iii) A discount of 30%

Under which scheme the selling price will be maximum?

- A ii
- B ii and iii
- **C** i and ii
- **D** i

Answer: D



Subject	Total number of teachers	Percentage of females			
	orteachers	of ichiaics			
Hindi	50	80			
English	40	90			
Mathematics	60	35			
Science	55	40			
Commerce	30	50			
Social Science	40	75			

In which subject are the maximum number of teachers males?

- **A** Mathematics
- **B** Hindi
- **C** Commerce
- **D** English

Answer: A

125. The LCM of two numbers is 840 and their HCF is 7. If one of the numbers is 56, find the other.

- **A** 120
- **B** 112
- **C** 105
- **D** 84

Answer: C

SSC CPO Previous Papers

126. Find the value of a in the following equation. (Given a < 10.)

 $(187 {\div} 17 {\times} a {-} 3 {\times} 3)$

 $(8^2-9\times7+a^2) = 1$

- A 2
- **B** 1
- **C** 4
- **D** 3

Answer: B

127. Find the area of triangle whose sides are 10 cm, 12 cm, and 18 cm.

- **A** $22\sqrt{2} \text{ cm}^2$
- **B** $30\sqrt{2} \text{ cm}^2$
- **C** $28\sqrt{2} \text{ cm}^2$
- **D** $40\sqrt{2} \text{ cm}^2$

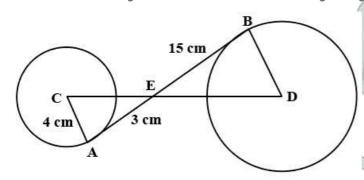
Answer: D

- 128. A shopkeeper increases the selling price of an article by 15%. After increasing the selling price, he noticed that the profit percentage changed from 5% to 15%. The percentage increase in the cost price is:
- **A** 20%
- **B** 10%
- C 15%
- **D** 5%

Answer: D

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129. AB is the common tangent to both circles as shown in the given figure. What is the distance between the centers of the circles?



- **A** 20 cm
- **B** 15 cm
- **C** 10 cm
- **D** 30 cm

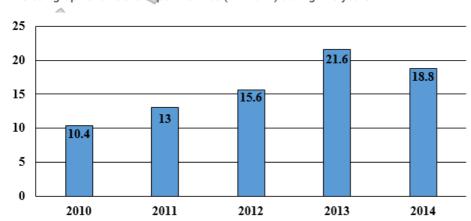
Answer: D

- **A** 16
- **B** 20
- **C** 36
- **D** 25

Answer: C

131. Study the given bar-graph and answer the question that follows.

The bar-graph shows the exp011 of rice (in ₹ lakh) during five years.



In how many years was the export of rice less than the average export for the five-year period?

- **A** 4
- **B** 1
- **C** 3
- **D** 2

Answer: C

SSC CGL Free Mock Test (Latest Pattern)

- 132. The speed of a boat in still water is thrice the speed of the stream. If the boat takes 15.5 sec to go to a certain place downstream, then find the additional time required to cover the same distance travelling upstream.
- **A** 15.5 sec
- **B** 29 sec
- **C** 31 sec
- **D** 35 sec

Answer: A

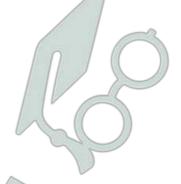
- 133. 8 men and 12 women finish a job in 4 days. While 6 men and 14 women in 5 days. In how many days will 20 women finish the job?
- **A** 10

134. A thief, seeing a policeman from a distance of 120 metres, starts running at a speed of 7 km/h. The policeman chases immediately with a speed of 8 km/h and the thief is caught. What is the distance run by the thief?



- **B** 780 m
- **C** 840 m
- **D** 800 m

Answer: C



SSC CGL Previous Papers (DOWNLOAD PDF)

135. One side of the triangle is 15 cm and the corresponding height is 6 cm, then area of the triangle is:

A 46 sq.cm

B 45 sq.cm

C 47 sq.cm

D 48 sq.cm

Answer: B

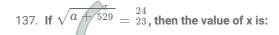
136. By selling 24 items, a shopkeeper gains the selling price of 4 items. His gain percentage is:

A $16\frac{1}{3}\%$

- **B** 20%
- **c** $33\frac{1}{3}\%$

D $16\frac{2}{3}\%$

Answer: B



A 15

- **B** 27
- **C** 47
- **D** 30

Answer: C

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138. The area of the base of a cone is 616 cm 2 . If its slant height is 20 cm, then what is the total surface area of the cone? [Use $\pi = \frac{22}{7}$]

- **A** 1352 cm²
- **B** 1296 cm²
- C 1496 cm²
- **D** 1524 cm²

Answer: C

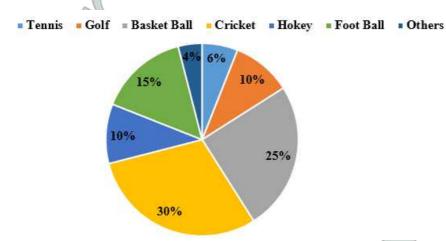
139. The value of $\cot A + \csc A - \cot A - \csc A - 1$ is:

- \mathbf{A} $\frac{1}{2}$
- **B** 3
- **C** 0
- **D** 2

Answer: B

140. The circle graph given here shows the spending of a country on various sports during a year. Study the graph carefully to answer the question.

Percentage of money spent on various sports for one year.



If the total amount spent during the year was ₹ 1,20,00,000, then how much was spent on Basket Ball?

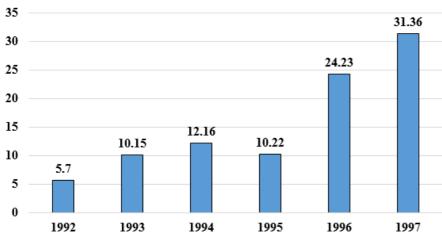
- **A** ₹25,00,000
- **B** ₹10,00,000
- **C** ₹40,00,000
- **D** ₹30,00,000

Answer: D

General Science Notes (Download PDF)

141. The following bar chart shows the vends of foreign direct investment (FDI) into India from all over the world.





- For which year is the per cent increase in FDI over the previous year the highest?
- **A** 1997
- **B** 1994
- C 1996
- **D** 1993

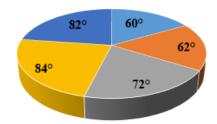
Answer: C

- 142. A hemispherical bowl of internal radius 6 cm contains a liquid. This liquid is to be filled into cylindrical shaped small bottles of diameter 2 cm and height 4 cm. How many bottles will be needed to empty the bowl?
- **A** 32
- **B** 37
- **C** 38
- **D** 36

Answer: D

143. The given chart shows the marks scored by a class X student in different subjects.

Class X Marks Of a Student (Values are in Degrees)



English Hindi Social Science Mathematics Science

If the total marks are 1800, then find the difference between the marks scored in science and mathematics.

Answer: B

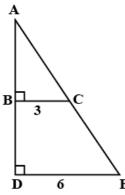
SSC Stenographer Previous Papers (DOWNLOAD PDF)

144. If $\sin^2\theta = \cos^3\theta$, then the value of $(\cot^2\theta - \cot^6\theta)$ is:

- **A** -1
- **B** 0
- **C** 2
- **D** 1

Answer: A

145. Study the given figure and answer the question that follows.



Find the length of AB in the given triangle, if it is given that the length of BD is 4 unit.

- **A** 3
- **B** 3.5
- **C** 2.5
- **D** 4

Answer: D

146. What is the value of $12-8 \div 2 - \{16of(-2) + (3 \times 5 - 4)\}$?

- **A** 29
- **B** 45
- **C** 1
- **D** 0

Answer: A

SSC Stenographer Previous Papers (Latest Pattern)

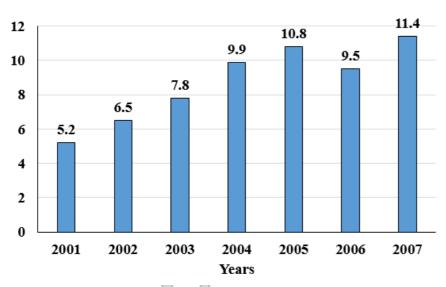
147. What is the positive value of the following expression?

$$\sqrt{36 \div 150f20f[25 \times 4 \div 40f\{29 - (8 - 11) \div (9 \times 5 \div 50f3)\}]}$$

- **A** 1_6^5
- **B** 1_5^1
- **C** 2_5^4
- **D** $2^{\frac{3}{5}}$

Answer: B

148. The following bar graph describes the population of a town (in lakhs) from 2001 to 2007.



Find the percentage increase in population from 2006 to 2007.

- **A** 15%
- **B** 20%
- **C** 16%
- **D** 18%

Answer: B

149. On a certain sum of money lent out at 16% per annum, the difference between the compound interest for 1 year, payable half-yearly, and the simple interest for 1 year is Rs. 60. The sum is:

- **A** Rs. 937.5
- **B** Rs. 9,000
- **C** Rs. 9,365
- **D** Rs. 9,375

Answer: D



SSC CGL Tier-2 Previous Papers PDF

- 150. If $\sin A = \frac{1}{2}$, then the value of $(\tan A + \cos A)$ is:
- **A** $3\sqrt{3}$
- **B** $\frac{3}{2\sqrt{3}}$
- **C** $2\sqrt{3}$
- **D** $3\sqrt{3}$

Answer: C



SSC Exam Free Videos (Youtube)

English Comprehension

- 151. Select the most appropriate synonym of the given word.
 Conjure
- A Appeal
- **B** Quiet
- **C** Appease
- D Content

Answer: A

SSC Study Material

- 152. Select the INCORRECTLY spelt word.
- **A** Cushion
- **B** Scientist
- C Posthumusly
- **D** Laboratory

Answer: C

- 153. Select the option that expresses the given sentence in passive voice. Sugar tastes sweet.
- A Sugar is sweet when it has been tasted sweet.
- **B** Sugar is sweet when it is tasted.
- **C** Sugar is sweet when tastes.
- **D** Sugar is sweet when tasted.

Answer: B

154. Select the most appropriate option that can substitute the underlined segment in the given sentence. Why should <u>I be suspect</u> by you?
A I been suspected
B I been suspect
C I have been suspect
D I be suspected
Answer: D
SSC Daily Practice Set 155. Select the most appropriate meaning of the underlined idiom in the following sentence. A wise man remains aware of fair-weather friends.
A person from an area of pleasant weather
B A person with good knowledge of weather
C A helpful person
A person not reliable in difficult time
Answer: D
156. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'Ne improvement required'. Sheila always went to get ice cream with her dad on Tuesdays.
A had gotten
B gone to get
C went to got
No improvement required
Answer: D
157. Select the most appropriate phrase for the underlined segment in the given sentence. The judgment was <u>rejected</u> by the Chief Justice.
A Seen through
B Stand out
C Set aside
D Run in
Answer: C
SSC GK Free Tests

158. Identify the sentence that correctly uses the indefinite article.

A taco is a traditional Mexican dish consisting of a tortilla topped with a filling. A taco is a traditional Mexican dish consisting of an tortilla topped with filling. An taco is a traditional Mexican dish consisting of tortilla topped with filling. A taco is traditional Mexican dish consisting of a tortilla topped with an filling. Answer: A 159. Select the most appropriate meaning of the given idiom. To throw caution to the wind To do something carefully To do something with caution To do something without worrying about the risk To do something after thinking about the result Answer: C 160. Select the INCORRECTLY spelt word. Whorle Winch Weird Wench Answer: A **Current Affairs Question and Answers (Download PDF)** 161. Select the most appropriate synonym of the given word. **Profit** Benefit Debt **Payment** Loss Answer: A 162. Select the most appropriate meaning of the underlined segment in the given sentence. Vishnu was a naughty little boy, but I couldn't help having a soft spot for him. liking someone immediately getting on extremely well with someone

doing something good for someone you have done something bad to in the past

D	feeling a lot of affection for one particular person, often without knowing why			
1	Answer: D			
16	 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'. Sia is always afraid of loosing her favourite doll. 			
A	of losing			
В	to loosing			
С	No substitution required			
D	for loosing			
	Answer: A			
	Daily and Monthly Current Affairs (Download PDF)			
16	4. Select the most appropriate ANTONYM of the underlined word. The subordinates will <u>vituperate</u> us when they are irritated.			
A	Blame			
В	Abuse			
С	Praise			
D	Demean			
	Answer: C			
165. Select the most appropriate ANTONYM of the underlined word. The penitent husband spends days at his wife's grave.				
A	Unrepentant			
В	Sorry			
C	Penniless			
D	Pertinent			
	Answer: A			
16	6. Select the most appropriate synonym of the highlighted word. I was in a quandary whether to accept the proposal or not.			
A	rage			
В	reluctance			
С	dilemma			
D	sundry			
	Answer: C			

SSC Free Preparation App

167. 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 application of the medicine seemed to <u>lesson</u> his pain. No substitution required lesion lessen lessoned Answer: C 168. 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 flames of the fire leap into the air. No substitution required leap in leapt into leaping into Answer: C 169. 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'. With tear eyes, she said goodbye to her dear friend. teary eyes tear up eyes No substitution required tearing eyes Answer: A SSC CHSL Prevoius Papers (DOWNLOAD PDF) 170. Select the most appropriate ANTONYM of the given word. **Vigorous** Extreme Delicate Energetic

Hard

Answer: B

17	Be hard hit
Δ	An extreme struggle
В	To speak something unpleasant
С	Severely affected by something unpleasant
D	To hit someone hard
P	answer: C
17:	 Select the most appropriate idiom from the following options that can substitute the underlined part of the given sentence. He is a disgrace to his family.
Δ	A fish out of water
В	A white elephant
С	A lone wolf
D	A black sheep
P	Answer: D
	SSC CHSL Free Mock Test (Latest Pattern)
17	3. Select the most appropriate option to replace the underlined word in the given sentence. There is no reason for him to be angry.
4	logic
В	sanity
С	lucidity
D	argument
P	Answer: A
17	4. Select the option that can be used as a one-word substitute for the underlined words in the given sentence. Can you explain to the <u>person hired to drive our car</u> , my everyday schedule?
Δ	cardiologist
В	conductor
С	chauffeur
D	calligrapher
A	Answer: C
17	5. Select the most appropriate ANTONYM of the given word. Approximately

Vaguely Hourly Truly Answer: A Free SSC Study Material (18,000 Solved Questions) 176. Select the INCORRECTLY spelt word. Conceive Appropriate Terminology Beleive Answer: D 177. Select the most appropriate option that can substitute the underlined segment in the given sentence. You must not insists on help people who don't want it. insist for helping insist on helping insists of help insist to help Answer: B 178. Select the most appropriate synonym of the given word. Rebellious Manageable Unruly Нарру Obedient Answer: B **SSC CPO Free Mock Test (Latest Pattern)** 179. Select the option that can be used as a one-word substitute for the given group of words. One who is bad in spellings Cacographer Photographer Choreographer

184. Select the most appropriate synonym of the underlined word in the given sentence. Pankaj always tries his best to uphold the <u>reputation</u> of his institution.

Answer: D



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- 185. Select the most appropriate synonym of the given word. Indignation
- A Offense
- **B** Designation
- **C** Resignation
- **D** Defence

Answer: A

- 186. Select the most appropriate meaning of the given idiom. In a nutshell
- A Briefly
- **B** Constructively
- **C** Scrupulously
- **D** Knotty

Answer: A

- 187. Select the most appropriate ANTONYM of the given word.

 Amateur
- A Hospitable
- **B** Pupil
- **C** Scholar
- **D** Professional

Answer: D

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- 188. Select the most appropriate meaning of the given idiom. Go round in circles
- A Be forced to explain your actions and probably be punished
- **B** Make no progress in an argument or discussion

- Become very confused when you are trying to explain something
- D Believe something good about someone even though you could believe either good or bad

Answer: B

- 189. Select the INCORRECTLY spelt word.
- A Frieze
- **B** Fortunate
- **C** Funereal
- **D** Fortuiteous

Answer: D

- 190. Select the most appropriate idiom for the underlined segment in the given sentence.

 I took a quick trip to my cousin's house before going on vacation to Africa.
- A Break the journey
- B Paid a flying visit
- C Lived out of a suitcase
- **D** Float one's boat

Answer: B

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Instructions [191 - 195]

Read the given passage and answer the questions that follow.

Comprehension:

Key factors influencing subway air pollution will include station depth, date of construction, type of ventilation (natural/air conditioning), types of brakes (electromagnetic or conventional brake pads) and wheels (rubber or steel) used on the trains, train frequency and more recently the presence or absence of platform screen-door systems.

In particular, much subway particulate matter is sourced from moving train parts such as wheels and brake pads, as well as from the steel rails and power-supply materials, making the particles dominantly iron-containing.

To date, there is no clear epidemiological indication of abnormal health effects on underground workers and commuters. New York subway workers have been exposed to such air without significant observed impacts on their health, and no increased risk of lung cancer was found among subway train drivers in the Stockholm subway system.

But a note of caution is struck by the observations of scholars who found that employees working on the platforms of Stockholm underground, where PM concentrations were greatest, tended to have higher levels of risk markers for cardiovascular disease than ticket sellers and train drivers.

The dominantly ferrous particles are mixed with particles from a range of other sources, including rock ballast from the track, biological aerosols such as bacteria and viruses, and air from the outdoors, and driven through the tunnel system on turbulent air currents generated by the trains themselves and ventilation systems.

- 191. What is the passage about?
- A Metro life and the subway facilities
- B The benefits of subway life
- C The risky life in the subways



D	Pollution created by the railroad			
Answer: C				
19:	2. Inferring from passage, what is the most practical way of reducing the health risk of subway life?			
A	Wearing face masks during journey			
В	Opting for other transportation modes			
С	Reducing subway commutation			
D	Generating ventilation systems			
P	Answer: D			
19	3. What is the tone of the speaker?			
A	Serious			
В	Pessimistic			
С	Joyful			
D	Informal			
Į.	Answer: A			
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19	4. Which of the following diseases is found commonly among workers in underground subways?			
A	Abdominal			
В	Cardiovascular			
С	Renal			
D	Pulmonary Answer: B			
	5. Select the most suitable word from the passage which means 'not covered or hidden'.			
19	3. Select the most suitable word from the passage which means not covered of model .			
A	Turbulent			
В	Sourced			
С	Abnormal			
D	Exposed			
P	Answer: D			
Instructions [196 - 200]				
In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.				
Comprehension: It is indeed (1) to create an urban forest to control air pollution. It is like a child's play if (2) awareness is created among people of all ages. Just (3) a mango seed				
	*			

	a jackfruit seed into fertile ground or make seed bombs for the seed to sprout during rainy season. Authorities must take (4)asures to ensure a part of the town or city is allocated to plant trees. This ensures the (5) of adequate oxygen to people.
196	5. Select the most appropriate option to fill in blank number 1.
A	difficult
В	impossible
С	easy
D	impractical
A	General Science Notes (Download PDF)
197	7. Select the most appropriate option to fill in blank number 2.
A	quite
В	much
С	few
D	adequate
Δ	answer: D
198	3. Select the most appropriate option to fill in blank number 3.
A	pick
В	throw
С	pull
D	peel
Δ	Inswer: B
199	9. Select the most appropriate option to fill in blank number 4.
A	necessary
В	time-consuming
С	lethargic
D	glamorous
Α	answer: A
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201	Select the most appropriate option to fill in blank number 5.
ZU(5. Select the most appropriate option to the in bidlik humber 5.

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