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SSC CPO 9th Nov 2022 Shift 3

General Intelligence and Reasoning

- 1. If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will be the value of the following expression?

 10 B 19 A 10 D 10 C 7 = ?
- **A** 184
- **B** 165
- **C** 180
- **D** 140

Answer: A



- 2. Which of the following numbers will replace the question mark (?) in the given series? 35, 51, 76, 112, ?
- **A** 162
- **B** 158
- C 161
- **D** 164

Answer:

3. Select the option that represents the letters that when placed from left to right in the blanks below will complete the letter series.

_ZW_V_Y_WX_UY_W_V_ _ZW_VU

- A YXUZVZXUYX
- **B** XYUZZVXUXY
- C XYUZVXZUXY
- D YXZUXZUYXV

Answer: A

4. 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.)

- (9, 55, 64)
- (7, 43, 50)
- **A** (7, 42, 50)
- **B** (8, 32, 41)
- **C** (4, 17, 21)



SSC CHSL Free Mock Test (Latest Pattern)

5. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements

Some windows are houses.

Some windows are roofs.

Conclusions:

- I. Some roofs are houses.
- II. Some roofs are windows.
- A Neither conclusion I nor II follows
- **B** Only conclusion I follows.
- **C** Both conclusions I and II follow.
- **D** Only conclusion II follows.

Answer: D

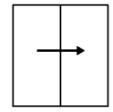
6. Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

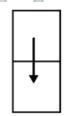
D j 3 7 b w | N

- wd7 E i a
- **D** j 3 7 b w ⁸
- Di37bM
- Di31pm o

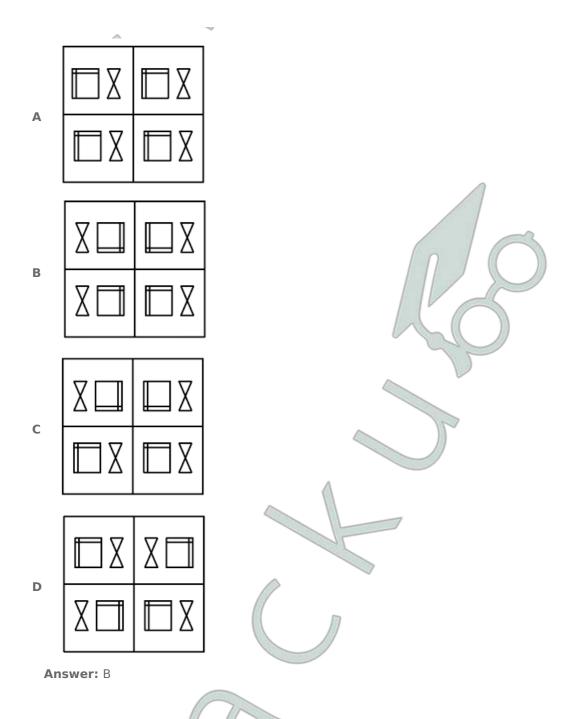
Answer: B

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









Free SSC Study Material (18,000 Solved Questions)

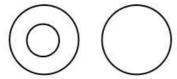
- 8. If P denotes '×', Q denotes '÷', R denotes '+', and S denotes '-', then what will come in place of '?' in the following equation?
 94 R 16 Q 2 P 7 S 64 R 13 P 2 = ?
- **A** 120
- **B** 118
- **c** 108
- **D** 112

Answer: D

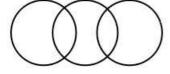
9. Select the Venn diagram that best illustrates the relationship between the following classes.

Bag, Leather, Cloth

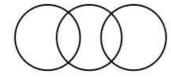




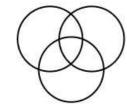
В



C



D



Answer: C

10. Select the option that is related to the third word in the same way as the second word is related to the first related to the word. (The words should be treated as meaningful Hindi words and should not be related to each other on the basis of number of letters/consonants/vowels in the word.)

Increase: Diminish:: Smile:?

- A Wink
- **B** Laugh
- **C** Shout
- **D** Frown

Answer: D

SSC CPO Free Mock Test (Latest Pattern)

11. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. (130 * 4) * 21 * 485 * (28 * 2)

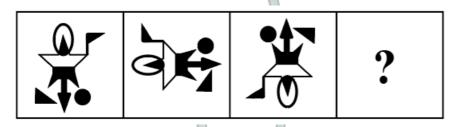
A
$$+,-,=,-,>$$

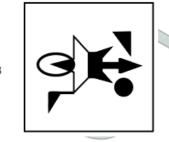
$$\mathbf{B} \quad \div, +, =, -, \times$$

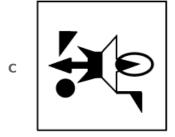
$$\mathsf{c}_{\times,-,=,-,\div}$$

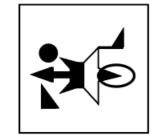
$$\mathbf{D} \times, -, =, +, \div$$

Answer: D









Answer: C

- 13. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
- **A** EHJM
- **B** PSUX
- C SVXA
- NPSU Answer: D



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again and walks 17 m. She ag	se and walks 29 m towards the north and then turns right and walks 16 m. Now she turns right ain takes a right turn and stops after walking for 21 m. What is the shortest distance between Assuming that all turns are 90 degree turns only)
A 17 m	
3 18 m	
2 13 m	
12 m	
Answer: C	
15. In a certain code language, 'So written in that language?	OMEONE' is written as '1645655' and 'BRINJAL' is written as '2995113'. How will 'NOVEMBER' b
A 56454259	
45253258	
56254251	
56455259	
Answer: A	
16. Select the option that represe the letter series. TRQT_EW_TWQ_	nts the letters which when sequentially placed from left to right in the blanks below will complet R G $_{\rm -}$ Q
A DWSQSFTW	
3 DWSQRFTW	A
D W R Q R F T W	
D EWRQRFTW	
Answer: C	
1500 + F	ree Must Solved SSC Questions (With Solutions)
	clusters will replace the question mark (?) in the given series to make it logically complete?
A GKB	
001/	()//

GCB

BGK **Answer:** B 18. 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:

No pin is a tin.

Some pins are wins.

Conclusions:

- I. All wins are tins.
- II. Some wins are pins.
- A Only conclusion I follows.
- **B** Both conclusions I and II follow.
- C Only conclusion II follows.
- **D** Neither conclusion I nor II follows

Answer: C

- 19. Seven people, P, Q, R, S, T, U and V are sitting in a straight row facing the north. Only two people sit to the right of U. Only two people sit to the left of R. Only two people sit between U and Q. Only three people sit between R and V. T is not an immediate neighbour of U. S sits to the right of U. How many people sit between Q and V?
- **A** 2
- **B** 1
- **C** 3
- **D** 4

Answer: D

SSC CGL Free Mock Test (Latest Pattern)

20. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation. 54*6*72*8*3*15

B
$$\div, -, -, +, =$$

$$C +, \div, \times, +, =$$

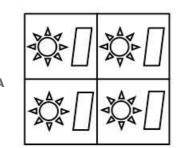
$$\mathbf{D} \times, -, - +, =$$

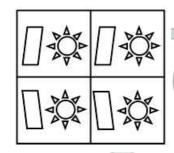
Answer: A

- 21. If 30 April 1983 was a Saturday, then what was the day of the week on 13 August 1989?
- **A** Thursday
- **B** Sunday
- **C** Monday
- **D** Friday **Answer:** B

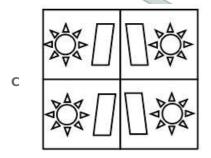


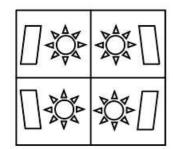






В





Answer: D

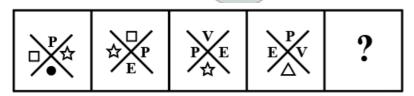
D

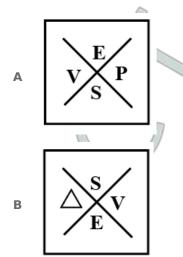
SSC CGL Previous Papers (DOWNLOAD PDF)

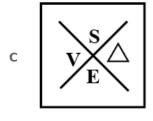
- 23. Which of the following numbers will replace the question mark (?) in the given series? 13, 14, 14, ?, 176
- **A** 148
- B 22
- **C** 38

Answer: B

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



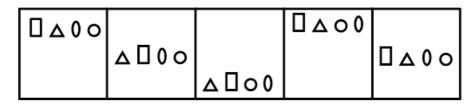


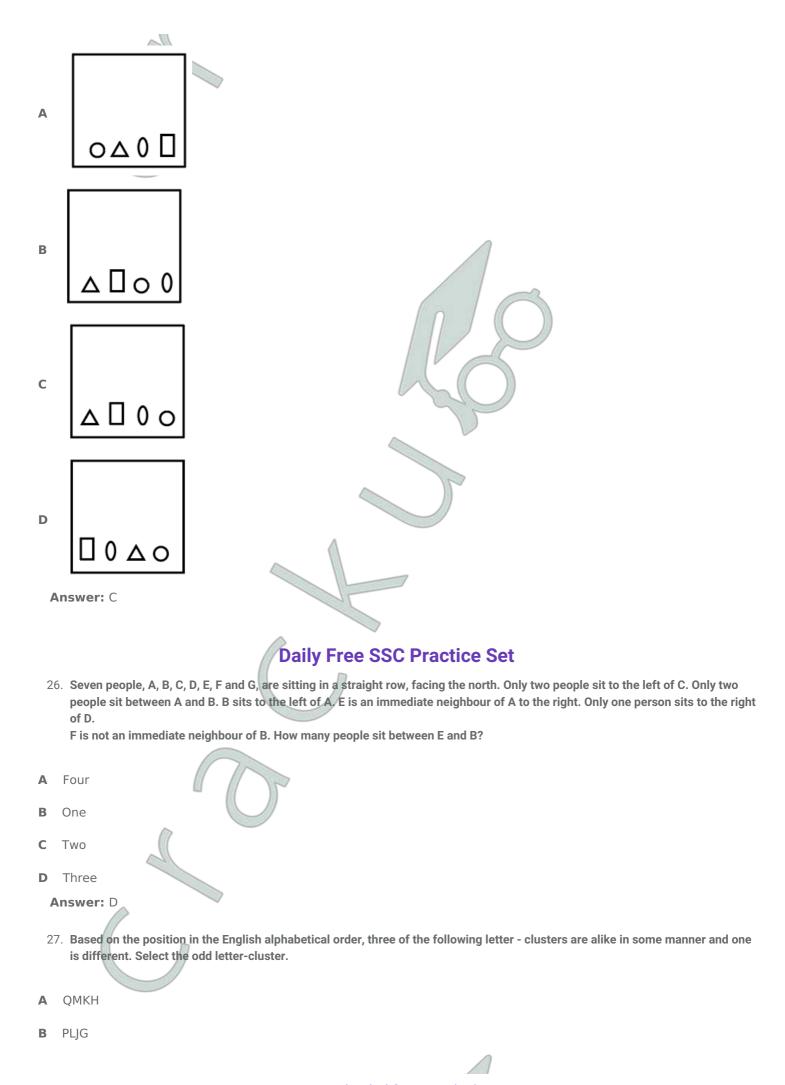




Answer: C

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





- **ZTSQ** WSQN Answer: C 28. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 Kelvin 2 Kegel 3 Keto 4 Kennel

 - 5 Kernel
 - 2,1,4,5,3
 - 1,4,3,2,5
 - 2,3,1,4,5
 - 1,2,4,5,3

Answer: A

General Science Notes (Download PDF)

- 29. Rajesh drives 4 km towards west from point A and takes right turn and drives 8 km. He again takes right turn and drives 8 km. He again takes one more right turn and drives 4 km. Finally, he takes a right turn and drives 4 km to reach point B. How far and towards which direction should he drive in order to reach point A again?
- 3 km towards north
- 2 km towards east
- 4 km towards south
- 4 km towards west

Answer: C

- 30. A # B means 'A is the father of B'.
 - A @ B means 'A is the son of B'.
 - A & B means 'A is the sister of B'.
 - A % B means 'A is the wife of B'.
 - If W # Q @ T & Y @ M % K, then how is K related to W?
- Brother
- Brother-in-law
- Father-in-law
- Father

Answer: C

- 31. If A denotes '+', B denotes 'x', C denotes '-', and D denotes '÷', then what will be the value of the following expression? 23 C 46 D 23 B 3 A 65
- 82

SSC Stenographer Previous Papers (DOWNLOAD PDF)

32. Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

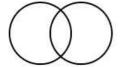
$$\begin{array}{c|c} B & 4 & 2 & d & r & h \\ \hline \\ N \end{array}$$

- B42drh
- B 4 2 d r d
- B F 7 d r d
- □ hıb24A

Answer: A

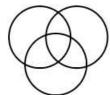
33. Select the Venn diagram that best illustrates the relationship between the following classes. Monument, Taj Mahal, White House



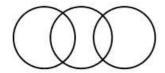


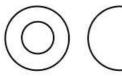


R









Answer: D

- 34. If P denotes ' \times ', Q denotes ' \div ', R denotes '+', and S denotes '-', then what will come in place of '?' in the following equation? $\sqrt[4]{81R6P3S26R64}$ =?
- **A** 63
- **B** 65
- **C** 56
- **D** 59

Answer: D

SSC Stenographer Previous Papers (Latest Pattern)

- 35. In a code language, 'food is fresh' is coded as 'dy in pq', 'bring fresh food' is coded as 'tq pq dy', and 'food is hot' is coded as 'dy in to'. What is the code for the word 'fresh'?
- A In
- B to
- **C** pq
- **D** dy

Answer: C

- 36. 'B % D' means 'B is the brother of D'.
 - 'B & D' means 'B is the mother of D'.
 - 'B × D' means 'B is the husband of D'.
 - 'B # D' means 'B is the sister of D'.
 - 'B \$ D' means 'B is the son of D'.
 - 'B @ D' means 'B is the father of D'.

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

- P%Q\$S#R%U×T
- A P is the son of T.
- **B** S is the brother-in-law of T.
- C U is the mother's brother of P
- **D** P is the daughter of T.

Answer: C

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

3:8::6:?::11:1000

- **B** 512
- C 125
- **D** 729

Answer: C

SSC CGL Tier-2 Previous Papers PDF

- 38. Select the number from among the given options that can replace the question mark (?) in the following series. 112, 101, 91, ?, 74, 67
- **A** 81
- **B** 85
- **C** 80
- **D** 82

Answer: D

- 39. Which of the following numbers will replace the question mark (?) in the given series? 25, 30, 35, 38, 41, 46,?
- **A** 53
- **B** 51
- **C** 49
- **D** 50

Answer: B

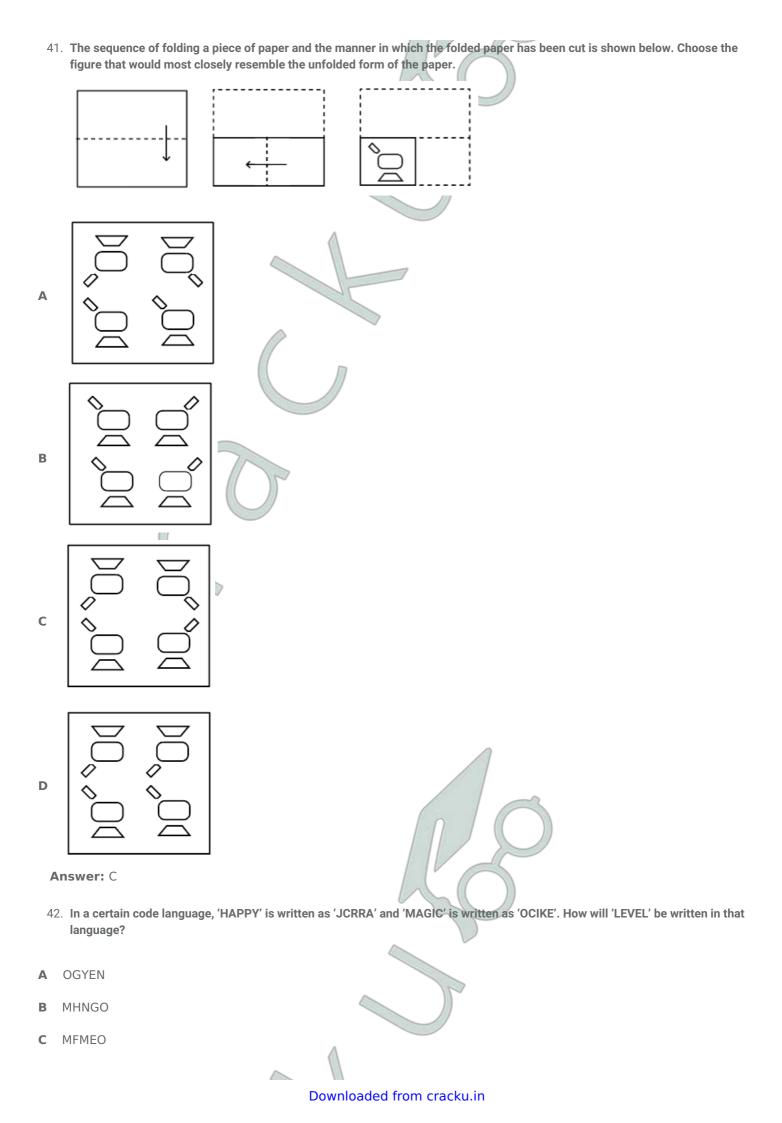
40. Select the set in which the numbers are related in the same way as are the numbers of the following set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(39, 81, 123)

- (56, 32, 8)
- **A** (61, 57, 53)
- **B** (42, 33, 15)
- **C** (97, 63, 38)
- **D** (24, 35, 31)

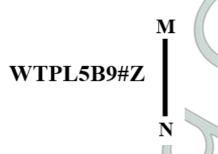
Answer: A

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Answer: D

43. Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



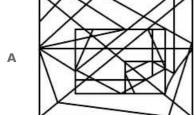
- WTPL5B9#Z A
- MLbF2B6#R
- WTPL5B9#S $_{2}$
- MLbF2B6#Z

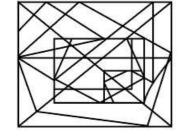
Answer: A

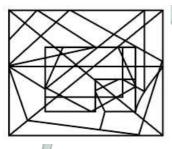
SSC Study Material

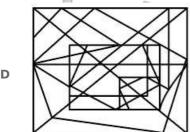
44. Select the option figure in which the given figure is embedded (rotation is NOT allowed).











Answer: D

45. Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.

_ad_vk_a_dvv_raa_v_kr

- **A** avrkadv
- **B** avrakdv
- C varvkdv
- D avrvada

Answer: B

- 46. In a code language, 'ELEMENT' is written as '5, 12, 5, 13, 5, 14, 20' and 'ALLOY' is written as '1, 12, 15, 25'. How will 'VIBRANIUM' be written in that language?
- **A** 22, 9, 2, 18, 14, 1, 9, 21, 13
- **B** 22, 9, 2, 18, 1, 14, 21, 9, 13
- **C** 22, 9, 2, 18, 1, 14, 9, 21, 13
- **D** 22, 9, 2, 14, 18, 1, 9, 21, 13

Answer: C

SSC Daily Practice Set

- 47. 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)

(11, 10, 21)

(14, 6, 160)

- **A** (16, 9, 165)
- **B** (19, 12, 217)

- **c** (81, 16, 65)
- **D** (27, 18, 9)

Answer: B

- 48. If + means -, means \times , \times means \div , and \div means +, what will be the value of the following expression? $64 \times 8 \div 24 5 + 3$
- A
- **B** 125
- **C** 64
- **D** 157

Answer: B

49. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters / number of consonants / vowels in the word.)

Shield: Guard:: Spanner:?

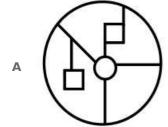
- A Grip
- **B** Shot
- **C** Amplify
- **D** Grind

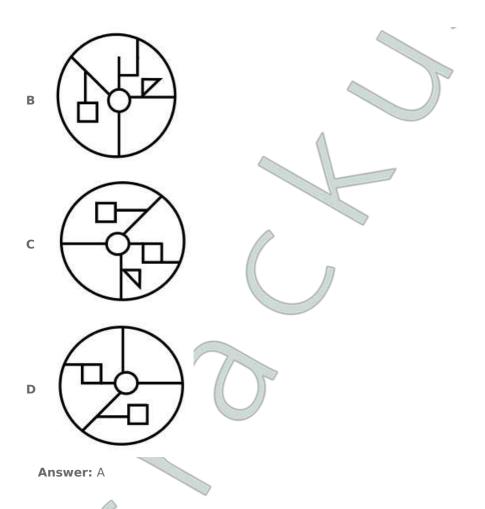
Answer: A

SSC GK Free Tests

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







Current Affairs Question and Answers (Download PDF)

General Knowledge and General Awareness

- 51. 'The Unblemished One', a dance film by ______, has won two awards at White Unicorn International Film Festival (WUIFF) in the categories of 'Experimental Film' and 'Film on Women.'
- A Chitra Visweswaran
- **B** Anjana Ghonasgi
- C Deepa Mehta
- D Oopali Operajita

Answer: B

Daily and Monthly Current Affairs (Download PDF)

- 52. Which membrane-bound cell organelle consisting of a small sac-like structure surrounded by single membranes serves as the cell's digestive system, allowing material taken from outside the cell to degrade and digest obsolete omponents of the cell?
- A Lysosome
- **B** Peroxisome
- **C** Glyoxysome
- **D** Polysome

Answer: A



3	3. Which of the following was NOT an aim of the satellite INSAT-1B?				
A	Protecting the national borders				
В	TV communication				
С	Weather forecasting				
D	Disaster warning				
1	Answer: A				
5	4. Conifers, cycads and ginkgo plants belong to which of the following plant groups?				
A	Gymnosperm				
В	Angiosperm				
C	Pteridophyta				
D	Bryophyta				
1	er: A				
	SSC Free Preparation App				
5	5. Which of the followingis NOT true about Right to Religion in India?				
_					
A	A person may choose any religion or may choose not to follow any religion.				
В	Everyone is free to choose a religion and practice that religion				
С	Freedom to profess, follow and propagate any religion.				
D	Freedom for forcible conversions.				
	Answer: D				
5	6. Which of the following options is correctly matched?				
A	Units of force - Joule, Horsepower, Torr				
В	Units of work done - Newton, Pascal, Bar				
C	Units of pressure - Pascal, Bar and Torr				
D	Units of volume - Kilogram, Gram, Metre				
	Answer: C				
5	7. Vijayanagara empire was founded in which of the following years?				
^	1210				
A	1210				
В	1315				
C	1336				

SSC CHSL Prevoius Papers (DOWNLOAD PDF)

58. Bijapur was annexed by Aurangzeb in which year?

- **A** 1689
- **B** 1685
- C 1687
- **D** 1683

Answer: B

- 59. Which Gharana was propounded by Bade Fateh Ali Khan and Ali Baksh Jarnail Khan?
- A Gwalior Gharana
- **B** Agra Gharana
- C Patiala Gharana
- **D** Bhendi Bazaar Gharana

Answer: C

- 60. Which of the following has similarity to Article 29(1) of the Universal Declaration of Human Rights which states "everyone has duties to the community in which alone the free and full development of his personality is possible"?
- A Directive Principles
- **B** Fundamental Rights
- **C** Cooperative Societies
- **D** Fundamental Duties

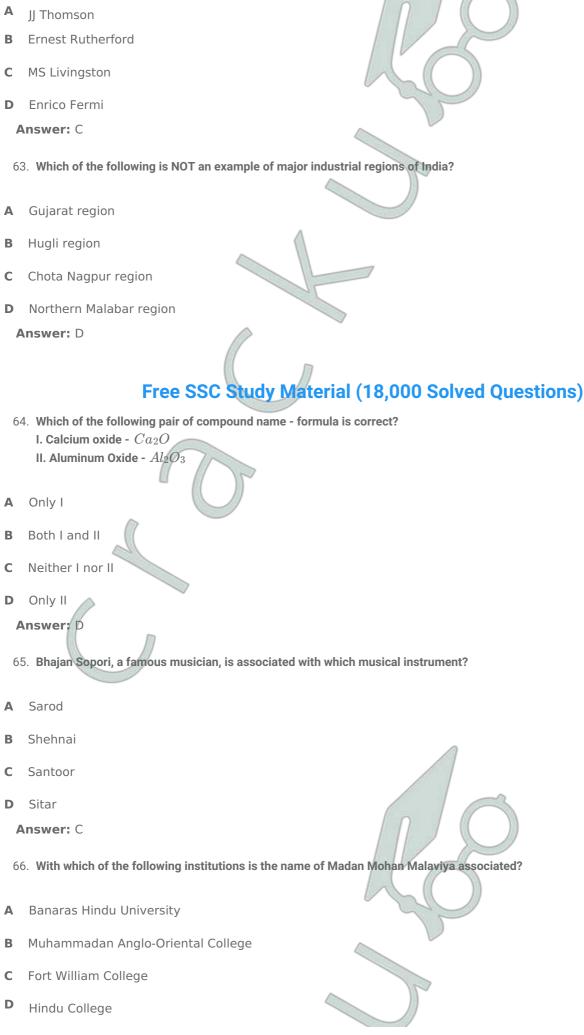
Answer: D

SSC CHSL Free Mock Test (Latest Pattern)

- 61. Movement of fault lines can cause:
- A a flood
- **B** sudden rain
- C an earthquake
- **D** a storm

Answer: C

62. Who co-invented the device called Cyclotron in 1934 along with Ernest Lawrence to investigate the nuclear structure?



bordex mixture

SSC CPO Free Mock Test (Latest Pattern)

67. Trichloromethane is the IUPAC name of glycerol bleaching powder benzene hexachloride chloroform Answer: D 68. In 1991, the Indian rupee was devalued in how many steps? Four times Three times Once Twice Answer: D 69. Which state in India has the highest percentage of the Hindu population in 2011? Uttar Pradesh Rajasthan Himachal Pradesh Andhra Pradesh Answer: C **SSC CPO Previous Papers** _____ is the currency in the hands of the public plus commercial bank reserves, also called 'high-powered money'. Desired reserve ratio Excess reserves Monetary base Money multiplier Answer: C 71. Calcium hypochlorite is commonly known as:

g powder
gas

gunpowder

Answer: B

72. Violin virtuoso L Subramaniam is famous for which of the following genres of music globally?

- **A** Jazz
- **B** Hindustani music
- C Carnatic music
- **D** Rock

Answer: C

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73. Under which Article of the Constitution of India is the National Commission for Scheduled Castes established?

- A Article 336
- **B** Article 338
- C Article 333
- **D** Article 335

Answer: B

74. Which of the following pair of compound - general formula is correct?

I. Alkenes -
$$C_nH-2n$$

II. Alkanes -
$$C_nH-2n-1$$

- A Only II
- B Only I
- C Neither I nor II
- **D** Both I and II

Answer: B

75. As of April 2022, which of the following features of citizenship given in the Constitution of India is NOT true?

- **A** The Constitution of India provides for single citizenship.
- **B** The UK Constitution inspired this notion of citizenship.
- C People can benefit from the development of advantages merely by becoming citizens.
- The ability to vote and be elected to positions such as President and Member of Parliament is accessible to Indians around the world.

Answer: D

SSC CGL Free Mock Test (Latest Pattern)

76. Which of the following rule is used to find the direction of magnetic field associated with a current carrying conductor?

- A Left hand rule
- B Fleming's right-hand rule
- C Maxwell's corkscrew rule
- **D** Fleming's left-hand rule

Answer: C

- 77. The first Indian musician to receive the Ramon Magsaysay award for public service is:
- A MS Subbulakshmi
- **B** Zakir Hussain
- C Bhimsen Joshi
- **D** Bismillah Khan

Answer: A

- 78. The Battle of Khatoli fought was in 1517 between the kingdom of Mewar under Rana Sanga and _____.
- A Sikander Lodi
- **B** Babur
- C Ibrahim Lodi
- D Mahmud Lodi

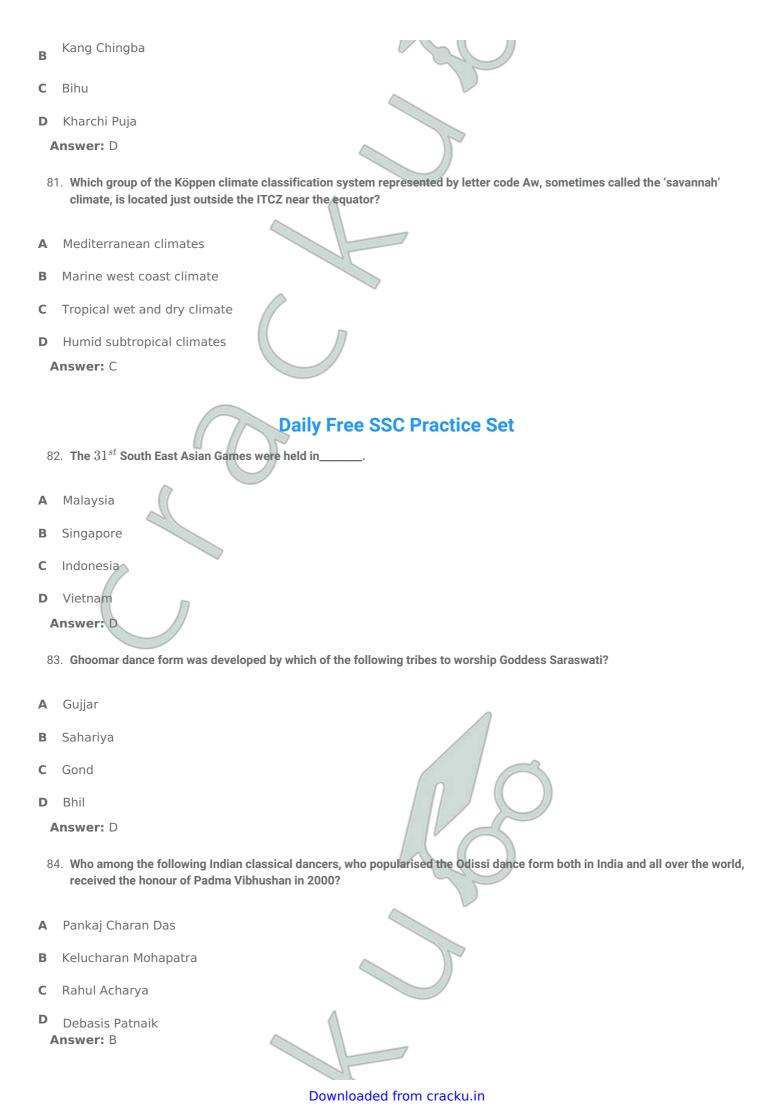
Answer: C

SSC CGL Previous Papers (DOWNLOAD PDF)

- 79. Which of the following is a part of celestial objects?
 - I. Stars
 - II. Planets
 - III. Moon
- A Only I and III
- B Only I and II
- C I. II and III
- **D** Only II and III

Answer: C

- 80. Which of the following festivals is associated with Tripura?
- A Wangala



General Science Notes (Download PDF)

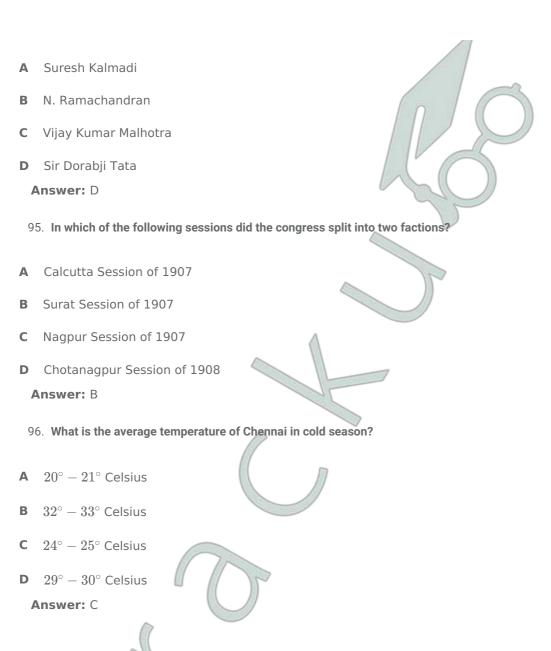
8	5. Under whose leadership was the 42nd Amendment Act passed?					
Α	Morarji Desai					
В	Rajiv Gandhi					
С	Indira Gandhi					
D	Charan Singh					
A	Answer: C					
8	6. Which of the following statement regarding the Deccan Plateau is correct?					
A	The Deccan Plateau has almost the same height through its expanse.					
В	The Deccan Plateau is higher on the east and west ends and slopes towards the center.					
С	The Deccan Plateau is higher in the west and slopes gently eastwards.					
D	The Deccan Plateau is higher in the east and slopes gently westwards.					
A	Answer: C					
8	7. The difference between farmer's output over and above his on-farm consumption is known as					
_						
A B	consumer surplus marketable surplus					
С	foreign consumption					
D	domestic consumption					
A	Answer: B					
	SSC Stenographer Previous Papers (DOWNLOAD PDF)					
8	8. Which of the following can be used as an instant energy booster?					
A	Garlic					
В	Coriander					
С	Lemon					
D	Banana					
1	Answer: D					
8	9. Who among the following is related to the Lucknow Kalka-Bindadin gharana of Kathak?					
A	Pandit Birju Maharaj					
В	Padma Subrahmanyam					

C Sonal Mansingh

D	Guru Bipin Singh				
A	Answer: A				
9	0. Who among the following is credited with popularising the catchphrase 'Inquilab Zindabad'?				
Δ	Ram Prasad Bismil				
В	Bhagat Singh				
С	Chandrashekhar Azad				
D	Sukhdev				
A	Answer: B				
	SSC Stenographer Previous Papers (Latest Pattern)				
9	1. 'Mein Kampf' of Adolf Hitler was originally written in which of the following languages?				
_					
Α.	Japanese				
В	English				
С	German				
D ,	French Answer: C				
-	Answer: C				
9	2. What is the meaning of the medals "Tong Xin" given at the 2022 Beijing Winter Olympics?				
Δ	Together we Can Achieve				
В	Together for a Shared Future				
С	Together for a Successful Future				
D	Together as One				
-	Answer: D				
9	3. The Rolling plan was implemented between which two five-year plans?				
Δ	Fourth and Fifth				
В	Sixth and Seventh				
С	Second and Third				
D	Fifth and Sixth				
	Answer: D				

94. Who among the following was the first president of Indian Olympic Association?

SSC CGL Tier-2 Previous Papers PDF

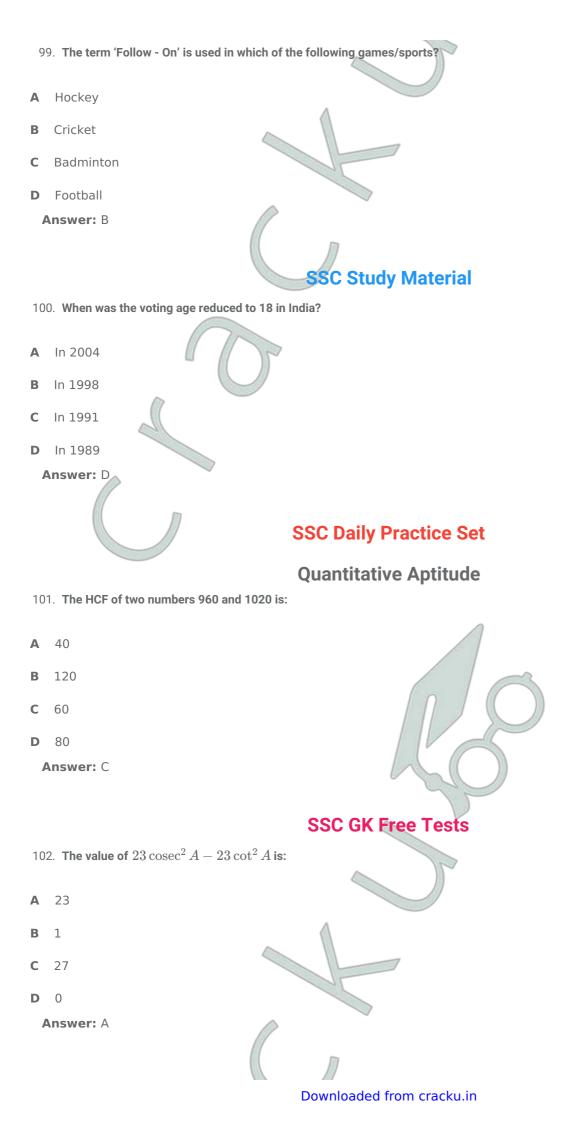


SSC Exam Free Videos (Youtube)

- 97. Which of the following is NOT correct about Fundamental Duties?
- A They were included by the 42nd Constitutional Amendment Act, 1976.
- **B** They are non-justiciable in nature.
- **C** They are mentioned under Article 51A of the Constitution.
- **D** Their inclusion in the Constitution was inspired by the American Constitution.

Answer: D

- 98. When was Awadh annexed by Lord Dalhousie?
- **A** 1857
- **B** 1855
- **C** 1858
- D ₁₈₅₆
 Answer: D



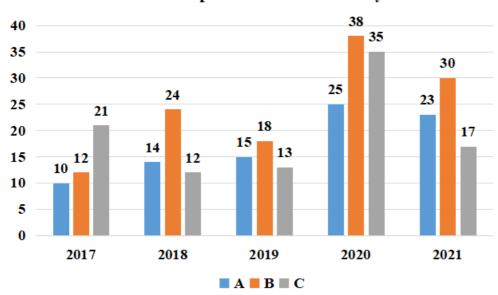
10	3. The population of a town is 1,25,000. If the annual birth rate is 12.7% and the annual death rate is 2.7%, how much will the population increase after 3 years?
A	43,285
В	41,375
С	42,565
D	40,275
A	Answer: B
10	4. The perimeter of a rectangle is equal to the perimeter of a square. If the length and the breadth of the rectangle are 10 cm and cm, respectively, then what will be the area of the square?
A	72 cm^2
В	98 cm^2
С	81 cm^2
D	$64~cm^2$
	Answer: C
	Current Affairs Question and Answers (Download PDF)
10	5. Two angles of a triangle are equal and the third angle measures 70° . What is the measure of each of the unknown angles?
A	75°
В	45°
С	65°
D	55°
	Answer: D
10	6. The salaries of A,B and C are in ratio 2:3:4. If increments of 30%, 20% and 10% are allowed, respectively, in their salaries, then what will be the new ratio of their salaries?
A	22:11:18
В	18:13:22
С	13:18:22
D	22:18:13
A	Answer: C
10	7. A computer marked at Rs.18,000 was sold at Rs.15,840. The percentage of discount is:
A	13.6%
В	21.60%

Daily and Monthly Current Affairs (Download PDF)

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

The bar-graph shows the number of employees recruited (in lakhs) by three different companies in five different years.

Number of employees recruited (in lakhs) in three different companies in five different years



The number of employees recruited in company B in the year 2019 was what percentage of the number of employees recruited in company C in the year 202 1(correct up to 2 decimal places)?

A 88.85%

B 85.25%

C 105.88%

D 102.35%

Answer: C

109. Find the sum of the numbers between 550 and 700 such that when they are divided by 12, 16 and 24, leave remainder 5 in each case.

A 1980

B 1887

C 1860

D 1867

Answer: B

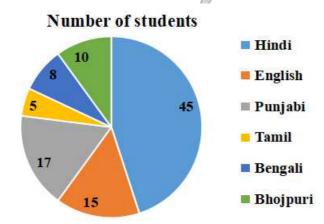


- 110. There are six baskets Green, Red, Blue, Yellow, Black and White. Each basket has some rings in it. The average number of rings in all the six baskets is 38. If the blue basket is removed, the average number of rings in the remaining baskets is 34. How many rings are there in the blue basket?
- **A** 22
- **B** 45
- **C** 37
- **D** 58

Answer: D

SSC Free Preparation App

111. The given pie chart shows the percentage of students who speak different languages in a hostel. The total number of students in the hostel is 120.

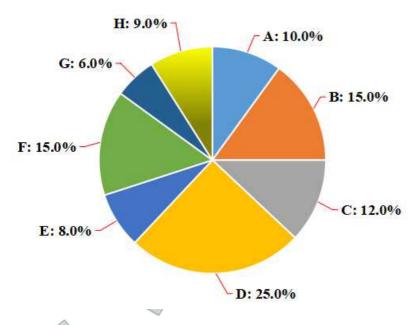


- What is the ratio of students speak English and Bhojpuri to those who speak Tamil?
- **A** 10:3
- **B** 1:1
- C 20:3
- **D** 5:1

Answer: D

- 112. If $16^2 k = \left(4y + \frac{3}{2}\right) \left(4y \frac{3}{2}\right)$, then the value of k is:
- **A** 9
- B $\frac{11}{4}$
- **c** $^{6}_{4}$
- **D** $\frac{7}{4}$

Answer: A



If the number of workers in category B is increased by 10% and the number of workers in category D is decreased by 5% in 1996, then what is the total no. of workers in categories B and D in 1996, if no. of workers in B was 1500 in the year 1995?

- **A** 4025
- **B** 4500
- **C** 5000
- **D** 4000

Answer: A

SSC CHSL Prevoius Papers (DOWNLOAD PDF)

- 114. The radius of a hollow sphere is 21 cm. It is cut into two equal halves by a plane passing through its centre. What is 75% of the curved surface area (in cm^2 ,rounded off to the nearest tens) of the hemisphere? (take $\pi=\frac{22}{7}$)
- **A** 4160
- **B** 3470
- **C** 2080
- **D** 2770

Answer: C

- 115. In an election between two candidates, 65% of the voters cast their votes, out of which 3% of the votes were decided to be invalid. A candidate got 81965 votes which are 65% of the total valid votes. What is the total number of votes enrolled in that election?
- **A** 200000
- **B** 190000
- **C** 215000

Answer: A

116. Amit & Sumit start walking from same point in opposite directions at the speed of 6 km/h and 4 km/h, respectively. How far will they be from each other after 4 hours?

- **A** 500 m
- **B** 35 km
- **C** 40 km
- **D** 300 m

Answer: C

SSC CHSL Free Mock Test (Latest Pattern)

- 117. A man goes from place A to B at a speed of 12 km/h and returns from B to A at a speed of 18 km/h. His average speed for the entire journey is:
- **A** $14\frac{2}{5}$
- **B** 15 km/h
- **C** 6 km/h
- **D** 30 km/h

Answer: A

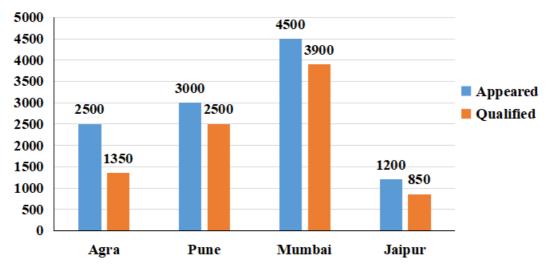
118. Study the following table and answer the question.

	Subjects				
Students	Chemistry Maximum marks 300	Mathematics Maximum marks 300	Physics Maximum marks 150	Hindi Maximum Marks 300	English Maximum Marks 200
Raju	60	85	90	80	65
Shyamu	65	70	60	75	65
Mohan	70	75	80	65	85
Shobh	60	65	60	85	80
Sushil	65	75	70	60	75

Percentage of marks obtained by five students in different subjects. What are the average marks in percentage obtained by Mohan?

- A 70.6 Percent
- B 74.6 Percent
- C 73.2 Percent
- D 73.6 Percent

119. Total number of candidates who appeared and qualified in a competitive examination from different cities are given in the following bar graph. Study the bar graph carefully and answer the following question.



What is the difference between the average number of appeared candidates and the average number of qualified candidates in the exam from all the cities?

- **A** 525
- **B** 550
- **C** 650
- **D** 625

Answer: C

Free SSC Study Material (18,000 Solved Questions)

120. A wrist watch is sold for ₹1,200 at a profit per cent equal to its cost price. Find the cost price of the wrist watch.

- **A** ₹400
- **B** ₹250
- **C** ₹350
- **D** ₹300

Answer: D

- 121. A can do a piece of work in 10 days. B can do it in 15 days. With the assistance of they completed the work in 5 days. Find in how many days C alone can do it?
- **A** 20
- **B** 25
- **C** 30
- **D** 35

Answer: C



- **A** Rs. 9,000
- **B** Rs. 10,000
- **C** Rs. 7,500
- **D** Rs. 7,800

Answer: B

SSC CPO Free Mock Test (Latest Pattern)

123. The greatest four digit number which is exactly divisible by 15, 24 and 40 is:

- **A** 9960
- **B** 9940
- **C** 9990
- **D** 9980

Answer: A

124. The value of $\begin{cases} (m^2+n^2)(m-n)(m-n)^3 \\ (m^2n-mn^2) \end{cases}$ is

- \mathbf{A} m+n
- **B** m n
- **C** 2
- $D \quad n$

Answer: C

125. If x + y + z = 8, and $x^2 + y^2 + z^2 = 20$ then the value of $x^3 + y^3 + z^3 - 3xyz$ is _____.

- **A** 16
- **B** 10
- **C** 15
- **D** -16

Answer: D

SSC CPO Previous Papers

126. Solve the following equation.

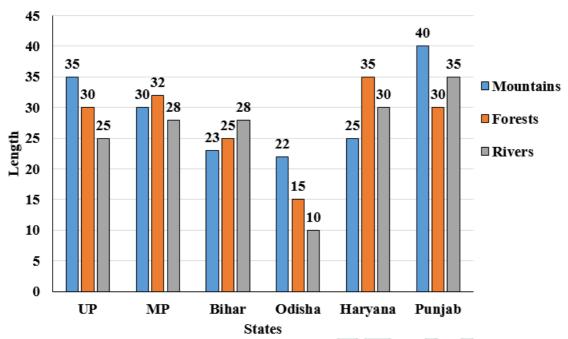
$$123 \times (16^2 - 14^2 - 40) \div 2 - 9^4 =$$

A 17280

- **B** 6561
- **C** 10719
- **D** 9865

Answer: C

127. Study the given bar graph to answer the following question. The bar graph shows the length (in thousand kilometers) of mountains, forests and rivers in different states.

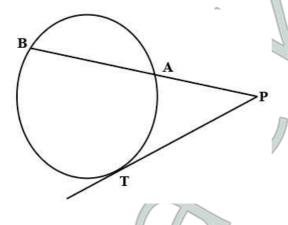


The length of mountains in Punjab is what percentage more than the length of rivers in Odisha?

- **A** 400%
- **B** 300%
- **C** 200%
- **D** 100%

Answer: B

128. In the following figure, if PT= 12 cm and PB= 24 cm, then find AB.



- **A** 24 cm
- **B** 18 cm
- **c** 16 cm

1500 + Free Must Solved SSC Questions (With Solutions)

129. Study the given table and answer the question that follows.

The table shows the consumption of various grains by a total of four families of four members each from 2002 to 2005.

Year	Wheat (kg)	Rice (kg)	Oats (kg)	Quinoa (kg)
2002	162	62	131	61
2003	196	80	116	64
2004	187	116	103	46
2005	189	122	101	45

For the total of these four families, what is the difference (in kg) between the average consumption per year of wheat and that of oats?

- **A** 129.5
- **B** 90.67
- **C** 70.75
- **D** 63.5

Answer: C

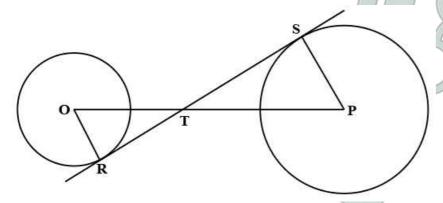
- 130. Given tliat A and B are second quadrant angles, $\sin A = \frac{1}{3}$ and $\sin B = \frac{1}{5}$
- **A** $4\sqrt{3}+1$
- **B** $8\sqrt{3}-1$
- c $8\sqrt{3}+1$
- **D** $4\sqrt{3}-1$ 15

Answer: C

- 131. If the 9-digit number 72 x 843 1 y 4 is divisible by 36, what is the value of $\begin{pmatrix} x & y \\ y & x \end{pmatrix}$
- **A** 17^{5}
- **B** 2_{10}^{1}
- **c** 1_5^2
- **D** 2_{10}^{9}

Answer: B

132. In the given figure, the circle with centre O has radius IO cm. The radius of the circle with centre P is x . STR is a common tangent to the two circles at points R and S as shown in the figure. RT = 16 cm and TS = 24 cm. What is the value of x (in cm)?



- **A** 15
- **B** 16
- **C** 12
- **D** 18

Answer: A

- 133. Two trains A and B start running at 80km/h and 82 km/h towards each other from two different stations. They meet after 1 hour and 30 minutes. How far were they from each other when they started?
- **A** 190 km
- **B** 262 km
- **C** 243 km
- **D** 224 km

Answer: C

134. What is the value of $\sin A + B \sin A \cos B$?

- **A** $1 + \cot A \tan B$
- **B** $1 + \tan A \cot B$
- $\mathbf{C} \quad 1 \sin A \cos B$
- **D** $1-\cot A \tan B$

Answer: A

SSC CGL Previous Papers (DOWNLOAD PDF)

School name	Total number of students enrolled	Percentage of enrolled students, opted Biology	Ratio of male to female students who opted Biology
A	900	30	7:8
В	400	36	9:10
C	1000	24	5:19
D	800	18	5:07

Find the number of students who opted Biology in School D.

- **A** 20
- **B** 160
- **C** 120
- **D** 800

Answer: B

- 136. What is the total surface area of a solid right circular cylinder of radius 7 cm and height 8 cm? ($\pi=rac{22}{7}$)
- **A** 560 cm^2
- **B** $660 \ cm^2$
- **C** 850 cm^2
- **D** $760 \ cm^2$

Answer: B

137. Simplify the following expression.

$$72-42 \div 60f7 \times 40f3 \div 4 \times 3-5$$

- **A** 32
- **B** 16
- **C** 58
- **D** 45

Answer: C



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- 138. A and B can complete a work in 10 days and 15 days, respectively. They got a total of Rs. 1,250 for that work. What will be B's share?
- **A** Rs. 400
- **B** Rs. 500
- **C** Rs. 600

Rs. 200 Answer: B 139. The LCM of x and y is 441 and their HCF is 7. If x = 49 then find y. 56 В 36 65 63 Answer: 140. The mean proportional between 0.04 and 0.36 is: 0.144 1.2 12 0.12 Answer: D **General Science Notes (Download PDF)** 141. The sides of a triangle are 8cm, 12cm and 16cm. What is the area of the triangle? $24\sqrt{15}$ $6\sqrt{15}$ $8\sqrt{15}$ $1\sqrt{15}$ Answer: D 142. A boat can go 40 km downstream and 25 km upstream in 7 hours 30 minutes. It can go 48 km downstream and 36 km upstream in 10 hours. What is the speed (in km/h) of the boat in still water? Α 6 12 15 Answer: C 143. Find the largest number which completely divides 24, 56 and 96.

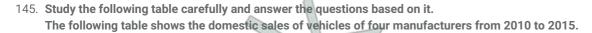
- В
- C
- **D**

Answer: C

SSC Stenographer Previous Papers (DOWNLOAD PDF)

- 144. The total surface area of a solid metallic hemisphere is 462 cm^2 . This is melted and moulded into a right circular cone. If the radius of the base of the cone is the same as that of the hemisphere, then its height is: (use $\pi = \frac{22}{7}$)
- **A** 14 cm
- **B** 7 cm
- **C** 21 cm
- **D** 28 cm

Answer: A



Manufacturer	2010	2011	2012	2013	2014	2015
A	560000	700000	600000	620000	650000	680000
В	540000	590000	570000	630000	710000	650000
C	610000	580000	620000	680000	690000	630000
D	630000	570000	700000	690000	700000	640000

With respect to which of the following combinations, is the sales of vehicles highest over the given period?

- **A** A, 2011
- **B** B, 2014
- **C** D, 2012
- **D** D, 2014

Answer: B

- 146. In a two-candidate election, 10% of the voters did not cast their ballots. 10% of the votes cast were found invalid. The winning candidate received 54% of the valid votes and a 1620-vote majority. Find the number of people on the voter list who have registered to vote.
- **A** 25000
- **B** 26000
- **C** 24500
- **D** 25500

Answer: A



SSC Stenographer Previous Papers (Latest Pattern)

- 147. In a shop, a discount of 8% is provided. If the total payable after discount is more than ₹5,000 and additional discount of 20% is provided, then determine the final amount to be paid by customer, if he buys 12 products each of price ₹750.
- **A** ₹6,724
- **B** ₹6,624
- C ₹6,424
- **D** ₹6,524

Answer: B

- 148. What will be the actual profit percentage (rounded off to nearest integer) after selling an article at a certain price, while there occurs a loss of 45% on selling the article at $\frac{3}{8}$ of the selling price?
- A 17 Percent
- **B** 37 Percent
- C 47 Percent
- **D** 27 Percent

Answer: C

- 149. Which of the following is the value of $\sqrt{1-\sin 450 + 1+\sin 450}$?
- **A** $\cos 45^{\circ} \tan 45^{\circ}$
- **B** $\tan 45^{\circ} \sec 45^{\circ}$
- C $\tan 45^{\circ}$
- **D** $\sec 45^{\circ} \tan 45^{\circ}$

Answer: D

SSC CGL Tier-2 Previous Papers PDF

150. If $\left\{(b-x) imes(x^3-2x^2)+(4^3+2^5) imes x
ight\}+25=1$, then the possible values of xis/are:

- **A** -5
- **B** 5
- **C** 0
- **D** Both 5 and -5

Answer: D

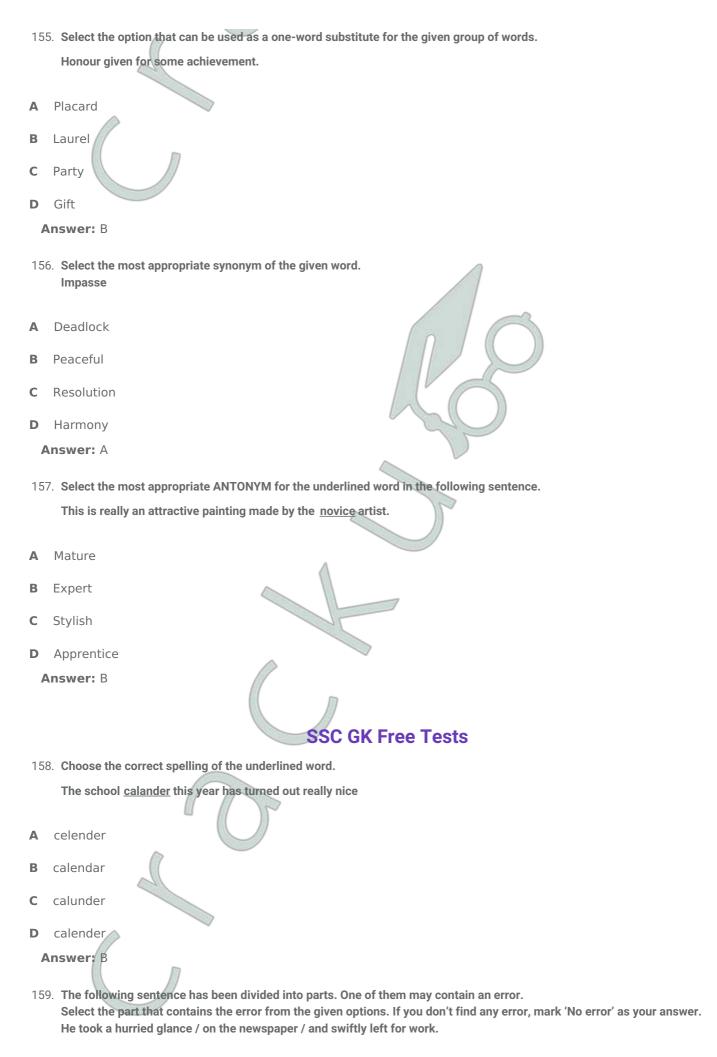
- **English Comprehension** 151. Select the option that can be used as a one-word substitute for the given group of words. The scientific study of the behaviour, structure, physiology, classification and distribution of animals Zoology Archaeology Petrology Ecology Answer: A **SSC Study Material** 152. Select the most appropriate synonym of the given word. Peril Doubt Danger Benefit Safety Answer: B 153. Select the INCORRECTLY spelt word. Perspicuious Purvey Peruse Pervade Answer: A
- 154. Select the most appropriate synonym of the given word. Erudite
- **A** Scholarly
- **B** Excited
- **C** Impressive
- **D** Lazy

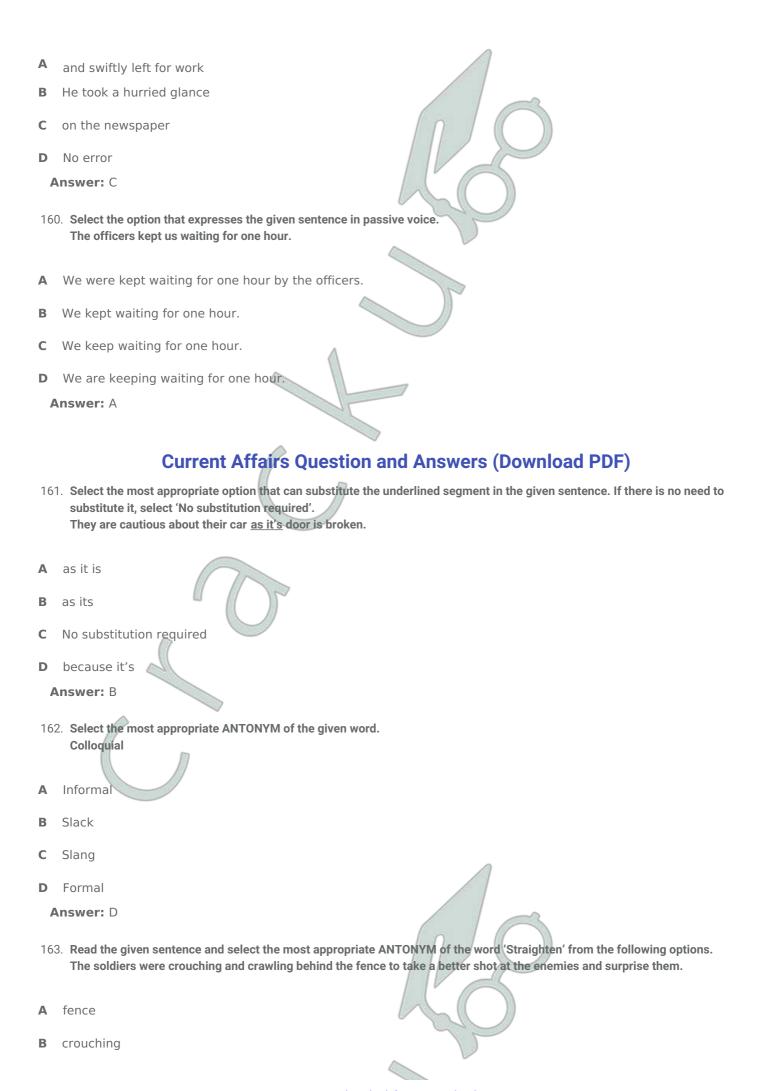
Answer: A





SSC Daily Practice Set





- **c** surprise
- **D** enemies
 - Answer: B

Daily and Monthly Current Affairs (Download PDF)

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

 Awkward
- **A** Adroit
- **B** Tender
- **C** Cordial
- **D** Catchy

Answer: A

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

Killing of a person by another

- **A** Homicide
- **B** Democide
- C Genocide
- **D** Euthanasia

Answer: A

- 166. Select the INCORRECTLY spelt word.
- **A** Wriggle
- **B** Wreathe
- C Weggle
- **D** Wreak

Answer: C



SSC Free Preparation App

- 167. Select the most appropriate meaning of the underlined idiom.

 He <u>burnt his fingers</u> by getting into others' problems.
- A To get rid off
- **B** To get rewarded
- **C** To get into trouble
- **D** To burn ones fingers



Answer: C 168. Select the option that can be used as a one-word substitute for the underlined group of words. The ducks were not afraid of the fast moving water. Torrent Current Flood Overflow Answer: A 169. Select the most appropriate idiom from the following options that can substitute the underlined part of the given sentence. It is his first interview, so he has a nervous feeling. Butterflies in his stomach A slap on the wrist Tug at his heartstrings Icing on the cake Answer: A SSC CHSL Prevoius Papers (DOWNLOAD PDF) 170. Select the most appropriate ANTONYM of the given word. Wily Horrid Honest Raunchy Triumphant Answer: B 171. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. My granny says that / it is quite all right / to get married young, / though I do not absolute agree with her a bit on this. My granny says that though I do not absolute agree with her a bit on this

Salt of the earth

172. Select the most appropriate meaning of the given idiom.

it is quite all right

Answer: B

to get married young

Do anything possible A very good and honest person В Discovered after a lot of searching Choose one at random Answer: B SSC CHSL Free Mock Test (Latest Pattern) 173. Select the most appropriate option to substitute the underlined segment in the given sentence. They are looking to a place to rest have looking at should be looking are looking for looking into Answer: C 174. Select the INCORRECTLY spelt word. Membrane Solvant Highlight Exuberant Answer: B 175. Select the INCORRECTLY spelt word. Nefarious Sermonise Acquittal Chhivalrous Answer: D Free SSC Study Material (18,000 Solved Questions) 176. Select the most appropriate synonym of the given word. **Prohibit** Aid Allow

Ban Assist Answer: C 177. Select the most appropriate option that can substitute the underlined segment in the given sentence. The speaker is about to beginner his speech.



- was about to began
- was about to beginner
- is about to begin
- is about to beginning

Answer: C

178. Select the most appropriate phrase for the underlined segment in the given sentence.

My mother said, "You must pay attention to your studies."

- Concentrate on
- Back up
- Act up to
- Ask for

Answer: A

SSC CPO Free Mock Test (Latest Pattern)

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

Rajeshwar has a vision for capturing beautiful pictures of nature.

- An eagle eye
- A high horse
- Cry wolf
- A cat nap

Answer: A

180. Select the most appropriate meaning of the underlined idiom.

The mother-in-law deliberately rained on the new bride's parade when she asked her to change the dress of her choice.

- Force traditions upon someone
- Make someone tearful out of viciousness
- To spoil a moment
- Save one from embarrassment

Answer: C

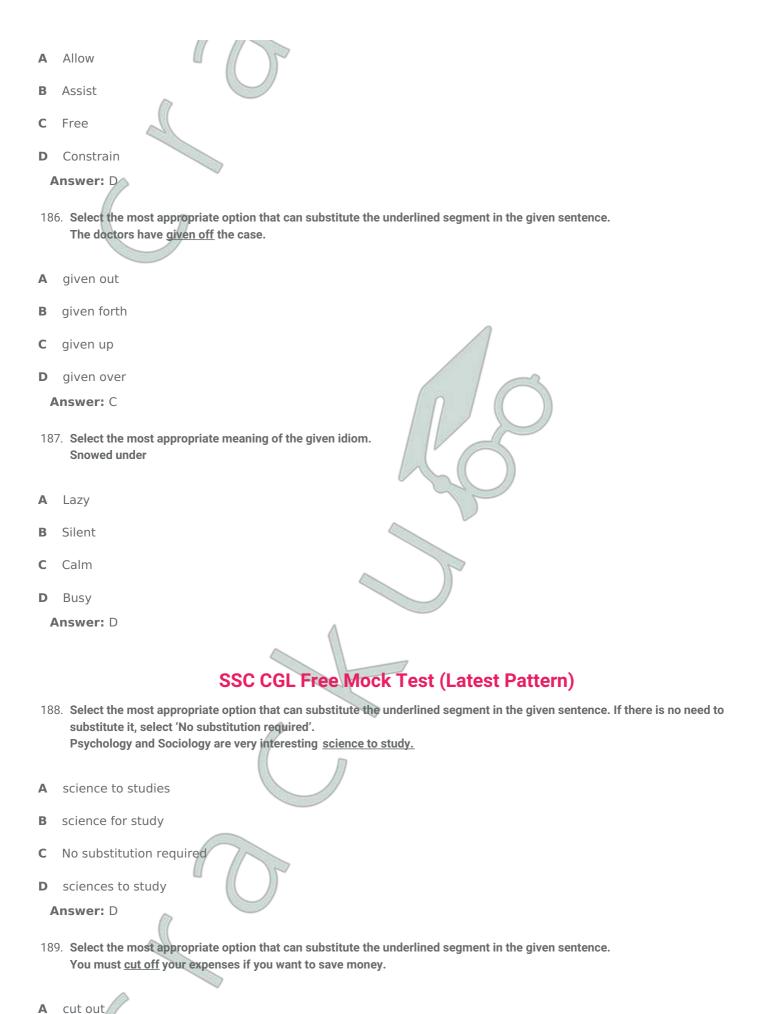
181. Select the most appropriate meaning of the given idiom. At the drop of a dime A way of saying that you are happy to see someone Something that is not popular Something that can happen very fast without hesitation Extremely easy to understand Answer: C SSC CPO Previous Papers 182. Select the most appropriate ANTONYM of the given word. **Opulent** Insolvent Flourishing Depressed Destitute Answer: D 183. Select the most appropriate meaning of the given idiom. All ears To scold someone bitterly To listening attentively To listen to everyone To not be vocal Answer: B 184. Select the most appropriate meaning of the given idiom. To pull someone's leg To talk something bad about someone To talk something good about someone To joke with someone

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185. Select the most appropriate synonym of the given word.
Restrain

To push a person

Answer: C



cut down on

- c cut for
- **D** cut up

Answer: B

190. Select the most appropriate synonym to replace the italicised word.

A shadow of guilt darkened his eyes

- A remorselessness
- **B** innocence
- **C** remorse
- **D** impenitence

Answer: C

SSC CGL Previous Papers (DOWNLOAD PDF)

Instructions [191 - 195]

Read the passage carefully and answer the question that follows.

Humans are social animals by nature. To prosper in life, we require the company of others, and the strength of our bonds has a significant influence on our mental health and happiness. Being socially linked to people may help you cope with stress, worry and depression, increase your self-esteem, bring comfort and joy, prevent loneliness, and even add years to your life. On the other hand, a lack of strong social relationships might put your mental and emotional health at in danger. Many of us use social media sites like Facebook, Twitter, Snapchat, YouTube and Instagram to locate and communicate with one another in today's society. While each has its own set of advantages, it's vital to realise that social media will never be a substitute for genuine human interaction. In order to trigger the hormones that relieve stress and make you feel happier, healthier, and more optimistic, you must interact with individuals in person. Spending too much time on social media, ironically for a tool supposed to bring people closer together, can instead make you feel more lonely and isolated, and aggravate mental health issues like anxiety and depression. If you're spending too much time on social media and are experiencing emotions of unhappiness, discontent, irritation or loneliness, it's time to re-evaluate your online habits and establish a healthier balance.

Because social media is such a new technology, little study has been done to determine the long-term effects, good or ill, of its use. Multiple studies, however, have linked extensive social media use to an increased risk of melancholy, anxiety, loneliness, self-harm and even suicide ideation. The purpose of social media sites is to capture your interest, keep you online, and keep you checking your screen for updates. It's how businesses generate money. However, much like a gambling addiction or a nicotine, alcohol, or drug addiction, social media use may lead to psychological cravings. When you get a like, a share, or a positive reaction to a post, your brain releases dopamine, the same 'reward' chemical that you get after winning at a slot machine, eating chocolate, or smoking a cigarette, for example. The more you're rewarded, the more time you want to spend on social media, even if it has negative consequences in other areas of your life.

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

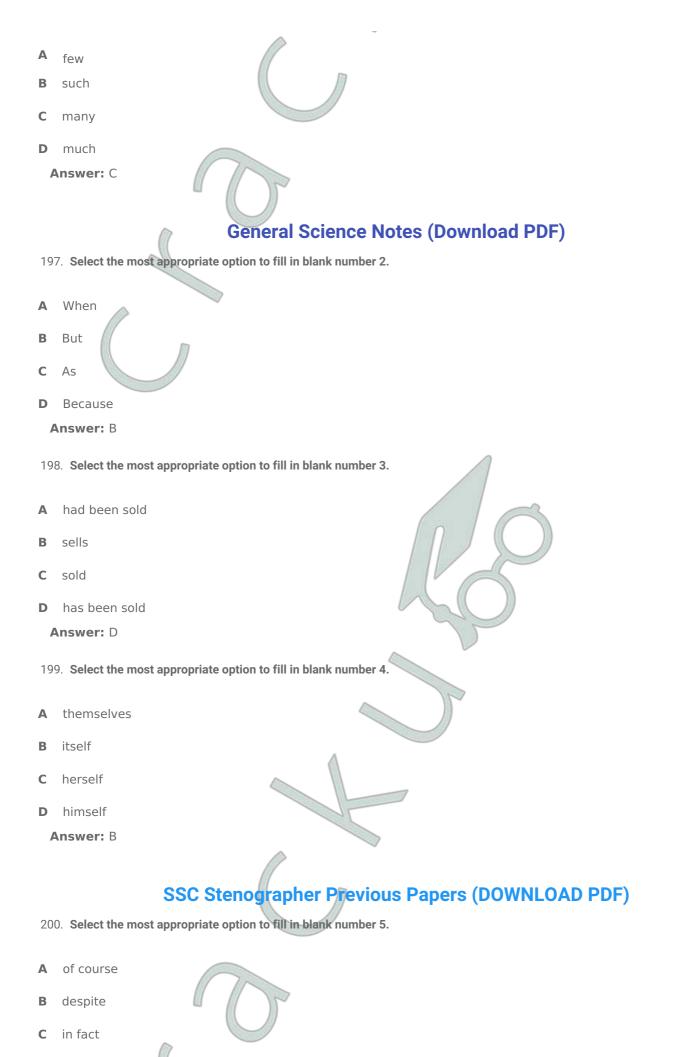
 Discontent
- **A** Serenity
- **B** Satisfaction
- **C** Approval
- **D** Relaxation

Answer: B

- 192. Select the most appropriate title for the given passage
- A Advantages of Social Media



Consequences of Social Media Social Media and Mental Health Mental Health During Troubled Times Answer: C 193. What is the purpose of social media sites? To provide a platform to replace physical interaction To provide a platform to decrease loneliness To keep people online by capturing their interests To offer a platform for people with anxiety and depression Answer: C **Daily Free SSC Practice Set** 194. Which hormone is released in our minds when we receive a positive reaction to our posts on social media? Adrenaline Dopamine Calcitonin Melatonin Answer: B 195. Which of the following statements is NOT true? Social media can offer a substitute for real-life social interaction. Lack of social interaction may cause anxiety and depression. Social bonds have a strong influence on our mental health. Humans need to reassess their social media usage. Answer: A 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. Last week, I made the mistake of revisiting the village where I grew up. It used to be a small, friendly community with two farms and a number of old cottages round the village green. I realised very quickly that although in (1)_____ ways it appears unchanged, in reality hardly anything is the same. All the pretty cottages are there, of course, and both the traditional farm houses. (2)_____, none of the inhabitants are country people. All of them are commuters, who leave early every morning for the nearby town. Neither of the farmhouses are attached to a farm these days; the land (3)_____ and is managed by somebody in an office somewhere who has little interest in the village (4)_____. There are a few new houses but, they have no local character. You can see the same style anywhere in the country. The whole village, (5)_____, has been tidied up so much that it looks no more picturesque than any suburban street. 196. Select the most appropriate option to fill in blank number 1.



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