

# SSC CGL Tier Exam Analysis

4th March 2020  
Questions Asked in All Shifts



**Questions Asked in the General Awareness Section:**

1. Who is the current managing director of IMF? **Kristalina Georgieva**
2. Sucheta Kriplani was the chief minister of which state? **Uttar Pradesh**
3. Which among the following has released the book Karmayodha Granth which is based on the life of Modi? **Amit Shah**
4. Who chaired the island development agency meeting held in Jan 2020? **Amit Shah**
5. Which of the following are not the twin cities of India? **Hubli and**
6. Keynes, who gave the Keynes law, was from which country? **England**
7. Who was the first Governor of Madhya Pradesh? **Pattabhi Sitaramayya**
8. Who is appointed as the foreign secretary of India? **Harsh Vardhan Shringla**
9. Jawara dance is related to which state? **Madhya Pradesh**
10. Methane is also known as \_\_\_\_\_. **Marsh gas**
11. Jelly fish belongs to which family? **Ulmariidae**
12. Chhatrapati Shivaji Terminus was built in which year? **May 1888**
13. Who topped the Forbes list for the top 20 Indian in USA in terms of wealth? **Rakesh Gangwal**
14. Inscription of Samudragupta was written on which pillar? **Allahabad pillar**
15. In which state mission Indradhanush 2.0 was launched? **Bihar/ UP**

16. Which city is known as Athens of East? **Madurai**
17. Which of the following was the first capital of Magadh? **Rajagriha**
18. Which metal is most used in making gold medal for the Olympics? **Silver**
19. Who is the president of the World Bank? **David Malpass**
20. World Bank has predicted India's GDP to grow at \_\_\_\_\_5\_\_\_\_\_
21. Who got the Padma Shree in Archery in 2019? **Bombayla Devi Laishram**
22. Raja Rani Temple is situated in which state? **Bhubaneswar, the capital city of Odisha,**
23. Article 17 is related to \_\_\_\_\_  
untouchability .
24. The outer sphere of moon is called \_\_\_\_\_. **Hill sphere or Roche sphere**
25. Which of the following dance is not related to the state of Jammu and Kashmir? **Dandi**
26. Who has written the biography of Harshavardhana? **Banabhatta**
27. Capital of Magadh was shifted to \_\_\_\_\_ in 4th century BC. **Patliputra**
28. Which of the following artificial lake is situated in Gujarat? **Hamirsar Lake**
29. Which country did 3D printing the first artificial heart from heart cell? **Israel**
30. Who is the current Army chief of India? **Manoj Mukund Naravane**
31. Article 15 is related to \_\_\_\_\_  
**Prohibition of discrimination on grounds of religion, race, caste, sex or place of birth**



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32. xerophthalmia is caused by the deficiency of which vitamin? **Vitamin A**

33. Where is Asia's Largest Spice Market?  
**New Delhi**

34. Eiffel tower height increased in summer due to which reaction?- **thermal expansion**

35. Which of the following governor-general of India abolished the sati system? **William Bentick**

36. Who among the following cricketers has scored the triple century apart from Virendra Sehwag? **Karun Nair**

37. How many member countries are there in IMF? **189**

38. In which country Iranian General Qasem Soleimani was killed by the USA?  
**Baghdad, Iraq**

39. Vijaywada is situated on the bank of which river? **Krishna River**

40. Which among the following options are in the chronological order of Mughal empire? **Babur-->Humayun-->Akbar--> Jahangir--> Shahjahan-->Auranzeb**

41. Who is the current Governor of Kerala? **Arif Mohammed**

42. Article 370 is related to which state?  
**Jammu & Kashmir**

43. Who among the following got the Nobel prize in chemistry twice? **Friedrick Sanger**

44. Kalbeliya dance is related to which state? **Rajasthan**

45. Khelo India 2020 was held in which state? **Guwahati, Assam**

**Questions Asked in the English language & Comprehension Section:**

1. Antonym- Liberty. **Ans. Dependence**

2. Antonym - Revere **Ans. Despise**

3. One word substitution - One who doesn't obey any order. **Ans. Disobedient**

4. Idiom - Back to square one. **Ans. The idiom means "to go back to the beginning, after a dead-end or failure".**

5. Synonym - Serene. **Ans. calm, peaceful, and untroubled; tranquil.**

6. Spelling - comprise

7. Incorrect spelling - Consumption

8. Incorrect spelling - Treasure

9. Cloze test - topic = Man and his mistakes

10. Sentence Improvement - XYZ is one of the best (**college**).

11. Synonym - Probit

12. Idiom- In a dead heat

13. One word - moral principles that govern a person's behaviour **Ans. Ethics**

14. Active/passive - This book was written by Maya. **Ans. Maya wrote this book.**

15. Antonym - Broad **Ans. Narrow.**

16. Synonym - Prodigal  
**Ans. having or giving something on a lavish scale.**

17. Idiom - Bee knee  
**Ans. Excellent or very high quality**

18. Antonym - Obsolete  
**Ans. Contemporary**

19. Cloze test - on the topic - discipline and why is it necessary



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20. One word - One who loads and unloads packages from the ship.  
Ans: stevedore/docker/longshoreman

21. Spelling - Veterinary

22. Narration - The teacher said to me, "I haven't submitted the assignment."  
Ans. The teacher told me that he hadn't submitted the assignment.

23. One word - Uncontrolled concerted running as an act of mass impulse among herd animals or a crowd of people  
Ans. Stampede

24. Passive/Active - His sister taught him English subject.  
Ans. He was taught English subject by his sister.

25. Error spotting - When I reached the cinema hall, the movie had already began.  
Ans. error - change **began** to **begun**. We need a third form of verb with the auxiliary **had**.

26. Fill in the blanks - A reward is \_\_\_\_\_ which encourages an employee to achieve his goals.  
Options: Recognition/ memorial

27. Synonym - Acknowledgment  
Ans. Acceptance

28. Antonym - Fragile  
Ans. Robust

29. Idiom - to throw a fit  
Ans. to become very angry or worried.

30. Synonym - Fury  
Ans. Anger

31. Synonym - Solitary  
Ans. Lonely

32. Error spotting from - No sooner than

33. Error spotting with sentence structure like - I am **believing**

34. Cloze test- Passage was based on chocolate factory establishment

35. idiom - Hold water - To be calm or patient

36. Sentence improvement - Your advice (**benefit to me**).

37. One word- A conceited and self-centred person. Answer- Egoist

38. Antonym - sparse. Ans. Abundant

39. Spelling(Incorrect)- Ignorance

40. Spelling (incorrect) - Elicit

41. One word Substitution- a plane figure with eight straight sides and eight angles.  
Ans. octagon

**Questions Asked in the General Intelligence & Reasoning Section:**

1. Number series - 15, 17, 13, 19, 21, 17, ? Ans - 23

2. 17, 20, 15, 13, 13, ?Ans - 6

3. Number set : (139, 114, 109) Ans. Logic: -25, -5....

4. Syllogism:  
**Statements** : All car are rocket.  
Some car are bike.  
**Conclusions**: I. Some bike are car.  
II. Some rocket are car.  
Ans. Both I and II follows.

5. Analogy word : Bee : Hive : : Cow : ?  
Ans. Stable

6. Missing number:

5	8	15
41	100	<b>261</b>
4	6	6



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Logic: (1st column- square of 1st no. + square of 3rd no. = 2nd no.)

7. Select odd one out:

- Option A. TSR
- Option B. YWX
- Option C. RQP
- Option D. CBA

**Ans. YWX is odd one out. (logic: -1,-1)**

8. Counting of triangles?

**Total number of triangles = 22.**

9. Coding-Decoding:

If NOVEMBER was written as ONEVBMRE then how is THURSDAY written in the same language?

**Ans. HTRUDSYA (cross coding)**

10. Blood relation:

A is the father of B. C is the mother of D. E is the father of A. B & D are brothers. How is B related to E?

**Ans. B is the grandson of E.**

11. Fillers :

\_ SWS \_ WS \_ SWSSS \_ W

**Ans. WSSS**

Pattern formed will be : WS/ WSS/ WSSS/ WSSSS/W

12. Number series : 4, 25, 121, ?, 529, 961.

**Ans. Sq, of 17 = 289 (Logic: Square of prime numbers)**

13. If GUM is written as 49441169 then how is WAX coded in the same language?

**Ans. (Logic: Square of the place value of letter within the word).**

**So, WAX = 5291576.**

14. If PYTHON is coded as LMFRWN then how would you code RYTHM?

**Ans. RYTHM = KFRWP (logic: cross coding & -2, -2...)**

15. Word analogy:

Turmeric : Spices :: Dates : ?

**Ans. Dry fruit.**

16. Number analogy:

6 : 252 :: 5 : ?

**Ans. 210 (Logic: 6 x 42 = 252).**

17. Odd one out- (Logic : second no. is divisible by 1st no. except C).

Option A. 11 - 154

Option B. 5 - 155

Option C. **8 - 138 (Ans)**

Option D. 6 - 138

18. Arrangements (logical order):

1. mm

2. cm

3. km

4. meter

**Order will be- 1,2,4,3**

19. Odd one out; **Ans. C**

Option A. Rajkot

Option B. Ahmedabad

**Option C. Jadcherla (city in Telangana)**

Option D. Surat

Missing number:

**Ans. 464**

**20. Logic:** 11 - 1 cube = 1

28 - 2 cube = 8

327 - 3 cube = 27

So, 4 cube = 64, it becomes 464

5125 - 5 cube = 125

21. Syllogism:

**Statements:**

Some buses are cars.

All cars are trucks.

**Conclusions:**

1. All trucks are bus.

2. Some trucks are cars.

3. No car is truck.

**Ans. only II follows.**

22. Number series : 1537, 1539, 1543, ?, 1557

**Ans. 1549 (Logic- +2, +4, +6, +8)**

23. Number series : 10, 20, 43, ?

**Ans. 79 (Logic- +10, +23, +36/ +13, +13)**

24. Syllogism-

**Statements:** All Singer are Dancer.

No Dancer are Plumber.



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**Conclusions:**

1. Some Dancer is Singer. (true)
  2. Some Plumber is Singer.(false)
  3. No Singer is Plumber. (true)
- Ans. Both I and III follows.

25. Odd one out- All other are capitals of Indian states.

- Option A. Hyderabad
- Option B. Aurangabad (**odd one**) - city
- Option C. Chennai
- Option D. Gangtok

26. Analogy-

Dentist : Doctor :: Chemistry : ?  
Ans. **Science**

27. Letter analogy:

DAG : FCI :: HEK : ?  
Ans. JGM (addition of +2 in each letter)

28. Letter series : GI, IK, LN, ?

Ans. **PR**

Logic:

$G(+2) = I, I(+3) = L, L(+4) = P$   
 $I(+2) = K, K(+3) = N, N(+4) = R$

**29. Arrange the state according to the population?**

- UP
- MP
- Andhra Pradesh
- Arunachal Pradesh
- Himachal Pradesh

Ans. The correct order will be:

UP > MP > Andhra pradesh > Himachal pradesh > Arunachal Pradesh.  
1,2,3,5,4

**Questions Asked in the Quantitative Aptitude Section:**

1. A seller sells an article at 18% discount on MRP and gets 20% profit. If selling price is 216. Find the lost price

2. If  $\sec\theta - \tan\theta = x/y, 0 < x < y$   
Find the value of  $\sin\theta$

3. In triangle ABC  $\angle ABC = 68^\circ, \angle ACB = 32^\circ$ . External bisectors of  $\angle B$  and

$\angle C$  intersect at point P. find the angle BPC.

4.  $2x + 1, x + 2, 2$  and  $5$  are in proportion find the mean proportion of  $3.5(1 - x)$  and  $8(1 + x)$ .

5. If  $a + b + c = 1, ab + bc + ca = 3$  and  $abc = -135$  find the value of  $a^3 + b^3 + c^3$

6. In a right angle triangle ABC right angled at A.  $AC = 24$  cm and  $AB = 7$  cm. AD is perpendicular to BC and M is the midpoint of BC. Find AM : AD.

7. A conical tent having a base perimeter of 66 cm and a height of 36 cm. find the area of canvas required.

8. A seller gives a discount of 18% on marked price by how much percent should be mark-up so that he gain 66% profit?

9. If  $5x + 13x = 4$ , then  $9x^2 + 125x^2$ ?

10. PRT is a tangent to the circle, touches the circle at point R. SQ is a diameter of the circle which intersects the tangent at point T. If  $\angle QRT = 28^\circ$ , then what is the value of  $\angle SQR$ ?

11. A circle is drawn inside the quadrilateral ABCD, touches all the four sides of the quadrilateral. If  $AB = 7, CD = 2.4, AD = 4.2$ , then find the value of BC.

12. Two chords AB & CD of a circle are extended to meet at point P. If  $AB = 7$  cm,  $BP = 4.2$  cm,  $DP = 2.8$ , then what is the value of CD ?

13. A and B together can do the work in d days. A can do the work in 8 more days than A and B. B can do the work in 18 more days than A and B. If A alone started the work & left after 4 days, then remaining work will be completed by B in.



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14. If  $a + b + c = 7$ ,  $ab + bc + ca = -6$  then find the value of  $a^3 + b^3 + c^3 - 3abc$ ?

15. If a person covers a distance of 12 km in downstream, at the same time he covers a distance of 7 km in upstream. If the speed of the current is 3 km/hr, then in how much time a person covers a distance of 44.8 km in still water.

16. Two successive discounts are given on list price of Rs 740 and the final selling price is 566.10. If the first discount is of 15% and the second discount is of  $x\%$ , then what is the value of  $x$ ?

17. If  $30x^2 - 15x + 1 = 0$ , then  $25x^2 + 136x = ?$

18. Find the ratio of mean proportional of 14.4 & 3.6 to the third proportional of 3 & 4?

19. Find the value of  $3 \sec 2\theta \cdot \tan 2\theta + \tan 6\theta - \sec 6\theta$ ?

20. ABC is an isosceles triangle with  $AB = AC$ . A circle from point B touches the side AC at midpoint D and intersects the side AB at point E. If  $AE = 2.5$  cm, then what is the value of AB?

21. A person earns a profit of 20% after allowing two successive discounts of 25% & 20% on an article. If no discount is offered, the what would be his profit percent?

22. How many values of  $x$  are possible, when 732 is divided by  $x$  leaving remainder 12?

23. A can do the work in 30 days. B is 25% more efficient than A and C is 20% more efficient than B. If they all work together for 3 days, then B can complete the remaining work in :

24. If  $P = \text{Rs } 12000$ ,  $R = 8\%$  p.a and  $T = 258$  yr, then compound interest = ?

25. The ratio of boys to girls in a class is 7: 6. If 4 boys join the class and 3 girls left the class then the ratio becomes 4 : 3. What is the number of students initially?

26. An amount of Rs  $x$  is divided among 4 persons in the ratio  $1/3 : 1/5 : 1/6 : 1/9$ . If the difference between the shares of B & D is Rs 832, then find the total amount?

27. If  $\sec \theta + \tan \theta = p$ , then  $\frac{p^2 - 1}{p^2 + 1} = ?$

28. If  $x + y + z = 3$  and  $x^2 + y^2 + z^2 = 101$ , then  $\sqrt{x^3 + y^3 + z^3 - 3xyz} = ?$

29. A sells an article to B at a loss of 20%, B sells it to C at a profit of 12.5% and C sells it to D at a loss of 8%. If the cost price for D is 248.4, then what is difference of losses of A & C?

30. A sum of Rs 8000 amounts to Rs 9261 at the rate of 10% in some years when compounded half yearly. If the same amount is lent at double interest rate compounded annually for the same time, then find the compound interest?

31. A, B & C donate 8%, 7% & 9% respectively of their incomes. Incomes of A & B are equal & the difference between the donations of A & B is Rs 259. Donation of A & C is what percent of total income of A, B & C?

32. In a triangle ABC,  $\angle B = 72^\circ$ , &  $\angle C = 44^\circ$ . B is extended to D and bisectors of  $\angle B$  and  $\angle ACD$  intersect at point E. Find  $\angle BEC$ ?

33. Two chords AB & CD intersect at point E.  $AE = 12$  cm,  $EB = 20.25$  cm and  $CE = 3DE$ , find CE ?



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34. Two circles having radiuses 5 cm & 7 cm respectively, intersect each other. If the distance between their centers is 10 cm, then find the length of common chord

35. If  $(Ax + y + Bz)^2 = 2x^2 + y^2 + 8z^2 - 2\sqrt{2}xy + 4\sqrt{2}yz - 8zx$ , then  $A^2 + B^2 - AB = ?$

36. If SP is 80% more than C.P & discount offered is 10%. Find CP : MP ?

37. Area of regular hexagonal field is  $2400\sqrt{3}$  cm<sup>2</sup>. If rate of cost of fencing is 16.8 Rs/cm, then find the total cost of fencing.



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