



## SSC CGL 2012 Tier 1

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature without the permission of cracku.in, application for which shall be made to [support@cracku.in](mailto:support@cracku.in)

## Reasoning

### Instructions

Directions : In each of the following questions, select the related letters / words / numbers from the given alternatives.

### Question 1

9 : 80 :: 100 : ?

- A 901
- B 1009
- C 9889
- D 9999

Answer: D

### Explanation:

$$80 = 9^2 - 1$$

So, the number beside 100 will be  $100^2 - 1 = 9999$

## SSC CGL Free Mock Test

### Question 2

25: 125 :: 36 : ?

- A 180
- B 206
- C 216
- D 318

Answer: C

### Explanation:

$$125 = 25^3$$

So, the number beside 36 will be  $36^3 = 216$

### Question 3

335: 216 :: 987:?

- A 868
- B 867
- C 872
- D 888

Answer: A

### Explanation:

$$335 - 216 = 119$$

So, the number beside 987 equals  $987 - 119 = 868$

### Question 4

BEGK: ADFJ :: PSVY:?

- A ROUX
- B ORUX
- C LQUT
- D LOQT

**Answer: B**

**Explanation:**

The second word is formed by using the alphabets which are one ahead the alphabets in the first word. Hence, as the first word is PSVY, the second word is ORUX

**125 SSC CGL Mocks for just Rs. 199**

**Question 5**

**AZBY: CXDW :: EVFU : ?**

- A GTHS
- B GHTS
- C GS.TH
- D TGSH

**Answer: A**

**Explanation:**

In given sets of alphabets, first set AZBY has a pattern like, first and second alphabet have equal numbers from starting and ending in alphabetical order, similarly 3rd and 4th.

This pattern is followed by both sets of alphabets CXDW and EVFU.

And now the only option which is following this pattern is A)

**Question 6**

**BDFH: SUWY :: CEGI : ?**

- A QTWZ
- B PTVX
- C JLNP
- D TVXZ

**Answer: D**

**Explanation:**

Given sets of four alphabets are 1 next to each other like in BDFH, B(C)D(E)F(G)H. Similarly in SUWY and CEGI.

Hence according to this pattern only C and D options justifies.

And in the first proportionate B's no in alphabets is 2 and its proportionate has a number of 19

Similarly for other proportionate C's no. in alphabet is 3, hence its proportionate will have a number of 20 i.e. T

So answer will be D

**Question 7**

**food: man:: fuel:?**

- A wood

- B fire
- C heat
- D smoke

**Answer: C**

**Explanation:**

Food converts into energy for man hence fuel will be converting in an energy form of heat.

Answer will be C)

## SSC CGL Previous Papers (DOWNLOAD PDF)

**Question 8**

**Spiritual: Belief:: Orchestral:?**

- A Theatre
- B Situation
- C Music
- D Direction

**Answer: C**

**Explanation:**

Belief word is related with being spiritual and among four options Music is the one which is related to orchestral.

Hence answer will be C.

**Question 9**

**Latter :Former :: Hazardous: ?**

- A Risky
- B Comfortable
- C Safe
- D Harmful

**Answer: C**

**Explanation:**

Latter and former are antonyms to each other hence answer will be antonym of Hazardous i.e. safe

**Instructions**

Directions : In each of the following questions, find the odd word/number / letters / number pair from the given alternatives.

**Question 10**

- A VWY
- B QRT
- C LMO
- D JKL

**Answer: D**

**Explanation:**

In first three options, pattern is, first two letters are coming next to each other and third letter is two ahead from the second one. This pattern is not followed by option D. Hence answer will be D

## 25 SSC CHSL Mocks for just Rs. 149

### Question 11

- A B E
- B G J
- C N P
- D Q R

**Answer:** A

#### **Explanation:**

As in option D) 2nd letter is just next to its previous one  
In option C) 2nd letter is 1 ahead to its previous one  
And in option B) 2nd letter is 2 ahead to its previous one  
But this pattern is not followed by option A as 2nd letter should be 3 ahead to B i.e. F.

### Question 12

- A 400
- B 484
- C 625
- D 729

**Answer:** D

#### **Explanation:**

Option A =  $20^2$   
Option B =  $22^2$   
Option C =  $25^2$   
Option D should be  $29^2$  not  $27^2$

### Question 13

- A 1000
- B 1725
- C 2744
- D 4096

**Answer:** B

#### **Explanation:**

A)  $10^3$   
B)  $12^3 = 1728$  not 1725  
C)  $14^3$   
D)  $16^3$

SSC CGL Tier-2 Previous Papers PDF

### Question 14

- A 12-16
- B 60-80
- C 30-50
- D 36-56

**Answer: A**

**Explanation:**

Option B, C and D have a difference of 20 among them but option A don't have. Hence answer will be A

**Question 15**

- A C X
- B D W
- C J Q
- D L R

**Answer: D**

**Explanation:**

In options A,B and C , Both alphabets are at the equal difference from starting and ending respectively but not in D hence answer will be D

**Question 16**

- A Cyclotron
- B Basic
- C Pascal
- D Fortran

**Answer: A**

**SSC CGL Important Questions PDF**

**Question 17**

- A Rooster
- B Buck
- C Gander
- D Peahen

**Answer: B**

**Explanation:**

Options A , B and D are names of animals whether option C means a look or glance. Hence our answer will be C.

**Question 18**

- A Booklet
- B Pamphlet
- C Voucher
- D Brochure

**Answer: C**

**Explanation:**

Among all options, in options A,B and D they contain information about a single subject whether in option C , it is a piece of paper describing discount on goods or services.

**Instructions**

For the following questions answer them individually

**Question 19**

**Which word will appear third in the dictionary?**

- A BALLIUM
- B BALLISTICS
- C BALLERINA
- D BALLISTITE

**Answer: D**

**Explanation:**

Among four options after BALL, in option C) , E is there and in others there is I hence first will be C) then for second and third after BALLI, S will come first then U hence second will be either B) or D). now in B) after BALLISTI, C comes before T , hence option B will be second and option D will be third.

**1500 + Free Must Solved SSC Questions (With Solutions)**

**Question 20**

**Which word will appear last in the dictionary?**

- A laugh
- B latch
- C laurels
- D latitude

**Answer: C**

**Explanation:**

Among 4 options after LA, U will come at last in dictionary hence answer will be either A) or C) Now in options C) 4th letter is 'r' and in option A) 4th letter is 'g' which comes before 'r'. so answer will be C)

**Question 21**

**Arrange the given words in a meaningful order:**

1. INFANT 2. ADOLESCENT 3. CHILD 4. OLD 5. ADULT

- A 3, 1, 2, 4, 5
- B 1, 3, 2, 5, 4
- C 3, 2, 4, 5, 1
- D 5, 4, 3, 2, 1

**Answer: B**

**Explanation:**

It is clear from the given options that B is most suitable as it shows growing of a child accordingly as  
 1. Infant 3.child 2.Adolescent 5.Adult 4.Old

**Instructions**

Directions : In each of the following questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

**Question 22**

c \_ ab \_ ca \_ bc \_ a

- A bcab
- B abcb
- C bacb
- D cbac

**Answer: C**

**Explanation:**

Expression : c \_ ab \_ ca \_ bc \_ a

In a group of 3 letters, the combination of 'a,b,c' is used

=> cba bac acb cba

=> Ans - (C)

## General Science Notes for SSC CGL

**Question 23**

\_ ba \_ bab \_ babb \_ b

- A baaa
- B abbb
- C babb
- D abab

**Answer: B**

**Explanation:**

Expression : \_ ba \_ bab \_ babb \_ b

The pattern followed is, one 'a' and then increasing number of b's are written.

=> ab abb abbb abbbb

=> Ans - (B)



### Instructions

Directions : In each of the following questions, select the missing number from the given responses.

#### Question 24

500, 484, 459, \_\_?\_\_, 374

- A 384
- B 432
- C 418
- D 423

Answer: D

#### Explanation:

It is clear from the given series, there are subtractions of squares of numbers from 4.

$$\text{As } 500 - (4^2) = 484$$

$$484 - (5^2) = 459$$

$$459 - (6^2) = 423$$

$$423 - (7^2) = 374$$

#### Question 25

MNOPWXYZRSTUBCD\_\_?\_\_

- A A
- B E
- C 1
- D F

Answer: B

#### Explanation:

We can see in given question that there is a pattern of repeating continuous four alphabets like MNOP-WXYZ-RSTU-BCDE hence missing alphabet will be E

## Free SSC Study Material (18,000 Solved Questions)

#### Question 26

60, 69, 85, \_\_?\_\_, 146

- A 110
- B 117
- C 109
- D 120

Answer: A

#### Explanation:

As we can see from the series

$$60+9=69$$

$$69+(9+7) = 85$$

$$85+ (9+7+9) = 110$$

$$110 + (9 + 7 + 9 + 11) = 146$$

as we can see here according to pattern missing digit will be 110.

#### Question 27

46, 50, 47, 55, 49, 61, \_\_?\_\_

- A 54
- B 52
- C 57
- D 51

Answer: B

#### Explanation:

In the given series we are having a subtraction from previous number at odd places with a multiple of (-3) at 3rd place with -3  
at 5th place with -6  
and now at 7th place with -9, hence last number will be  $61 - 9 = 52$

#### Instructions

For the following questions answer them individually

#### Question 28

The average age of 25 subordinates in an office is 30 years. If the age of Manager is added, the average age increases to 31 years. What is the age of the Manager?

- A 26
- B 36
- C 46
- D 56

Answer: D

#### Explanation:

$$\text{Average age} = \frac{\text{Total age}}{\text{Total employee}}$$

$$\text{or } 30 = \frac{\text{Total age}}{25}$$

$$\text{hence Total age} = 25 \times 30 = 750$$

now adding one manager, total employee will be 26 and New Total Age will be Previous total age + Manager's age

$$\text{Hence New average age} = \frac{\text{New total age}}{\text{Total employee} + \text{Manger}}$$

$$\text{or } 31 = \frac{\text{Manager age} + 750}{26}$$

After solving we will get manager's age as 56.

## SSC Exam Free Videos (Youtube)

#### Question 29

Class A has students twice that of class B. After adding 20 students to class A and 30 students to class B, the total number of students in both the classes is 140. What is the number of students in class A in the beginning?

- A 30
- B 60

- C 80  
D 140
- Answer: B**

**Explanation:**

Given students of class A =  $2 \times \text{student of class B}$   
and Student of class A + 20 + student of class B = 140  
or Student of class A + student of class B = 90  
or  $2 \times \text{student of class B} + \text{student of class B} = 90$   
now after solving we will get student of class B = 30  
and student of class A = 60

**Question 30**

Find the lowest number which is divided by 8, 12, 15 and 20 leaves the remainder 2.

- A 360  
B 242  
C 122  
D 82

**Answer: C**

**Explanation:**

Lowest number which is divided by 8, 12, 15, 20 and leaves remainder 2 will be = L.C.M. of 8, 12, 15, 20 + remainder 2  
i.e.  $120 + 2 = 122$

**Question 31**

If B becomes A and P becomes O, what will K become in the English alphabet?

- A L  
B J  
C H  
D N

**Answer: B**

**Explanation:**

According to given question alphabet B has been changed to its previous one A, and P is also changed to its previous one O  
hence K will become its previous one J

**SSC Free Preparation App**

**Question 32**

The given word is followed by 4 responses, one of which cannot be formed by using the letters of the word given 'CAMBRIDGE'. Find out the word.

- A BRIDGE  
B BRIDE  
C CAME

D CAMP

Answer: D

**Explanation:**

As in word CAMP, p couldn't be available from the letters of the word CAMBRIDGE.

**Question 33**

If SEASONAL is written as ESSANOLA, how can SEPA RATE be written in that code?

A SEAP ARET

B ESPARATE

C ESPAARTE

D ESAPARET

Answer: D

**Explanation:**

For SEAS-ONAL, pair of four alphabets have been changed like 1st letter and 4th letter come at the 2nd and 3rd position and 2nd(E) and 3rd word (A) will move to 1st and 4th respectively. (ESSA-ONAL)

Now changing last four letters, it will be ESSA-NOLA

So changing word SEPA-RATE accordingly, it will be ESAP-ARET

**Question 34**

In certain code, RAGHAVAN is written as GARVAHNA. In that code which word will be written as MATHAVAN?

A TAMVAHNA

B TAMVAHAN

C TAMHAVNA

D MATVAHNA

Answer: A

**Explanation:**

In this code, 2 triplets RAG and HAV and 1 doublet has reversed. So from word RAG-HAV-AN, we get GAR-VAH-NA hence from word MAT-HAV-AN, after reversing first 2 triplets and a doublet we will get TAM-VAH-NA.

## Daily Free SSC Practice Set

**Question 35**

If 'FRIEND' is coded as 'IULHQG', how will you code 'ENEMY'?

A HQHPB

B HQHPA

C HQEMY

D HQHPG

Answer: A

**Explanation:**

Every letter in "IULHQG" is 3rd letter ahead from every alphabet in "FRIEND"

hence "ENEMY" will be coded as "HQHPB"

**Question 36**

In a coded language, if the word EQUATION is coded as GSWCVKQP, then how is the word DONKEY coded?

- A FQPMGA
- B YEKNOD
- C GWCVKJ
- D PQKUCW

**Answer: A**

**Explanation:**

In this coded language for word "EQUATION", a word "GSWCVKQP" is formed by having 2 letter ahead for every alphabet in "EQUATION". hence DONKEY will be coded as FQPMGA

**Question 37**

If  $38 + 15 = 66$  and  $29 + 36 = 99$ , then  $82 + 44 = ?$

- A 77
- B 88
- C 80
- D 94

**Answer: C**

**Explanation:**

$$66 = (3 + 8) \times (1 + 5)$$

$$99 = (2 + 9) \times (3 + 6)$$

$$\text{So } 82 + 44 = (8 + 2) \times (4 + 4) = 80$$

**SSC CGL Free Online Coaching**

**Question 38**

If + means  $\div$ , - means  $\times$ ,  $\times$  means +,  $\div$  means -, give the value for  $45 + 9 - 3 \times 15 \div 2$

- A 40
- B 36
- C 56
- D 28

**Answer: D**

**Explanation:**

After putting changed signs sum will be  $45 \div 9 \times 3 + 15 - 2 = 28$

**Instructions**

Directions : In each of the following questions, select the missing number from the given responses.

**Question 39**

7 8 6  
4 9 5  
3 2 ?  
25 70 29

- A 9
- B 8
- C 1
- D 5

**Answer: C**

**Explanation:**

$$25 = 7 \times 4 - 3$$

$$70 = 9 \times 8 - 2$$

hence for uncertain number  $29 = 6 \times 5 - 1$

so answer is 1

**Question 40**

3 4 5  
6 7 8  
9 1 2  
57 11 ?

- A 42
- B 21
- C 11
- D 18

**Answer: B**

**Explanation:**

$$57 = 9 \times 6 + 3$$

$$11 = 7 \times 1 + 4$$

hence uncertain number will be  $2 \times 8 + 5 = 21$

**SSC CHSL Previous Question papers (download pdf)**

**Instructions**

For the following questions answer them individually

**Question 41**

From the given details, estimate the number of people affected by Tuberculosis in particular locality in the year 1994. 1994 1995 1996 1997 1998 ? 92 113 141 176

- A 99
- B 85
- C 71
- D 78

**Answer: D**

**Explanation:**

Given statistics are increasing with a increasing rate of 7 and second difference of 21 hence first difference will 14 between first two statistics.  
so first number will be  $92-14= 78$

**Question 42**

A man started from a place walked towards North for 5 km then turned  $90^\circ$  to his right and walked another 5 km. Then he turned  $45^\circ$  to his right and walked 2 km and turned  $45^\circ$  to his left. What is his direction now?

- A South
- B South East
- C East
- D South West

**Answer:** C

**Explanation:**

After taking first right , he will be travelling in east and then after taking a turn of 45 degree to his right , he will be travelling in south east direction. Finally turning to 45 degree to his left, he will be travelling in east direction again.

**Question 43**

A boy running towards South, turns to his right and runs, Then he turns to his right and finally turns to his left. Towards which direction is he running now?

- A East
- B West
- C South
- D North

**Answer:** B

**Explanation:**

After running in south , when turn to right it will be running in west , then taking right , he will be running in north and lastly taking a left he will be running in west

## Free SSC Study Material (18,000 Solved Questions)

**Instructions**

Directions : In the following questions, one statement is given, followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

**Question 44**

**Statement:**

To keep myself updated, I always listen to 9 O'clock news on radio.

**Conclusions:**

- I. The person does not read newspaper.
- II. Recent news is available only on radio.

- A Only conclusion I is implicit
- B Only conclusion II is implicit
- C Neither conclusion I nor II is implicit

D Both conclusions I and II are implicit

Answer: C

Explanation:

Neither of conclusions are implicitly related with given statement.

Question 45

Statement:

All wealthy people are happy in life.

Conclusions:

I. Wealth and happiness are directly related.

II. Wealth leads to happiness in life.

A Only conclusion I follows

B Only conclusion II follows

C Both conclusions I and II follow

D Neither conclusion I nor II follows

Answer: C

Explanation:

Both conclusions are following the given statements as

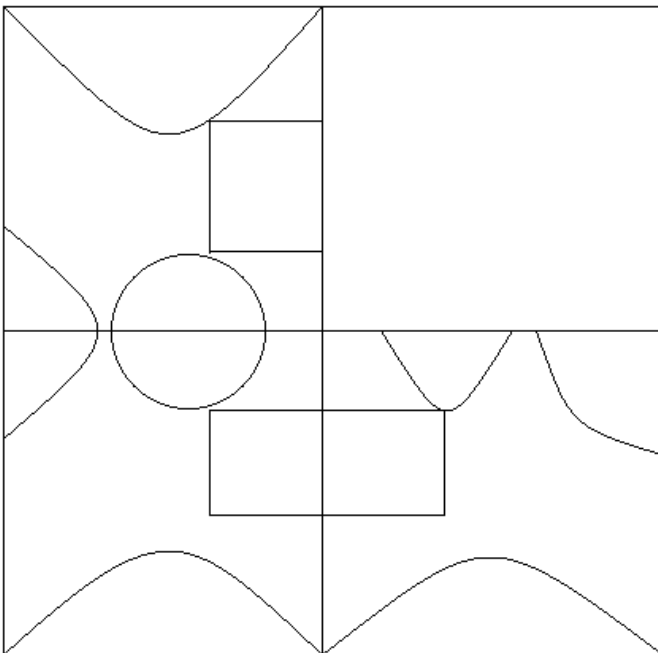
Wealth and happiness is directly connected that's why wealthy people are happy

And already stated that wealthy people are happy so second statement also follows the statement.

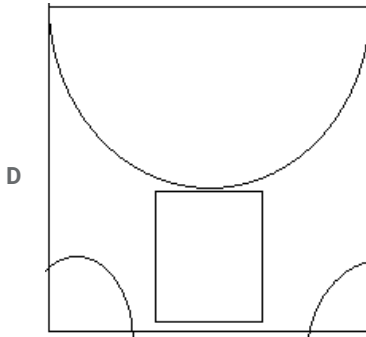
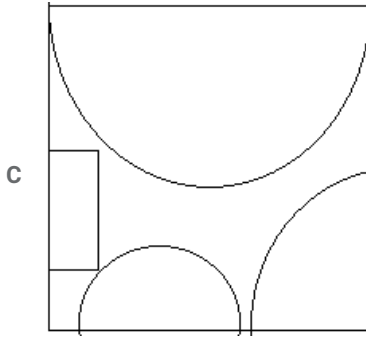
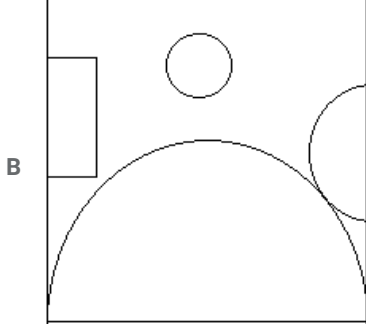
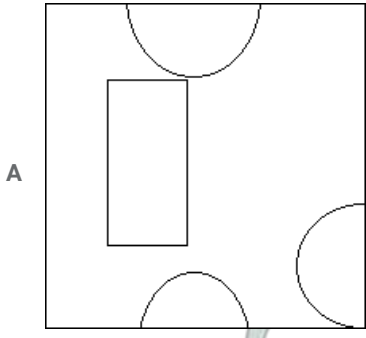
Instructions

Directions: In the following questions, which answer figure will complete the question figure?

Question 46







Answer: C

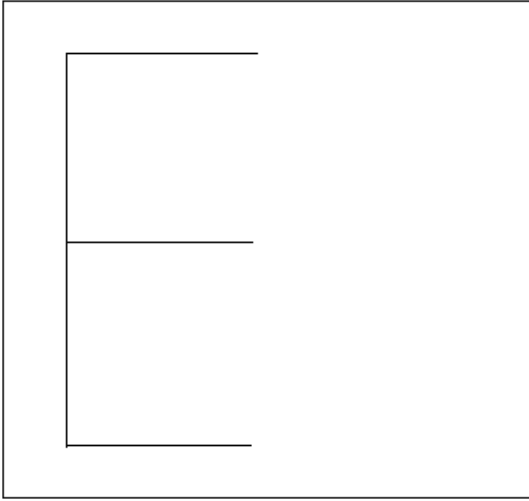
**Explanation:**

Among all options only option C is fitting with the given figure as missing rectangle in between is being fit by it and incomplete circle from downward is also being fit by it.  
Hence answer will be C

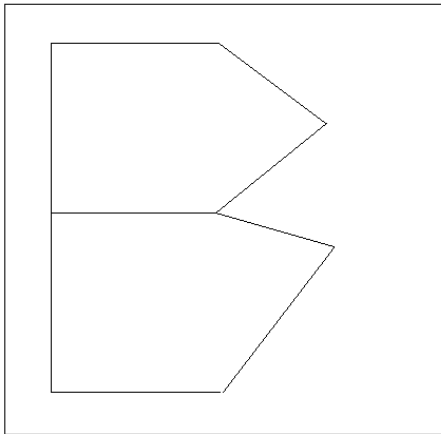
**Latest Job Updates on Telegram - Join here**

Question 47

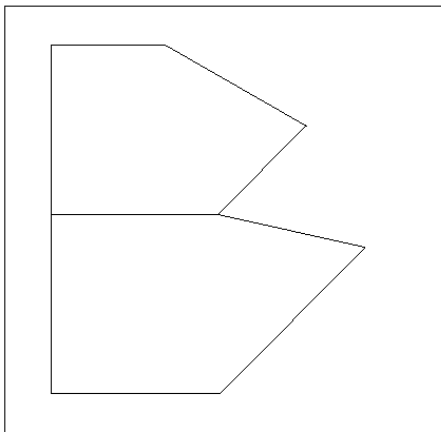
From the given answer figures, select the one in which the question figure is hidden! embedded.



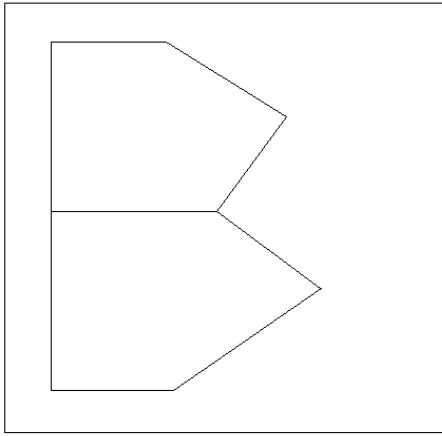
A



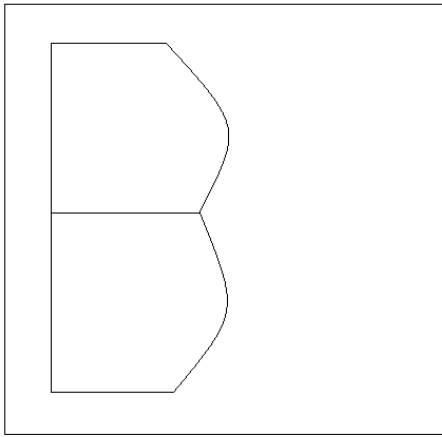
B



C



D



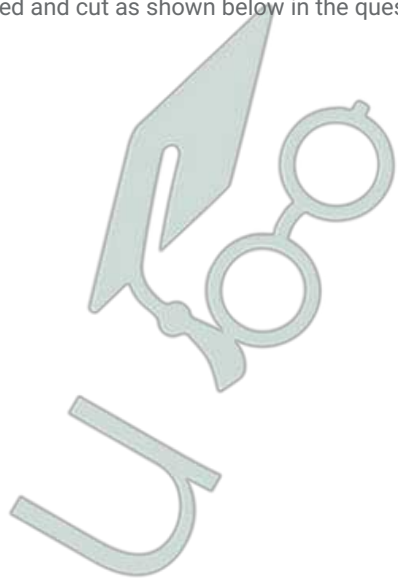
Answer: A

**Explanation:**

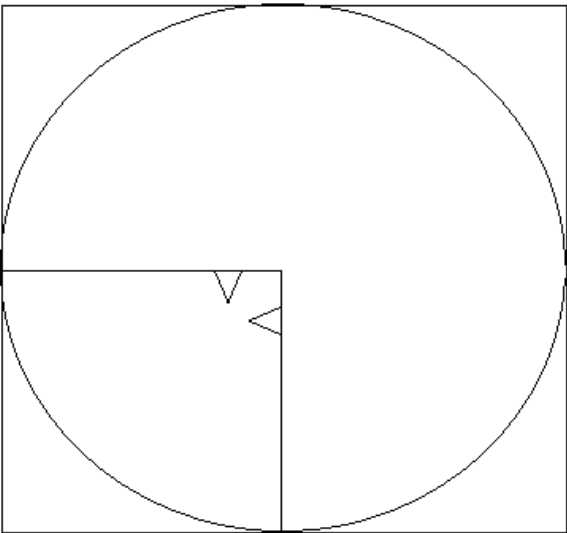
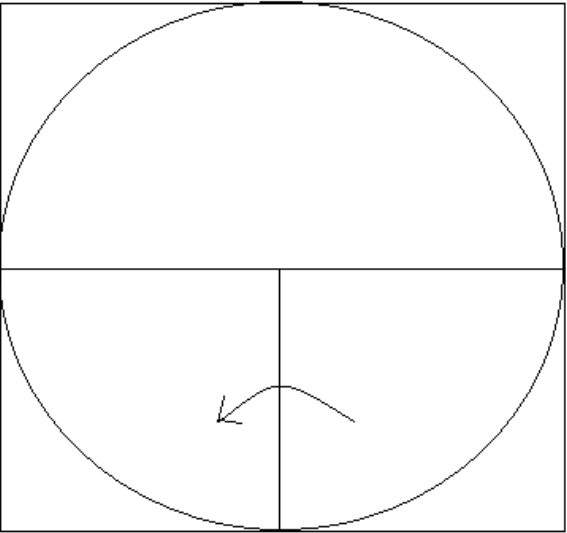
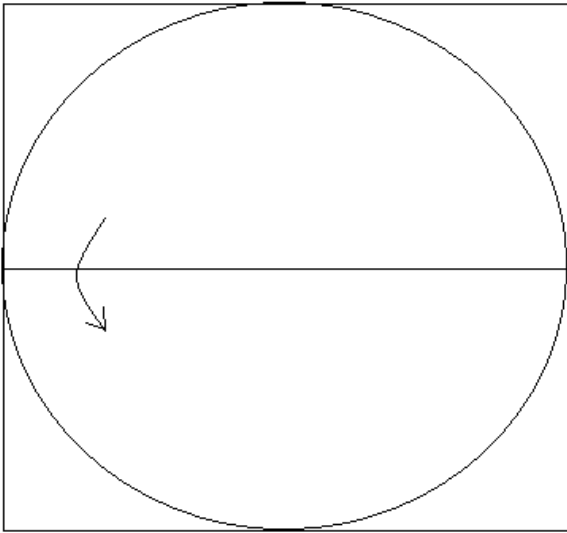
Among all four options only option A has E's three lengths equal which is given in our figure also. as in option B figure last length is longest; In option C middle length is longest and in D also middle length is longest, so answer will be A

**Instructions**

Directions: In the following question, a piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

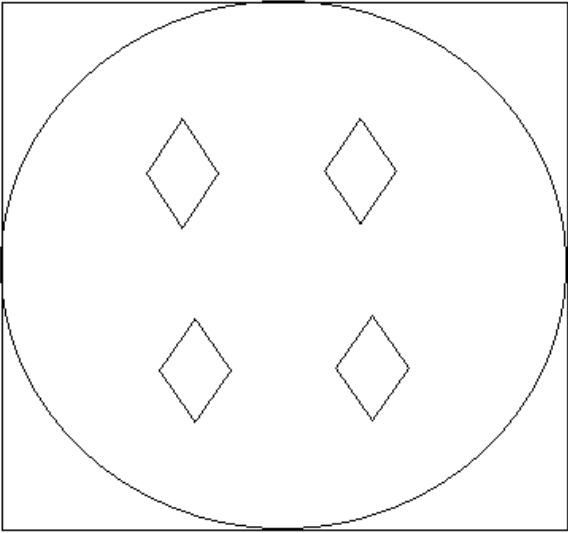


Question 48

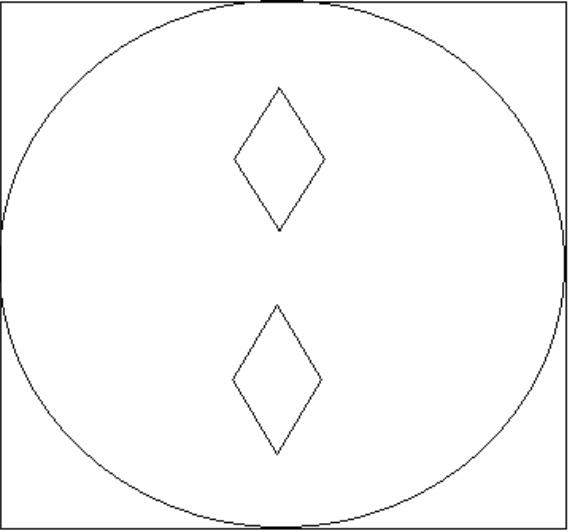


cracku

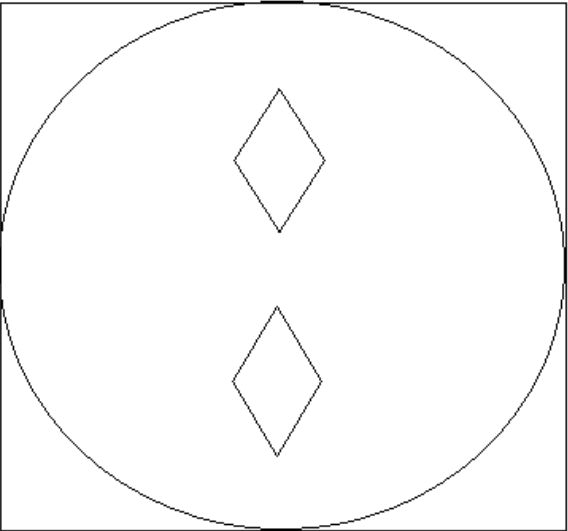
A



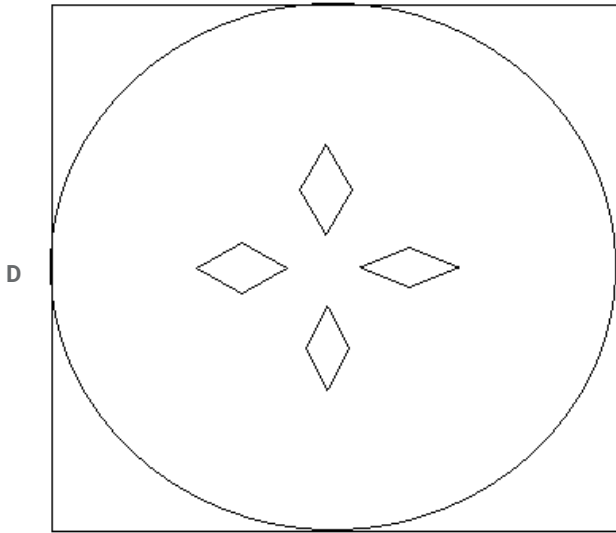
B



C



Cracku



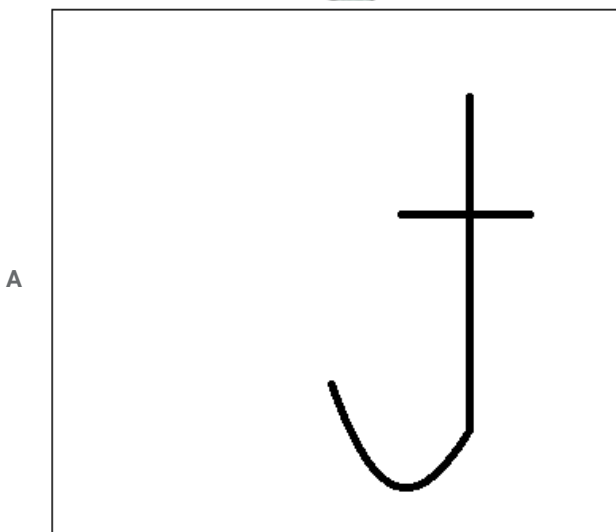
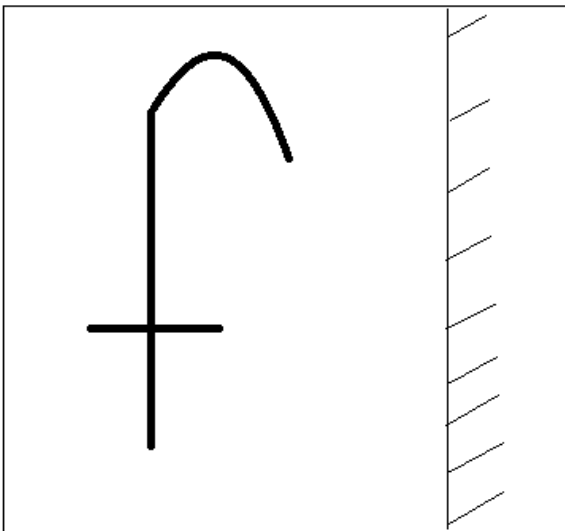
Answer: D

**Explanation:**

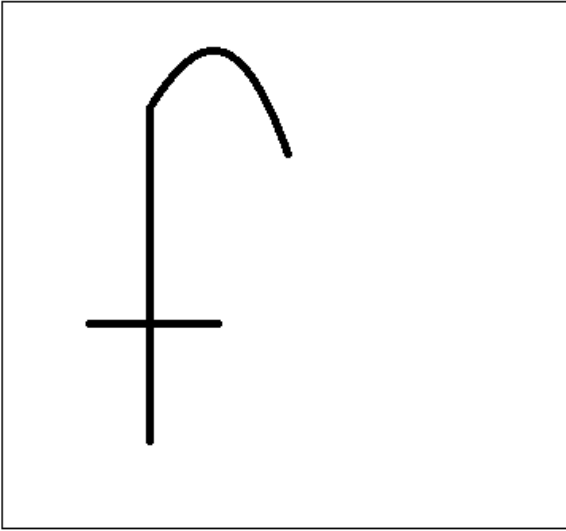
Always remember in folding type questions, put a mirror on folding line and then try to draw accordingly on other side. Hence answer will be D

**Question 49**

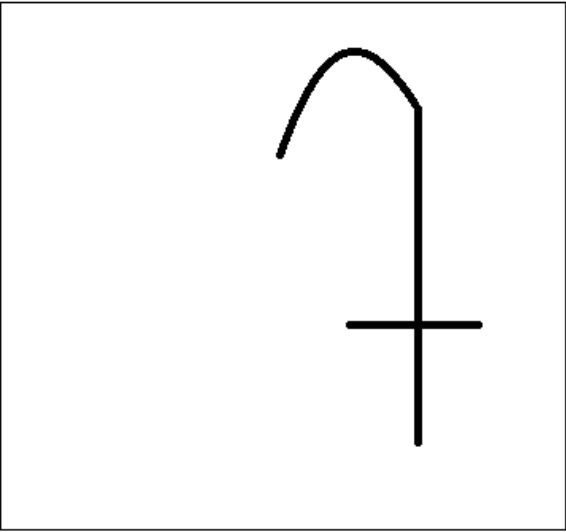
Select the correct option that will be the mirror reflection of the problem figure.



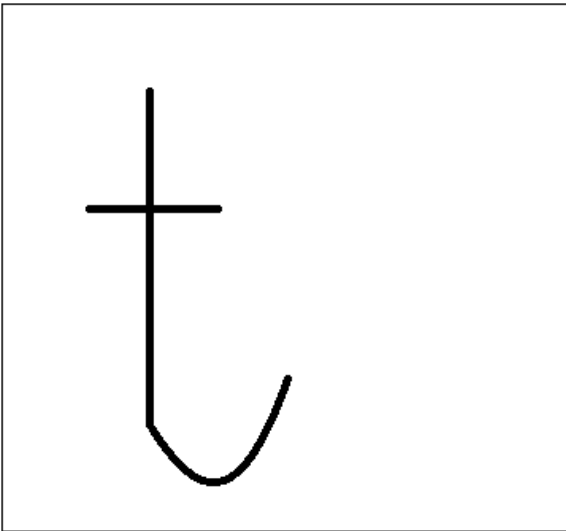
B



C



D



Answer: C

**Explanation:**

As we know in mirror image problems right part of real thing appear left part and vice versa. So answer will be C here.

[Join SSC Daily Quiz Telegram Group](#)

**Instructions**

Directions: In the following question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of

Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'P' can be represented by 11, 32, etc. and 'K' can be represented by 65, 78, etc. Similarly, you have to identify the set for the word SALM.

#### Question 50

##### Matrix I

	0	1	2	3	4
0	P	A	I	V	R
1	I	P	R	A	V
2	A	R	V	P	I
3	V	I	P	R	A
4	R	V	A	I	P

##### Matrix II

	5	6	7	8	9
5	S	L	K	M	E
6	K	M	S	E	L
7	M	E	L	K	S
8	L	K	E	S	M
9	E	S	M	L	K

- A 55, 20, 56, 69
- B 79, 13, 69, 75
- C 96, 34, 76, 89
- D 67, 21, 85, 97

**Answer: B**

##### Explanation:

As it is given that in a number first digit is showing the row number and 2nd digit is showing column number hence to make salm 79-S, 13-A, 69-L, 75-M, B) is most appropriate option.

## SSC CGL Free Mock Test

### General Awareness

##### Instructions

For the following questions answer them individually

#### Question 51

Which one of the following is an example for a non-economic good?

- A Doctor's service
- B Teacher's service
- C Mother's service
- D Banker's service

**Answer: C**

**125 SSC CGL Mocks for just Rs. 199**

#### Question 52

Which one of the following committee is associated with banking sector reforms in India ?



- A L. C. Gupta
- B Narsimhan
- C Chakravarty
- D Kelkar

**Answer: B**

**Question 53**

**Which one of the following is not a qualitative credit control measure of the RBI?**

- A Fixing margin requirements
- B Variable interest rates
- C Open market operations
- D Credit rationing

**Answer: C**

**Question 54**

**The 12th Five Year Plan will be operative for the period**

- A 2010 - 2015
- B 2011 - 2016
- C 2012 - 2017
- D 2013 - 2018

**Answer: C**

**SSC CGL Previous Papers (DOWNLOAD PDF)**

**Question 55**

**The national income of a nation is the**

- A Government's annual revenue
- B Sum total of factor incomes
- C Surplus of public sector enterprises
- D Exports minus imports

**Answer: B**

**Question 56**

**The Constitutional Amendment Act that has introduced safeguards against the misuse of proclamation of national emergency is the**

- A 42nd Amendment Act
- B 43rd Amendment Act

C 44th Amendment Act

D 45th Amendment Act

**Answer: C**

**Question 57**

**The Fundamental Rights can be suspended by the**

A Governor

B President

C Law Minister

D Prime Minister

**Answer: B**

## 25 SSC CHSL Mocks for just Rs. 149

**Question 58**

**The main reason for the growth of communalism in India is**

A Educational and economic backwardness of minority groups

B Political consciousness

C Social inequalities

D Imposing ban on communal organisations

**Answer: A**

**Question 59**

**A Retired Judge of a High Court is not permitted to practice as a lawyer in**

A Supreme Court

B Any Court in India

C High Courts

D Except the High Court where he retired

**Answer: D**

**Question 60**

**Which one of the following does not match?**

A Hindu Marriage Act : 1955

B Medical Termination of Pregnancy Act: 1971

C Domestic Violence on Women Act: 1990

D Cruelty against Women: 1995

**Answer: C**

## SSC CGL Tier-2 Previous Papers PDF

### Question 61

Who was the First Viceroy of India ?

- A Lord Ripon
- B Lord Curzon
- C Lord Mountbatten
- D Lord Canning

Answer: D

### Question 62

Prithvi Raj Chauhan was defeated in the Second Battle of Tarain by

- A Mahmud Ghazni
- B Muhammad Ghori
- C Qutbuddin Aibak
- D Yalduz

Answer: B

### Question 63

The original name of Nana Phadnavis was

- A Mahadaji Sindhia
- B Tukoji Holkar
- C Narayan Rao
- D Balaji Janardan Bhanu

Answer: D

## SSC CGL Important Questions PDF

### Question 64

Who among the following first propounded the idea of Basic Education?

- A Jawahar Lal Nehru
- B Raja Ram Mohan Roy
- C Mahatma Gandhi
- D Dayanand Saraswati

Answer: C

**Question 65**

Arrange the following in chronological order:

- I. Dandi March
- II. Simon Commission
- III. Poona Pact
- IV. Gandhi Irwin Pact

- A II, I, III, IV
- B II, I, IV, III
- C IV, III, I, II
- D IV, III, II, I

**Answer: B**

**Question 66**

Which one of the following is not correctly matched?

- A Darjeeling - West Bengal
- B Mount Abu - Rajasthan
- C Kodaikanal - Tamil Nadu
- D Simla - Uttar Pradesh

**Answer: D**

**1500 + Free Must Solved SSC Questions (With Solutions)**

**Question 67**

The earth is at its maximum distance from the Sun on

- A January 30th
- B December 22nd
- C September 22nd
- D July 4th

**Answer: D**

**Question 68**

Consider the following pairs;

**Tributary Main River**

- 1. Chambal Yamuna
- 2. Sone Narmada
- 3. Manas Brahmaputra

Which one of the pairs given above is/are correctly matched?

- A 1, 2 and 3
- B 1 and 2 only
- C 2 and 3 only

D Only 3

Answer: A

**Question 69**

A form of condensation that reduces visibility and causes breathing problems is

A Dew

B Frost

C Smog

D Mist

Answer: C

**General Science Notes for SSC CGL**

**Question 70**

The total population divided by available arable land area is referred to as

A Population density

B Nutritional density

C Agricultural density

D Industrial density

Answer: A

**Question 71**

Green glands are associated with

A Reproduction

B Excretion

C Respiration

D Digestion

Answer: B

**Question 72**

During respiration, the gases enter into the blood and leave the same by the process of

A Active transport

B Diffusion

C Diffusion and active transport

D Osmosis

Answer: B

## Free SSC Study Material (18,000 Solved Questions)

**Question 73**

**Heart is devoid of**

- A Cardiac muscle
- B Involuntary muscle
- C Voluntary muscle
- D Smooth muscle

**Answer: C**

**Question 74**

**The soil salinity is measured by**

- A Conductivity meter
- B Hygrometer
- C Psychrometer
- D Auxanometer

**Answer: A**

**Question 75**

**Which of the following is a fungal disease?**

- A Leucoderma
- B Eczema
- C Ringworm
- D Elephantiasis

**Answer: C**

**SSC Exam Free Videos (Youtube)**

**Question 76**

**Chickenpox is caused by**

- A DNA virus
- B Variola virus
- C Streptococcus
- D Vi rio cholerae

**Answer: B**

**Question 77**

In instruments can be shielded from outside magnetic effects by surrounding them with

- A Iron shield
- B Rubber shield
- C Brass shield
- D Glass shield

**Answer: A**

**Question 78**

Find the odd one.

- A Marble
- B Blackboard
- C Chalk
- D Slaked lime

**Answer: A**

**SSC Free Preparation App**

**Question 79**

The following is a pseudo-force

- A Centrepetal force
- B Centrifugal reaction force
- C Centrifugal force
- D Strong nuclear force

**Answer: C**

**Question 80**

The hydraulic brake used in automobiles is a direct application of

- A Archimedes principle
- B Torricellean law
- C Bernoulli's Theorem
- D Pascal's law

**Answer: D**

**Question 81**

Of the following, which is the fastest?

- A CD-ROM
- B RAM
- C Registers
- D Cache

Answer: C

## Daily Free SSC Practice Set

### Question 82

An alternate name for the completely interconnected network topology is

- A Mesh
- B Star
- C Tree
- D Ring

Answer: A

### Question 83

Amides can be converted to amines by the reaction named

- A Perkin
- B Clasteration
- C Claisen
- D Clemmesen

Answer: C

### Question 84

The base used as an antacid is

- A Calcium hydroxide
- B Barium hydroxide
- C Magnesium hydroxide
- D Silver hydroxide

Answer: C

## SSC CGL Free Online Coaching

### Question 85

A process which is not helpful in the prevention of rusting of iron is



- A annealing
- B applying grease
- C galvanising
- D painting

**Answer: A**

**Question 86**

**Denatured alcohol**

- A is a form of alcohol
- B is unfit for drinking as it contains poisonous substances
- C contains coloured impurities
- D is sweet' to taste

**Answer: B**

**Question 87**

**Phenolics as pollutants can be removed from waste water by use of**

- A Ion exchange resin technique
- B Electrolyte decomposition technique
- C Reverse osmosis method
- D Polymeric adsorbents

**Answer: D**

**SSC CHSL Previous Question papers (download pdf)**

**Question 88**

**The stability of a pond ecosystem depends on**

- A micro-organisms and fishes
- B micro-organisms and zoo planktons
- C fishes and reptiles
- D producers and consumers

**Answer: D**

**Question 89**

**Supersonic air planes create a shock wave called**

- A Transition wave
- B Ultrasound

C Transverse wave

D Sonic boom

Answer: D

Question 90

The main factor which determines balance of nature is

A human activities

B Rabbit and habitat

C environmental conditions

D availability of food

Answer: C

## Free SSC Study Material (18,000 Solved Questions)

Question 91

The danger signals are red while the eye is more sensitive to yellow because

A absorption in red is less than yellow and hence red is visible from a distance

B scattering in yellow light is less than red

C the wavelength of red light is more than yellow light

D none of the above reasons

Answer: A

Question 92

One of the following Chief Ministers received the Highest Civilian Award 'Bharat Ratna'

A Lalu Prasad Yadav of Bihar

B Late M. G. Ramachandran of Tamil Nadu

C Jyothi Basu of West Bengal

D Late N. T. Rama Rao of Andhra Pradesh

Answer: B

Question 93

The first 'disabled athlete' to qualify for an able bodied event in the 2012 London Olympics in 400 metres race is

A Oscar Pistorius

B Walter Rallis

C Raymond Irchovich

D Gerald Hangovin

Answer: A

## Latest Job Updates on Telegram - Join here

### Question 94

Which one of the following film actors has been conferred the Honorary Doctorate in Arts and Culture by the Bedford University, London?

- A Shahrukh Khan
- B Amir Khan
- C Saif Ali Khan
- D Anil Kapoor

**Answer: A**

### Question 95

The city of Prayag was named Allahabad

- A Aurangzeb
- B Akbar
- C Shahjehan
- D Bahadur Shah Zafar

**Answer: B**

### Question 96

Spot the odd one from the following:

- A Tsunami
- B Earthquakes
- C Windmills
- D Cyclones

**Answer: C**

## Join SSC Daily Quiz Telegram Group

### Question 97

Who among the following has won the Pantaloons Femina Miss India World, 2012 Award?

- A Prachi Misra
- B Vanya Misra
- C Rochella Maria
- D Sandhya Agarwal

**Answer: B**

Question 98

Which one of the following statements is not correct about India's population as per the 2011 census?

- A Literacy rate has gone up to 74% from 65%
- B Kerala has the highest literacy rate
- C Bihar has the lowest literacy rate
- D Men outnumber women in growth of literates

Answer: D

Question 99

Who advocated the adoption of 'PURA' model to eradicate rural poverty ?

- A Dr. A. P. J. Abdul Kalam
- B Sri Abhijit Sen
- C Maulana Abdul Kalam Azad
- D Prof. A. M. Patha

Answer: A

SSC CGL Free Mock Test

Question 100

Which one of the following though called a garden is infact, not a garden?

- A Vrindavan Garden of My sore
- B Hanging Garden of Mumbai
- C Eden Garden of Kolkata
- D Shalimar Garden of Kashmir

Answer: C

125 SSC CGL Mocks for just Rs. 199

Quant

Instructions

For the following questions answer them individually

Question 101

The next term of the series 1, 5, 12, 24, 43 is

- A 51
- B 62
- C 71

D 78

Answer: C

Explanation:

$$1+4=5$$

$$5+(4+3)=12$$

$$12+(4+3+5)=24$$

$$24+(4+3+5+7)=43$$

$$43+(4+3+5+7+9)=71$$

## SSC CGL Previous Papers (DOWNLOAD PDF)

Question 102

The least multiple of 13 which when divided by 4, 5, 6, 7 leaves remainder 3 in each case is

A 3780

B 3783

C 2520

D 2522

Answer: B

Explanation:

Number will be equal to  $420t + 3 = 13M$

put values of M and t accordingly and find least value of it.

Question 103

The simplest value of

$$\frac{1}{\sqrt{2}+\sqrt{3}} + \frac{1}{\sqrt{3}+\sqrt{4}} + \frac{1}{\sqrt{4}+\sqrt{5}} + \frac{1}{\sqrt{5}+\sqrt{6}}$$

A  $\sqrt{3}(\sqrt{2} - 1)$

B  $\sqrt{2}(\sqrt{3} - 1)$

C  $\sqrt{3} - 1$

D  $\sqrt{2} - 1$

Answer: B

Explanation:

after rationalizing each term in question, it will be:  $\sqrt{6} - \sqrt{2}$

$$\text{or } \sqrt{6} - \sqrt{2}$$

$$= \sqrt{2}(\sqrt{3} - 1)$$

Question 104

A and B are partners in a business. A contributes  $\frac{1}{4}$  of the capital for 15 months and B received  $\frac{2}{3}$  of the profit. Find for how long B's money was used?

A 6 months

B 8 months

C 10 months

D 12 months

Answer: C

Explanation:

Let's say total capital is T, so A invests  $\left(\frac{T}{4}\right) \times 15$  and say B invests for t time  $\left(\frac{3T}{4}\right) \times t$   
Hence profit will also be distributed in the ratio of their investment.

So profit distribution ratio will be  $\left(\frac{T}{4}\right) \times 15 : \left(\frac{3T}{4}\right) \times t$   
or 5:t

So B's share will be  $\frac{t}{5+t} = \frac{2}{3}$   
or t=10

## 25 SSC CHSL Mocks for just Rs. 149

Question 105

If 21 is added to a number, it becomes 7 less than thrice of the number. Then the number is

A 14

B 16

C 18

D 19

Answer: A

Explanation:

$21+x=3x-7$   
or  $2x=28$   
 $x=14$

Question 106

Two men A and B started a job in which A was thrice as good as B and therefore took 60 days less than B to finish the job. How many days will they take to finish the job, if they take to finish the job, if they start working together?

A 15 days

B 20 days

C  $45/2$  days

D 25 days

Answer: C

Explanation:

Let's assume B does 1 work in x days  
Hence A will do in  $x/3$  days  
So  $x-x/3=60$  (given)  
or  $x=90$

Now B does unit work in 90 days and A does in 30 days.

So in 1 day, B will do  $1/90$  amount of work and A will do  $1/30$  amount of work  
Total work done in one day, when they are working together =  $1/90 + 1/30 = 4/90$   
Hence to complete unit they will take  $90/4$  days or  $45/2$  days.

Question 107

A rectangle garden is  $100\text{ m} \times 80\text{ m}$ . There is a path along the garden and just outside it. Width of the path is 10m. The area of the path is

- A 1900 sq m
- B 2400 sq m
- C 3660 sq m
- D 4000 sq m

**Answer: A**

**Explanation:**

Width of path = 10m.

Hence length and width of outer triangle will be = 110 and 90 respectively.

So area of path will be  $(110 \times 90 - 100 \times 80) = 1900$  sq. m.

## SSC CGL Tier-2 Previous Papers PDF

**Question 108**

**A dealer offered a machine for sale for Rs. 27,500 but even if he had charge 10% less, the would have made a profit of 10%. The actual cost of the machine is**

- A Rs. 22000
- B Rs. 24500
- C Rs. 22500
- D Rs. 22275

**Answer: C**

**Explanation:**

Let the actual price of the product be  $x$ ,

Selling price with 10% profit =  $x + (10x/100)$

Selling price of machine is 10% less than 27,500 =  $27,500 - (27500/10) = 24750$

Equating both we get  $24750 = x + (10x/100)$

Solving the above equation gives  $x = 22500$ .

**Question 109**

**An employer reduces the number of employees in the ratio 8 : 5 and increases their wages in the ratio 7 : 9. As a result, the overall wages bill is**

- A Increased in the ration 56 : 69
- B Decreased in the ratio 56 : 45
- C Increased in the ratio 13 : 17
- D Decreased in the ratio 17 : 13

**Answer: B**

**Explanation:**

Let's say employees were change from  $8x$  to  $5x$  and wage per employee is changed from  $7y$  to  $9y$

Hence total wage is changed from  $56xy$  to  $45xy$  or in a ratio of 56:45

**Question 110**

**The average age of a jury of 5 is 40. If a member aged 35 resigns and man aged 25 becomes a member, then the average age of the new jury is**

- A 30
- B 38
- C 40
- D 42

**Answer: B**

**Explanation:**

Initially, sum of ages of the jury = 200,  
then man aged 35 resigns, sum of ages = 200-35  
then man aged 25 joins, sum of ages = 200-35+25  
Final number of members in the jury =5  
So, average age of the jury =  $(200-35+25)/5 = 38$

## SSC CGL Important Questions PDF

**Question 111**

With average speed of 40 km/hour, a train reaches its destination in time. If it goes with an average speed of 35 km hour, it is late by 15 minutes. The total journey is

- A 30 km
- B 40 km
- C 70 km
- D 80 km

**Answer: C**

**Explanation:**

Let the time and distance be t mins and d km respectively,  
If it goes with an average speed of 40 km/hour, a train reaches its destination in time.  
So, distance =  $(40*t)/60$   
If it goes with an average speed of 35 km hour, it is late by 15 minutes.  
So, distance =  $35*(t+15)/60$   
In both the cases, distance is same,  
So,  $40*t = 35*(t+15)$   
Solving the above equation gives t = 105  
and d =  $(40*105)/60 = 70$

**Question 112**

A man makes a profit of 20% on the sale by selling 20 articles for Rs. 1. The number of articles he bought by Rs. 1 is

- A 20
- B 24
- C 25
- D 30

**Answer: B**

**Explanation:**

Selling price of 20 articles = 1 rs.  
Profit on it = 20%  
Hence cost price of 20 articles will be =  $100/120$  rs.



So in 1 rs. number of articles purchased were =  $\frac{120}{100} \times 20 = 24$

**Question 113**

The number of seats in an auditorium is increased by 25%. The price of a ticket is also increased by 12%. Then the increase in revenue collection will be

- A 40%
- B 35%
- C 45%
- D 48%

**Answer:** A

**Explanation:**

Let's assume no. of seats were 100 and price of a ticket was 100 hence total revenue is 10000.

Now acc. to question after increment no. of seats will be 125 and price of a ticket will be 112. Hence total revenue will be  $125 \times 112 = 14000$ .

Increment in revenue = 4000

% increase in revenue = 40%

## 1500 + Free Must Solved SSC Questions (With Solutions)

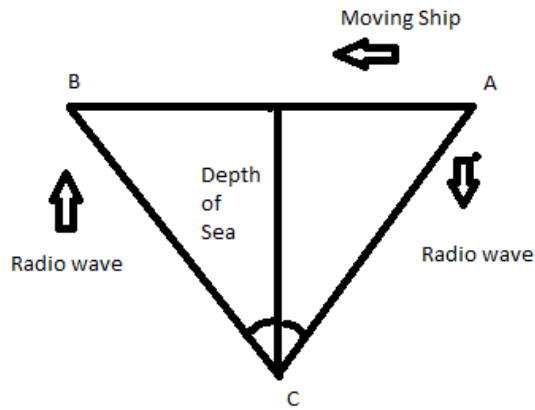
**Question 114**

A ship is moving at a speed of 30 km/hr. To know the depth of the ocean beneath it, it sends a radio wave which travels at a speed 200 m/s. The ship receives the signal after it has moved 500 m. The depth of the ocean is

- A  $1250\sqrt{23}$
- B 12
- C  $\sqrt{6}$
- D 8

**Answer:** A

**Explanation:**



The time taken equals 60s

Hence, the distance travelled by sound is 12,000 m

Hence, the depth is  $6000^2 - 500^2 = 1250\sqrt{23}$

**Question 115**

A person takes a loan of Rs. 10,0000 partly from a bank at 8% p.a. and remaining from another bank at 10% p.a. He pays a total interest of Rs. 950 per annum. Amount of loan taken from the first bank (in Rs.) is

- A 2500
- B 5200
- C 2050
- D 5020

**Answer: A**

**Explanation:**

Let's assume person takes a loan of x from first bank and y from second bank.

Hence according to given question :

$$\frac{8x}{100} + \frac{10y}{100} = 950$$

$$x + y = 100000$$

Solving above equations we will get value of x = 2500

**Question 116**

If  $a^2 + \frac{1}{a^2} = 98(a > 0)$  then the value of  $a^3 + \frac{1}{a^3}$  will be

- A 535
- B 1030
- C 790
- D 970

**Answer: D**

**Explanation:**

$$(a + \frac{1}{a})^2 = a^2 + \frac{1}{a^2} + 2 = 98 + 2 = 100$$

$$\text{So } (a + \frac{1}{a}) = 10$$

$$\text{or } (a + \frac{1}{a})^3 = 1000$$

$$\text{or } a^3 + \frac{1}{a^3} + 3((a + \frac{1}{a})) = 1000$$

$$\text{or } a^3 + \frac{1}{a^3} + 3 \times 10 = 1000$$

$$\text{or } a^3 + \frac{1}{a^3} = 970$$

## General Science Notes for SSC CGL

**Question 117**

If  $x = 1 + \sqrt{2} + \sqrt{3}$ , then the value of  $(2x^4 - 8x^3 - 5x^2 + 26x - 28)$  is \_\_\_?

A  $6\sqrt{6}$

B 0

C  $3\sqrt{6}$

D  $2\sqrt{6}$

**Answer: A**

**Explanation:**

$$x = 1 + \sqrt{2} + \sqrt{3}$$

$$(x - 1)^2 = (\sqrt{2} + \sqrt{3})^2$$

$$x^2 + 1 - 2x = 5 + 2\sqrt{6}$$

$$x^2 - 2x = 4 + 2\sqrt{6} \text{ (eq. (1))}$$

$$(x^2 - 2x)^2 = x^4 + 4x^2 - 4x^3 = 40 + 16\sqrt{6} \text{ eq (2)}$$

$$\text{Now in } 2x^4 - 8x^3 - 5x^2 + 26x - 28$$

$$\text{or } 2(x^4 - 4x^3) - 5x^2 + 26x - 28 \text{ (putting values from eq (1) and eq (2))}$$

$$\text{After solving we will get it reduced to } 6\sqrt{6}$$

**Question 118**

If the distance between two point (0, -5) and (x, 0) is 13 unit, then x =

A 10

B  $\pm 10$

C 12

D  $\pm 12$

**Answer: D**

**Explanation:**

$$\text{Distance}^2 = \text{diff.of x coordinates}^2 + \text{diff.of y coordinates}^2$$

$$13^2 = x^2 + 5^2$$

$$\text{Hence } x = \pm 12$$

**Question 119**

If  $4x = 18$ , then the value of  $(\frac{x^4 + \frac{1}{x^2}}{x^2 - 3x + 1})$

A  $\frac{1}{3}$

- B  $7/2$
- C  $2/3$
- D  $3/2$

Answer: B

## Free SSC Study Material (18,000 Solved Questions)

### Question 120

If  $x + \frac{1}{x} = 5$ , then the value of  $\frac{x^4 + \frac{1}{x^2}}{x^2 - 3x + 1}$  is

- A 70
- B 50
- C 110
- D 55

Answer: D

#### Explanation:

Given  $x + \frac{1}{x} = 5$  or  $x^2 - 5x + 1 = 0$

And we have to find value of  $\frac{x^4 + \frac{1}{x^2}}{x^2 - 3x + 1}$

$$\text{or } \frac{x^4 + \frac{1}{x^2}}{x^2 - 5x + 1 + 2x}$$

$$\text{or } \frac{x^4 + \frac{1}{x^2}}{2x}$$

$$\text{or } \frac{x^3 + \frac{1}{x^3}}{2}$$

(As  $(x + \frac{1}{x}) = 5$  hence  $(x + \frac{1}{x})^3 = 125$  or  $x^3 + \frac{1}{x^3} = 110$ )

So now  $\frac{x^3 + \frac{1}{x^3}}{2} = 110/2 = 55$

### Question 121

If  $x = 2 + \sqrt{3}$ ,  $y = 2 - \sqrt{3}$ , then the value of  $\frac{x^2 + y^2}{x^3 + y^3}$  is

- A  $\frac{7}{38}$
- B  $\frac{7}{40}$
- C  $\frac{7}{19}$
- D  $\frac{7}{26}$

Answer: D

#### Explanation:

$$\frac{x^2 + y^2}{x^3 + y^3}$$

$$\frac{(x+y)^2 - 2xy}{(x+y)^3 - 3xy(x+y)}$$

as  $x+y = 4$

and  $xy = 1$

Now after putting values of  $x+y$  and  $xy$  and solving, we will get its value as  $7/26$ .

#### Question 122

If  $a^2 + b^2 + c^2 = 2(a - 2b - c - 3)$  then the value of  $a+b+c$  is

A 3

B 0

C 2

D 4

Answer: B

Explanation:

$$\text{Given } a^2 + b^2 + c^2 = 2(a - 2b - c - 3),$$

$$\text{So, } (a - 1)^2 + (b + 2)^2 + (c - 1)^2 = 0$$

Hence,  $a=1$ ,  $b=-2$  and  $c=1$

So, the sum of the equation is

### SSC Exam Free Videos (Youtube)

#### Question 123

If  $2x - \frac{1}{2x} = 6$ , then the value of  $x^2 + \frac{1}{16x^2}$

A  $\frac{19}{2}$

B  $\frac{17}{2}$

C  $\frac{18}{3}$

D  $\frac{15}{2}$

Answer: A

Explanation:

$$2x - \frac{1}{2x} = 6$$

$$\text{or } x - \frac{1}{4x} = 3$$

squaring on both sides:

$$x^2 + \frac{1}{16x^2} - \frac{1}{2} = 9$$

$$\text{or } x^2 + \frac{1}{16x^2} = 19/2$$

#### Question 124

$5a + \frac{1}{3a} = 5$ , the value of  $9a^2 + \frac{1}{25a^2}$  is

A  $\frac{34}{5}$

B  $\frac{39}{5}$

C  $\frac{42}{5}$

D  $\frac{52}{5}$

Answer: B

Explanation:

$$5a + \frac{1}{3}a = 5$$

Multiplying both the sides by  $(\frac{3}{5})$

$$3a + \frac{1}{5}a = 3$$

Now squaring both sides

$$9a^2 + \frac{1}{25}a^2 - \frac{6}{5}a = 9$$

$$\text{Hence } 9a^2 + \frac{1}{25}a^2 = \frac{39}{5}$$

Question 125

The area of the triangle formed by the line  $5x + 7y = 35$ ,  $4x + 3y = 12$  and x-axis is

A  $\frac{160}{13}$

B  $\frac{150}{13}$

C  $\frac{140}{13}$

D 10

Answer: A

Explanation:

As we know, area of triangle is  $\frac{1}{2} \times \text{base} \times \text{height}$

Where base is  $(7-3) = 4$

And height would be y coordinate of third vertice (where two remaining vertices are  $(3,0)$  and  $(7,0)$ )

After solving given equations we will get y coordinate of third vertices as  $\frac{80}{13}$ .

Hence height is  $\frac{80}{13}$  and base is of 4 unit.

Now area will be  $\frac{1}{2} \times \text{base} \times \text{height}$

$$\text{or } \frac{1}{2} \times 4 \times \frac{80}{13}$$

**SSC Free Preparation App**

Question 126

If an obtuse-angled triangle ABC, is the obtuse angle and O is the orthocenter. If  $\angle A = 54^\circ$ , then is

A  $108^\circ$

B  $126^\circ$

C  $136^\circ$

D  $116^\circ$

Answer: B

Question 127

If the ratio of areas of two equilateral triangles is 9 : 16, then the ratio of their corresponding sides is

A 3 : 5

B 3 : 4

C 4 : 5

D 4 : 3

Answer: B

Explanation:

As we know area of equilateral triangle is directly proportional to square of its side:

Hence  $Area_1 : area_2 :: (a_1)^2 : (a_2)^2$

or  $\frac{a_1}{a_2} = \frac{3}{4}$

Question 128

Let BE and CF be the two medians of a  $\triangle ABC$  and G be their intersection. Also let EF cut AG at O. Then AO : OG is

A 1 : 1

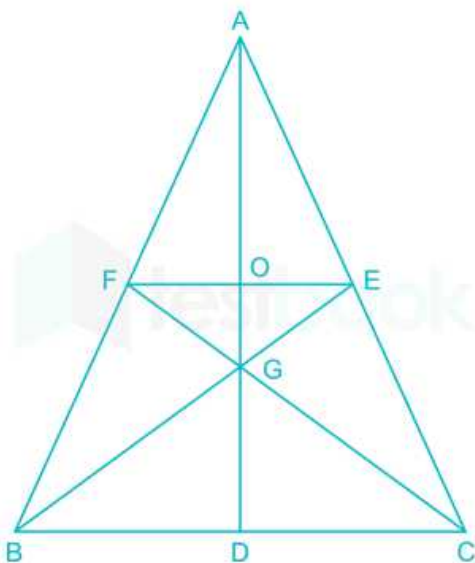
B 1 : 2

C 2 : 1

D 3 : 1

Answer: D

Explanation:



BE and CF are medians and G is their intersection. AD passing through G is also a median.  $\Rightarrow$  G is the centroid of  $\triangle ABC$

Also, a centroid divides the median in the ratio 2:1,  $\Rightarrow AG : GD = 2 : 1$

Let  $AD = 3x$  units

$\Rightarrow AG = 2x$  and  $GD = x$

Also, E and F are mid points of AC and AB respectively.

We know that line joining mid points of any two sides of a triangle bisects the medians from the vertex which is between the taking sides.

Thus, EF bisects AD

$\Rightarrow AO = OD = \frac{3x}{2}$  units

Now,  $OG = AG - AO = 2x - \frac{3x}{2} = \frac{x}{2}$

$\therefore AO : OG = \frac{3x}{2} : \frac{x}{2}$

$$= 3 : 1$$

=> Ans - (D)

## Daily Free SSC Practice Set

### Question 129

If S is the circumcentre of  $\triangle ABC$  and  $\angle A = 50^\circ$ , then the value of  $\angle BSC$  is

A  $20^\circ$

B  $40^\circ$

C  $60^\circ$

D  $80^\circ$

Answer: B

### Question 130

AC and BC are two equal chords of a circle. BA is produced to any point P and CP, when joined cuts the circle at T. Then

A  $CT : TP = AB : CA$

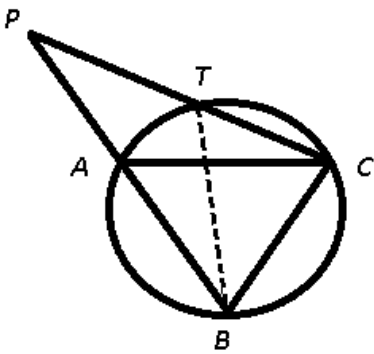
B  $CT : TP = CA : AB$

C  $CT : CB = CA : CP$

D  $CT : CB = CP : CA$

Answer: C

Explanation:



It is given that  $AC = BC$ , also  $\triangle PTB$  and  $\triangle PAC$  are similar, we have :

$$\frac{CA}{CP} = \frac{BT}{BP} \text{ -----(i)}$$

Also, we have  $\angle PBC = \angle BTC$  ( $\because \angle PBC = \angle BAC = \angle BTC$ ) and  $\angle PCB = \angle BCT$

$$\Rightarrow \triangle PBC \sim \triangle BTC$$

$$\text{Thus, } \frac{CB}{BP} = \frac{CT}{BT}$$

$$\Rightarrow \frac{BT}{BP} = \frac{CT}{CB} \text{ -----(ii)}$$

From equations (i) and (ii), we get :

$$\frac{CA}{CP} = \frac{CT}{CB}$$

=> Ans - (C)



Question 131

PQ is a direct common tangent of two circle of radii  $r_1$  and  $r_2$  touching each other externally at A. Then the value of  $PQ^2$  is

- A  $r_1r_2$
- B  $2r_1r_2$
- C  $3r_1r_2$
- D  $4r_1r_2$

Answer: D

Explanation:

As we know formula for common tangent is  $PQ^2 = d^2 - (r_1^2 - r_2^2)$

where  $d$  is distance between circles, PQ is common tangent  $r_1$  and  $r_2$  are radii of circles.

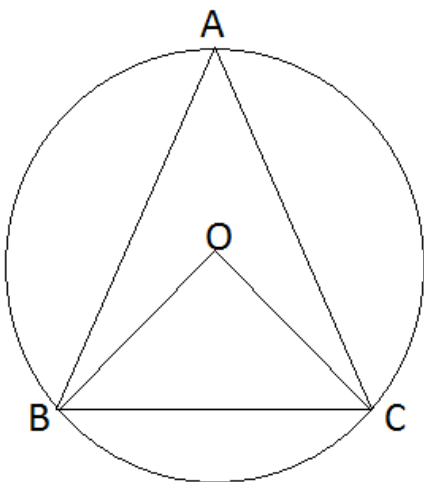
So  $PQ^2 = (r_1 + r_2)^2 - (r_1^2 - r_2^2)^2$

or  $4r_1r_2$

SSC CGL Free Online Coaching

Question 132

BC is the centre of the circle with centre O. A is a point on major arc BC as shown in the above figure. What is the value of  $\angle BAC + \angle OBC$  ?



- A  $120^\circ$
- B  $60^\circ$
- C  $90^\circ$
- D  $180^\circ$

Answer: C

Explanation:

As we know that angle through an arc on centre is double that of made on remaining arc.

Hence  $\angle BOC = 2\angle BAC = 2x$  (where  $x = \angle BAC$ )

and  $\angle OBC$  would be  $90 - x$

So  $\angle BAC + \angle OBC = 90$

Question 133

Two circles with radii 5 cm and 8 cm touch each other externally at a point A. If a straight line through the point A cuts the circles at points P and Q respectively, the AP : AQ is

- A 8 : 5
- B 5 : 8
- C 3 : 4
- D 4 : 5

Answer: B

Explanation:

Let's say centres of circles are O and R

Hence triangle APO and triangle ARQ will be similar triangles and ratio of corresponding sides will be equal.

So  $OP:QR = AP : PQ = 5:8$

Question 134

If I is the In-centre of and  $\angle A = 60^\circ$ , then the value of is -

- A  $100^\circ$
- B  $120^\circ$
- C  $150^\circ$
- D  $110^\circ$

Answer: B

**SSC CHSL Previous Question papers (download pdf)**

Question 135

The external bisectors of and of meet at point P. If  $\angle = 80^\circ$ , the is

- A  $50^\circ$
- B  $40^\circ$
- C  $80^\circ$
- D  $100^\circ$

Answer: A

Question 136

When a pendulum of length 50 cm oscillates, it produces an arc of 16 cm. The angle so formed in degree measure is (approx)

- A  $18^\circ 25'$
- B  $18^\circ 35'$
- C  $18^\circ 20'$
- D  $18^\circ 08'$

Answer: B

Explanation:

$$360 \text{ degree} = 2\pi r$$

(Where  $r$  = length of pendulum = 50 cm.)

$$\text{So angle created by 16 cm. arc will be} = \frac{360 \times 16}{2\pi \times 50}$$

$$= 38.30 \text{ degree or } 38 \text{ degree } 20 \text{ minute}$$

Question 137

If  $x, y$  are positive acute angles,  $x + y < 90^\circ$  and  $\sin(2x - 20^\circ) = \cos(2y + 20^\circ)$ , then the values of  $\sec(x + y)$  is

A  $\sqrt{2}$

B  $\frac{1}{\sqrt{2}}$

C 1

D 0

Answer: A

Explanation:

$$\text{Given } \sin(2x - 20) = \cos(2y + 20)$$

as  $x$  and  $y$  are positive acute angles

$$\text{hence } \cos(90 - 2x + 20) = \cos(2y + 20)$$

$$\text{or } 90 - 2x + 20 = 2y + 20$$

$$\text{or } x + y = 45$$

$$\text{or } \sec(x + y) = \sqrt{2}$$

Free SSC Study Material (18,000 Solved Questions)

Question 138

$5\tan\theta = 4$ , then the value of  $\left(\frac{5\sin\theta - 3\cos\theta}{5\sin\theta + 3\cos\theta}\right)$  is

A  $\frac{1}{7}$

B  $\frac{2}{7}$

C  $\frac{5}{7}$

D  $\frac{2}{5}$

Answer: A

Explanation:

Taking  $\cos\theta$  outside in numerator and in denominator and making  $\tan\theta$

$$\text{hence eq will be } \frac{5\tan\theta - 3}{5\tan\theta + 3}$$

As it is given that  $5\tan\theta = 4$

after putting values and solving we will get the equation reduced to  $1/7$ .

Question 139

The least value of  $(4\sec^2\theta + 9\text{cosec}^2\theta)$  is

A 1

B 19

C 25

D 7

Answer: A

Explanation:

$$4\sec^2\theta + 9\operatorname{cosec}^2\theta$$

$$\text{or } 4 + 4\tan^2\theta + 9 + 9\cot^2\theta$$

$$\text{or } 13 + 4\tan^2\theta + 9\cot^2\theta$$

$$\text{or } 13 + 4\tan^2\theta + \frac{9}{\tan^2\theta}$$

$$\text{or } 13 - 12 + (2\tan\theta + \frac{3}{\tan\theta})^2 \quad (\text{eq. (1)})$$

or now above expression to be minimum, equation  $(2\tan\theta + \frac{3}{\tan\theta})^2$  should be minimum.

So applying  $A.M. \geq G.M.$

$$\frac{(2\tan\theta + \frac{3}{\tan\theta})}{2} \geq \sqrt{6}$$

$$\text{or } (2\tan\theta + \frac{3}{\tan\theta}) = 2\sqrt{6} \quad (\text{for value to be minimum})$$

After putting above value in eq.(1), we will get least value of expression as 25.

Question 140

If  $\tan(x+y)\tan(x-y) = 1$ , then the value of  $\tan(\frac{2x}{3})$  is

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

B  $\frac{2}{\sqrt{3}}$

C  $\sqrt{3}$

D 1

Answer: A

Explanation:

$$\tan(x+y)\tan(x-y)=1$$

$$\text{or } \tan(x+y)=\cot(x-y)$$

$$\text{or } \tan(x+y)=\tan(90-x-y)$$

$$\text{or } x+y=90-x-y$$

$$\text{or } 2x=90$$

$$\text{or } x=45$$

$$\text{Hence } \tan(\frac{2x}{3}) = \tan 30 = \frac{1}{\sqrt{3}}$$

Latest Job Updates on Telegram - Join here

Question 141

If  $x = \operatorname{cosec}\theta - \sin\theta$  and  $y = \sec\theta - \cos\theta$ , then the value of  $x^2y^2(x^2 + y^2 + 3)$  is

A 0

B 1

C 2

D 3

Answer: B

Explanation:

$$x = \operatorname{cosec}\theta - \sin\theta = \frac{\cos^2\theta}{\sin\theta} = \cot\theta\cos\theta$$

Similarly  $y = \tan\theta \sin\theta$

$xy = \sin\theta \cos\theta$

$$x^2 + y^2 + 3 = (\sec^2\theta + \operatorname{cosec}^2\theta)$$

Now putting above values in given equation, and after solving it will be reduced to 1

**Question 142**

If  $0 \leq \theta \leq \frac{\pi}{2}$ ,  $2y \cos\theta = \sin\theta$  and  $2x \operatorname{cosec}\theta = y$ , then the value of  $x^2 - 4y^2$  is

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

**Answer:** A

**Explanation:**

$$2y = \tan\theta$$

$$x = 2y \operatorname{cosec}\theta$$

$$\text{Hence value of } x^2 - 4y^2 = 4y^2(\operatorname{cosec}^2\theta - 1)$$

$$\text{or } \tan^2\theta \cot^2\theta = 1$$

**Question 143**

When the angle of elevation of the sun increases from  $30^\circ$  to  $60^\circ$ , the shadow of a post is diminished by 5 metres. Then the height of the post is

- A  $\frac{5\sqrt{3}}{2}$
- B  $\frac{2\sqrt{3}}{2}$
- C  $\frac{2}{5\sqrt{3}}$
- D  $\frac{4}{5\sqrt{3}}$

**Answer:** A

**Explanation:**

With  $60^\circ$  angle, length of shadow will be  $\frac{x}{\sqrt{3}}$  (where  $x$  is length of post)

With  $30^\circ$  angle, length of shadow will be  $5 + \frac{x}{\sqrt{3}}$

$$\text{or } \tan 30^\circ = \frac{x}{5 + \frac{x}{\sqrt{3}}}$$

After solving above equation, we will get  $x$  equals to  $\frac{5\sqrt{3}}{2}$

**Join SSC Daily Quiz Telegram Group**

**Question 144**

A rail road curve is to be laid out on a circle. What radius should be used if the track is to change direction by  $25^\circ$  in a distance of 40 metres?

- A 91.64 metres
- B 90.46 metres
- C 89.64 metres

D 93.64 metres

Answer: A

**Explanation:**

With 25 degree angle length of arc will be  $(r \times (\theta \text{ in radian})) = 40\text{m}$  (where  $r$  is radius of arc and  $\theta$  will be angle made by it)  
Now solving above equation, we will get  $r = 91.64 \text{ m}$ .

**Question 145**

If  $\sin\theta + \sin^2\theta = 1$ , then the value of  $\cos^{12}\theta + 3\cos^{10}\theta + \cos^6\theta + 3\cos^8\theta - 1$  is

A 0

B 1

C -1

D 2

Answer: A

**Explanation:**

Given equation can be written as  $(\cos^4\theta + \cos^2\theta)^3 - 1$

as  $\sin\theta + \sin^2\theta = 1$

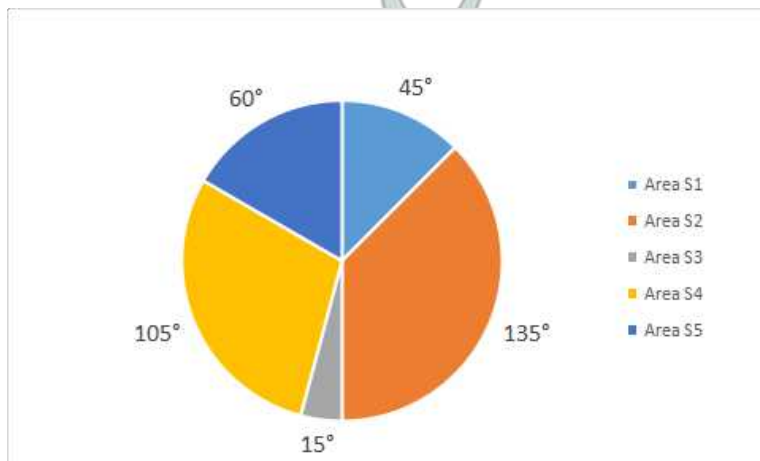
or  $\sin\theta = \cos^2\theta$

putting above value in given equation it will be

$$(\sin^2\theta + \sin\theta)^3 - 1 = 0$$

**Instructions**

Directions : Population of the five adjacent areas of a town, in the year of 2020, are represented in the following Pie-chart. The ratio of the numbers of males to that of females in these areas are states in the table below. The total of the population in all the five areas is 72 lakh. Study the Pie-chart and the table and then answer the questions.



Ratio of number of males(M) to females(F)

Areas	S1	S2	S3	S4	S5
Ratio M:F	3:2	4:1	7:3	2:3	13:7

**Question 146**

12 lakh in the population of the area

A S1

B S3

C S5

D S4

Answer: C

## SSC CGL Free Mock Test

Question 147

The number of males in the areas S1 and S4 together is

A 13.8 lakh

B 8.2 lakh

C 16.2 lakh

D 15.8 lakh

Answer: A

Question 148

The ratio of number of females in the areas S2 in the areas S5 is

A 7 : 9

B 36 : 13

C 9 : 7

D 13 : 36

Answer: C

Question 149

If, in the year 2010, there was an increase of 5% population in the areas S1 and 8% increase in population of the area S3 compared to the previous year, then the ratio of population in the areas S1 and S2, in the year 2009 was

A 3 : 10

B 27 : 10

C 27 : 70

D 10 : 3

Answer: A

## 125 SSC CGL Mocks for just Rs. 199

Question 150

The average of female population in all the five areas is lower than the female population in each of the areas

A S1 and S2

B S2 and S5

C S2 and S4

D S4 and S5

Answer: A

## SSC CGL Previous Papers (DOWNLOAD PDF)

### English

#### Instructions

Directions : In the following questions, some parts of the sentences have errors and some have none, Find out which part of a sentence has an error. The number of that part is your answer. If there is no error then your answer is d.i.e. No error.

#### Question 151

**Air pollution, together with littering./are causing many problems/in our cities./No error**

A Air pollution, together with littering.

B are causing many problems

C in our cities.

D No error

Answer: B

#### Explanation:

The Error is in part B.

Replace `Are' with `is'.

If the Subject is followed by words such as `together with,as well as,along with ',then the singular verb will follow singular Subject.

Air pollution & littering is followed by `together with' so it will take singular verb `Is'.

## 25 SSC CHSL Mocks for just Rs. 149

#### Question 152

**The accused refused/to answer to the policeman/on duty./No error**

A The accused refused

B to answer to the policeman

C on duty.

D No error

Answer: B

#### Explanation:

The error is in the part B.

Usage of `to' after `answer' is redundant.

Refused to answer the Policeman -is correct construction.

#### Question 153

**What is / the use of me / attending the session? / No error .**



- A What is  
B the use of me  
C attending the session?  
D No error.

**Answer: B**

**Explanation:**

The error is in the part B.

Replace `me' with `my'. `ME' is objective pronoun. `MY' is possessive pronoun.

Here sentence seems to imply that `his attending of the session.

Here it is showing possession.

So usage of `me' will be wrong.

**Question 154**

**We met our prospective employer / for a briefing session / in the Taj Hotel. / No error d.**

- A We met our prospective employer  
B for a briefing session  
C in the Taj Hotel.  
D No Error

**Answer: B**

**Explanation:**

The error is in part B

Replace an article `A' with `the'

Article A we use with words with consonant sound. It is called as indefinite article because it leaves indefinite the person or thing spoken of.

The is called definite article, because it normally points out some particular person or thing.

## SSC CGL Tier-2 Previous Papers PDF

**Question 155**

**Because of the severe snow storm and the road blocks, / the air force dropped food and / medical supplies close to the city. /No error.**

- A Because of the severe snow storm and the road blocks,  
B the air force dropped food and  
C medical supplies close to the city  
D No Error.

**Answer: D**

**Explanation:**

The given answer is correct.

**Instructions**

Directions : In the following questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

**Question 156**

\_\_\_\_\_ pollution control measures are expensive, many industries hesitate to adopt them.

- A Although
- B However
- C Because
- D Despite

**Answer:** C

**Explanation:**

The correct answer is option number -C.

The correct word will be 'because'.

The sentence implies here the reason as to why many industries hesitate to adopt pollution control measures.

Meaning of other options

Although- in spite of, except, to indicate concession.

However- It means nevertheless, yet, still, in spite of, to whatever degree.

Despite- It means regardless of, in spite of.

All these words doesn't suits in the given blank.

**Question 157**

It is not -----for a man to be confined to the pursuit of wealth.

- A healthy
- B easy
- C possible
- D common

**Answer:** C

**Explanation:**

The correct answer is option C.

Possible is the only word which is contextually Correct here.

## SSC CGL Important Questions PDF

**Question 158**

\_\_\_ his being innocent of the crime, the judge sentenced him to one year imprisonment.

- A In spite of
- B In case of
- C On account of

D In the event of

**Answer: A**

**Explanation:**

The correct answer is option number -A

The sentence implies here that though that person is innocent (not guilty), the judge sentenced him to 1 year of imprisonment.

In spite of -means even though, irrespective of.

Rest options are contextually incorrect.

**Question 159**

**It is a story of two men and a batch of -----armoured cars.**

A deceased

B diseased

C decrepit

D defeated

**Answer: C**

**Explanation:**

The correct answer is option number -C

Decrepit means weakened or worn out from age or wear.

Defeated -it means beaten, overcome, subjugated.

Diseased-Affected with or suffering from disease.

Deceased-It means No longer alive, asleep, at peace, rest, gone, late.

So these are contextually incorrect.

Option C is hence the correct answer.

**Question 160**

**Although there is \_\_\_\_\_ gun-fire, there is no stiff resistance to the revolutionary army,**

A bitter

B meagre

C continuous

D sporadic

**Answer: D**

**Explanation:**

The correct answer is option number -D

Sporadic means infrequent, isolated, occurring randomly.

Rest options doesn't add any meaning to the sentence.

## 1500 + Free Must Solved SSC Questions (With Solutions)

**Instructions**

Directions : In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given 'word as your answer.

Question 161

Vociferous

- A violent
- B loud
- C secret
- D true

Answer: B

Question 162

Fictional

- A genuine
- B authentic
- C fanciful
- D real

Answer: C

Question 163

Trivial

- A crucial
- B significant
- C vital
- D ordinary

Answer: D

## General Science Notes for SSC CGL

Question 164

Impudent

- A Vigilant
- B Astute
- C Insolent
- D Arrogant

Answer: C

Question 165

Pompous

- A Pretentious
- B Supportive
- C Demanding
- D Flashy

**Answer: A**

**Instructions**

Directions : In the following questions, choose the word opposite in meaning to the given word as your answer.

**Question 166**

**Cultivated**

- A Crude
- B Genteel
- C Suave
- D Refined

**Answer: A**

**Free SSC Study Material (18,000 Solved Questions)**

**Question 167**

**Impertinent**

- A Insolent
- B Impudent
- C Cheeky
- D Courteous

**Answer: D**

**Question 168**

**Divulge**

- A Disseminate
- B Dissemble
- C Publicize
- D Transmit

**Answer: B**

**Question 169**

**Appreciation**

- A Aspersions
- B Admiration
- C Commendation
- D Compliment

Answer: A

## SSC Exam Free Videos (Youtube)

### Question 170

Supple

- A Pliant
- B Pliable
- C Rigid
- D Flexible

Answer: C

### Instructions

Directions : In the following questions, four alternatives are given for the idiom/phrase and bold italicised in the sentence. Choose the alternative which best expresses the meaning of the idiom/phrase as your answer. -

### Question 171

Once the case reached the court, the police **washed their hands off it**.

- A waited for a response to
- B claimed credit for
- C disassociated themselves from
- D seemed eager to continue

Answer: C

### Explanation:

The correct answer is option -C

**Wash hands off** - When someone washed their hands off, they free themselves from that responsibility. You stop getting involved in it.

For ex- Sneha a talented employee of the company was having the habit of **washing her hands off** when something went wrong with the projects or any important work.

### Question 172

She wanted to go hitch-hiking but her mother **put her foot down** and now she's 'going by bus'.

- A took a firm stand
- B expressed her displeasure
- C scolded her badly
- D got irritated

**Answer: A**

**Explanation:**

*The correct answer is option -A*

**Put her foot down-** To act firmly / To tell someone strongly that they must do something or that they must stop doing something.

For ex- Shweta's parents will always **put her foot down** when it comes to her career.

## SSC Free Preparation App

**Question 173**

**Adolescence is a period of halo cyan days.**

- A hard days
- B of mental pressure
- C happy days
- D days of preparation

**Answer: C**

**Explanation:**

The correct answer is option -C

**halo cyan days-** It means happy days

For ex- Smita recalled her halo cyan days of college.

**Question 174**

**My sincere advice to my maid-servant fell on stony ground.**

- A was counter productive
- B had a strong impact
- C made one stubborn
- D had little success

**Answer: D**

**Question 175**

**He has all his ducks in a row, he is complacent.**

- A has everything ready
- B is well organised
- C always scores a zero
- D never gets confused

**Answer: B**

## Daily Free SSC Practice Set

**Instructions**

Directions : In the following questions, a part of the sentence is printed in bold. Below are given alternatives to the bold part at a, b and c which may improve the sentence. Choose the correct alternative. In case no improvement is needed your answer is d.

**Question 176**

**You shall have attended if the court had instructed you to do so.**

- A would have had to attend
- B would attend
- C would have to
- D No improvement

**Answer: A**

**Explanation:**

The correct answer is option number - A

This type of sentences are called as 'Impossible conditionals'. In this type of sentences, condition suggested by 'If clause' can't be fulfilled because they refer to the past. Therefore, this kind of sentences are called 'Impossible conditionals'

The given construction should be

Would /could/might have +V3 .....if past perfect.

Would is used to to express past habit, to express wishes.

**Question 177**

**The relics of Greece over which such a great deal of evidence has been collected should be preserved.**

- A from which
- B on which
- C ascent which
- D No improvement

**Answer: B**

**Explanation:**

The correct answer is option number -B.

The correct preposition is 'on'.

On which -here means based on which

Remaining options doesn't fits here

**Question 178**

**When the beverage was ready, they drank possibly as much as they could.**

- A as much as they possibly could
- B as much as possibly they could
- C as much as they could possibly
- D No improvement

**Answer: A**

**Explanation:**

The correct answer is option number -A



The sentence implies here that when the beverages was ready they drank as much as possible.

Possibly -It is used to say that somebody will do /has done as much as they can in order to make something happen.

Possibly here qualifies 'as much as'

As much as -is also an adverb denoting frequency.

So correct order is

As much as possibly they could.

## SSC CGL Free Online Coaching

### Question 179

**A citizen is expected to give allegiance to his country of origin.**

- A homage
- B loyalty
- C obedience
- D No improvement

**Answer: B**

#### **Explanation:**

The correct answer is option number -B

Allegiance means loyalty to some cause.

Loyalty means the state of being loyal.

Allegiance is kind of duty.

Loyalty is something we feel.

### Question 180

**We were with daggers drawn despite attempts to understand each other;**

- A in
- B on
- C at
- D No improvement

**Answer: C**

#### **Explanation:**

The correct answer is option number -C

At daggers drawn -It is a Phrase which means to be bitterly hostile towards each other,on bad terms,at odds,at war.

So usage of 'on,in,with' will be wrong.

#### **Instructions**

Directions : In the following questions, out of the four alternatives. choose the one which can be substituted for the given words/sentence.

### Question 181

**A round or cylindrical container used storing things such as food,**

- A tankard
- B vessel
- C canister
- D casket

Answer: B

## SSC CHSL Previous Question papers (download pdf)

Question 182

A place of permanent residence

- A abode
- B dormitory
- C domicile
- D apartment

Answer: A

Question 183

That cannot be altered or withdrawn

- A irrevocable
- B irretrievable
- C irrefutable
- D irresistible

Answer: A

Question 184

Money paid to employees on retirement

- A gratuity
- B gift
- C pension
- D arrears

Answer: A

## Free SSC Study Material (18,000 Solved Questions)

Question 185

A place where clothes are kept

- A closet
- B drawer
- C wardrobe
- D cupboard

Answer: C

#### Instructions

Directions : In the following questions four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word as your answer.

#### Question 186

- A garulous
- B garrulous
- C garullous
- D garrullous

Answer: B

#### Question 187

- A marquee
- B markue
- C marnuei
- D marquie

Answer: A

**Latest Job Updates on Telegram - Join here**

#### Question 188

- A puissant
- B puiscant
- C puiscent
- D puissent

Answer: A

#### Question 189

- A disconncerting
- B disconserting
- C discuncerting
- D disconcerting

Answer: D

Question 190

- A exilarate
- B exsilerate
- C exsilarate
- D exhilarate

Answer: D

Join SSC Daily Quiz Telegram Group

Instructions

Directions : In the following questions, you have two brief passages with 5 questions in each passage, Read the passages carefully and choose the best answer to each question out of the four alternatives.

PASSAGE -I Stuck with be development dilemma? Stay away from management courses. Seriously, one of the biggest complaints that organisations have about management courses is that they fail to impact the participants' on-the-job behaviour. Some management trainers stress the need for follow-up and reinforcement on the job. Some go so far as briefing the participants' managers on what behaviour they should be reinforcing back on the job. Others include a follow-up training day to review the progress of the participants. None of this is really going far enough. The real problem is that course promoters view development as something which primarily, takes place in a classroom. A course is an event and events are, by definition limited in time. When you talk about follow-up after a course, it is seen as a nice idea, but not as an essential part of the participants' development programme. Any rational, empowered individual should be able to take what has been learnt in a course and transfer it to the work place or so the argument goes. Another negative aspect of the course mindset is that, primarily, development is thought to be about skill-acquisition. So, it is felt that the distinction between taking the course and behaving differently in the work place parallels the distinction between skill-acquisition and skill-application. But can such a sharp distinction be maintained ? Skills are really acquired only in the context of applying them on the job, finding them effective and therefore, reinforcing them. The problem with courses is that they are events, while development is an on-going process which, involves, within a complex environment, continual interaction, regular feedback and adjustment. As we tend to equate development with a one-off event, it is difficult to get seriously motivated about the follow-up. Anyone paying for a course tends to look at follow-up as an unnecessary and rather costly frill.

PASSAGE II One may look at life, events, society, history, in another way. A way which might, at a stretch, be described as the Gandhian way, though it may be from times before Mahatma Gandhi came on the scene. The Gandhian reaction to all the grim poverty, squalor and degradation of the human being would approximate to effort at self-change and self-improvement, to a regime of living regulated by discipline from within. To change society, the individual must first change himself. In this way of looking at life and society, words too begin to mean differently. Revolution, for instance, is a term frequently used, but not always in the sense it has been in the lexicon of the militant. So also with words like peace and struggle. Even society may mean differently, being some kind of organic entity for the militant, and more or less a sum of individuals for the Gandhian. There is yet another way, which might, for want of a better description, be called the mystic. The mystic's perspective measures these concerns that transcend political ambition and the dynamism of the reformer, whether he be militant or Gandhian. The mystic measures the terror of not knowing the remorseless march of time:he seeks to know what was before birth, what comes after death. The continuous presence of death, of the consciousness of death, sets his priorities. and values: militants and Gandhians kings and prophets must leave all that they have built:all that they have un-built and depart when messengers of the buffalo-riding Yama come out of the shadows. Water will to water, dust to dust. Think of impermanence. Everything passes.

Question 191

What is the passage about?

- A personal management
- B development dilemma
- C management courses
- D course promoters' attitude

Answer: B

**Question 192**

**Which of the following statements is false?**

- A Some management trainers stress the need for follow-up and reinforcement on the job
- B Some suggest a follow-up training day to review the progress of the participants
- C Some go to the extent of briefing the participants' managers on what behaviour they should be reinforcing back on the job
- D The real problem is that course promoters view development as 'something which does not take place during a course'

**Answer: D**

**Question 193**

**The writer's attitude, as reflected in the passage, is**

- A critical
- B ironic
- C sympathetic
- D philosophical

**Answer: A**

**SSC CGL Free Mock Test**

**Question 194**

**The course promoters' attitude is**

- A self-righteous
- B indifferent
- C easy-going
- D unprogressive

**Answer: D**

**Question 195**

**The words 'mindset' here means**

- A determined mind
- B a (fixed attitude of mind)
- C an open mind
- D mindful

**Answer: B**

**Question 196**

**The Gandhian reaction to poverty is**

- A a total war on poverty
- B self-discipline
- C self-abnegation
- D a regulated distribution of wealth

Answer: B

## 125 SSC CGL Mocks for just Rs. 199

Question 197

According to Gandhianism, the individual who wants to change society

- A should destroy the existing society
- B must re-form society
- C must change himself
- D may change society without changing himself

Answer: C

Question 198

Who, according to the passage, finds new meaning for words like revolutions, peace and struggle?

- A A Gandhian who believes in nonviolent revolution
- B A militant
- C A mystic
- D A Gandhian who disciplines himself from within

Answer: D

Question 199

The expression 'water will to water, dust to dust' means

- A water and dust can mix well
- B man will become water after death
- C man will one day die and become dust
- D man will become dust and water after death

Answer: D

## SSC CGL Previous Papers (DOWNLOAD PDF)

Question 200

What does society mean to a Gandhian?

- A a sum of individuals
- B an organic entity
- C a regime of living regulated by discipline from within
- D a disciplined social community

Answer: A

**25 SSC CHSL Mocks for just Rs. 149**

**SSC CGL Free Mock Test**

**125 SSC CGL Mocks for just Rs. 199**

**SSC CGL Previous Papers (DOWNLOAD PDF)**

**25 SSC CHSL Mocks for just Rs. 149**

**SSC CGL Tier-2 Previous Papers PDF**

**SSC CGL Important Questions PDF**

**1500 + Free Must Solved SSC Questions (With Solutions)**

**General Science Notes for SSC CGL**

**Free SSC Study Material (18,000 Solved Questions)**

**SSC Exam Free Videos (Youtube)**

**SSC Free Preparation App**

**Daily Free SSC Practice Set**

**SSC CGL Free Online Coaching**

**SSC CHSL Previous Question papers (download pdf)**

**Free SSC Study Material (18,000 Solved Questions)**



**Latest Job Updates on Telegram - Join here**

**Join SSC Daily Quiz Telegram Group**