Memory-Based Questions Asked in SSC CGL 14th July 2023 (All Shifts) (English PDF)

SSC CGL 2023 Tier 1 Exam Analysis (14 July 2023)

General Awareness

1. For types of algae and their kingdoms match the pair (eg: Blue green algae, red algae)

2. In 1901 who received the nobel prize in physics? Wilhelm Conrad Rontgen

3. Who played the instrument Sitar? Ravi Shankar, Anoushka Shankar, Annapurna Devi, Vilayat Khan

4. Which article in polity defined citizenship? Article 5

5. 1 current affairs from 2018

6. Who used to play Sitar?

7. According to 2011 - census - Poor state? Chhattisgarh

8. Current affairs - 4 to 5 (upto 3-4 yrs back)

9. In October 2021 who was the youngest wrestler in the silver tournament?

10. Women Football cup hosted in which country 2023? Australia and New Zealand

11. From which of the following states Tapi river does not flow?

12. Arrange states in terms of Tribal population.

13. One question related to folk dance. Mallika Sarabhai is the Indian dancer of which dance form? Kuchipudi and Bharatanatyam

14. One question given related to the type of reproduction in parasites.

15. Ancient name of the Jhelum river was asked. Vitasta

16. Ryotwari system is related to? Land revenue

17. Hierarchy of Brahmana in the Chola empire was called?

18. When was the Battle of Chanderi fought? (who lost)

Ans: 20 June 1528, Between Medini Rai and Babur, Won: Babur

19. One Question related to Chemistry Equation

20. Who transfers the High Court Judge?

Ans: President

21. Where were the 2021 National Games held?

Ans: Not Held in 2021 due to pandemic held in 2022 in Gujarat.

22. One Question Related to Musical Instruments

23. One Question Related to Dance Form (Guru Bipin Singh is famous dancer of which state dance)?

24. Manipuri

25. Which was the Republic Day in which guests were not invited?

Ans: 1952, 1953 and 1966

26. What is the definition of rancidification?

Ans: Rancidification is the process of complete or incomplete autoxidation or hydrolysis of fats and oils when exposed to air, light, moisture, or bacterial action, producing short-chain aldehydes, ketones and free fatty acids

27. Kanchenjunga lies between which ranges?

Ans: Great Himalayan Range

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28. Which of the following is Red algae?

29. No president in 2 years?

30. 2020 - youth games held in which state? Guwahati

31. 1 question related to folk dance

32. Total 4-5 current affairs questions. (1 was on govt scheme)

33. Which element or atomic number of element is present in Row 2 column 17 in periodic table?

34. Coolant used in large hadron collider - options: helium, nitrogen,argon, chlorine

35. Full form of Mudra yojana

Ans: Full Form of Mudra (Micro Units Development & Refinance Agency Ltd)

36. Who is related to Javelin throw ? - Neeraj Chopra

37. Who was the 1st advocate of India?

38. Biology - cell related

39. Which of the following is not rock - sedimentary, igneous, etc.

40. 1 question from Dance forms

41. 1 question from 42nd amendment

42. Calcium was named after ? (Latin term calx)

43. After how many years Australia was beaten by India in Fortress Gabba in Cricket test championship?

Ans: 32 years

Maths

1. Time and work que : A 10 days, B 15 days C 30 days. all three in how many days ?

2. Total 3 question from time and work.

Time and work: A and B work on alternative days for 5 days. A left after 5 days. A and B individually completes work in 30 and 25 days. Find in how many days B will complete the work.

Circle based question. $(PT^2) = PA * PB*$. Find value of PT?

3. Race 1 que

4. $4b + 1/7B = 10, find\ 16b^2 + 1/49b^2$

5. Mensuration question. Radius is given, distance from centre to chord given, Find chord length?

6. Mensuration: Radius =4.2 find the volume of sphere?

7. 1 Geometry Que based on Congruency of triangles

8. sin(A+B) = 1, cos(A-B) = ½, A = ?

9. The price of an article is increased by 25%, by how much percent should the price be decreased so that there is no profit no loss.

10. The speed of 900 m long train is 72 km/hr. How much time will it take to cover the platform of length 900 m.

11. $[6^{25} + 6^{26} + 6^{27} + 6^{28}]$ is divisible by:

12. Which of the following discount is better: a: buy 3 get 4 and b: buy 5 get 6.

13. One question on Successive discount

14. DI based on pie chart

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15. Circumradius of a right angled triangle

16. One question of mean proportion.

17. 3 questions on time and work

18. A thief stole a jewellery at 3 am and run away at the speed of 57 km/hr . The police start chasing the thief at 4 am with the speed of 76 km/hr at what time police caught the thief.

19. 4 women and 7 girls earns Rs 18200 in 9 days and 13 girls and 9 men earns Rs 13000 in 14 days. How many Rs will one woman earn in 13 days.

20. A fraud shopkeeper weighs 940 g instead of 1 kg and sell the item at 4% profit. Find the total profit.

21. If a + b + c = 0, then $a^3+b^3+c^3$=?

22. Total surface area of cube is 24. Find the volume of cube.

23. The length of the perpendicular distance from the centre of the circle on a chord of length 40 cm is 21 cm. Find the radius of the circle.

24. The age of father is 7 times of his daughter. After 7 years his age is 3 time of his daughter. Find the present age of daughter.

25. 1 question related to age

26. 1 question from profit and loss

27. 1 Q from time and work

28. 1 Q from Pipe and cistern

29. 2 Qs from speed, time and Distance

30. 2 Qs from Trignometry

31. Cos 30 + sin 30 + tan 30 = ?

32. x + 1/x = 7

x6 + 1/x6 = ?

33. 1 Q from Mensuration - Find the diameter of the cone? Volume was given.

Reasoning

1. Arrangement of Words - Dictionary based(5 words were given)

2. Cube and dice - 2 Questions (3 position of dice were given) opposite face asked

3. Analogy - 2 Question => 1 - letter based 2- number based

4. Figure series - 1 Q

5. Embedded figure - 1Q - Question figure is embedded in given options

6. Math op - 2Q (Sign interchange)

7. Odd one out - 2 question - letter and number based

8. Syllogism - 1 Q => 3 statements were given

9. Number Series - 2 Q Difference based (prime numbers) and

A.P. based

10. Letter series - 1Q

11. Blood Relation - 1 Q => Pointing based (Ans - Cousin)

12. Coding Decoding - 1 Q => Letter based (+4, +3 ….)

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13. Mirror image - 1Q => Alphabetical Lower image was asked so basically water image.

Coding and decoding - TOP = 102 then MAT = ? (logic =place value multiply by 2)

Coding and decoding TABLE = BUMCF then find for a _____

3 dice given and opposite of 1 ?

14. Verbal reasoning based 1Q easy

15. Number Series - 2Q (Difference based)

16. Letter based - 3 letter series

17. Mirror image - 1Q

18. Blood Relation - paragraph based

19. Embedded figure - 1Q - question figure is embedded in the given options

20. Which of the following is leap year

21. Number series

22. Number Analogy

23. Coding Decoding- 2 Questions , letter to number based

24. Figure Series - elements rotating clockwise direction

25. Math op - Sign interchange

26. Arrangement of words - dictionary based

27. Mirror image - 1Q

28. Syllogism - 1Q => 2 statements
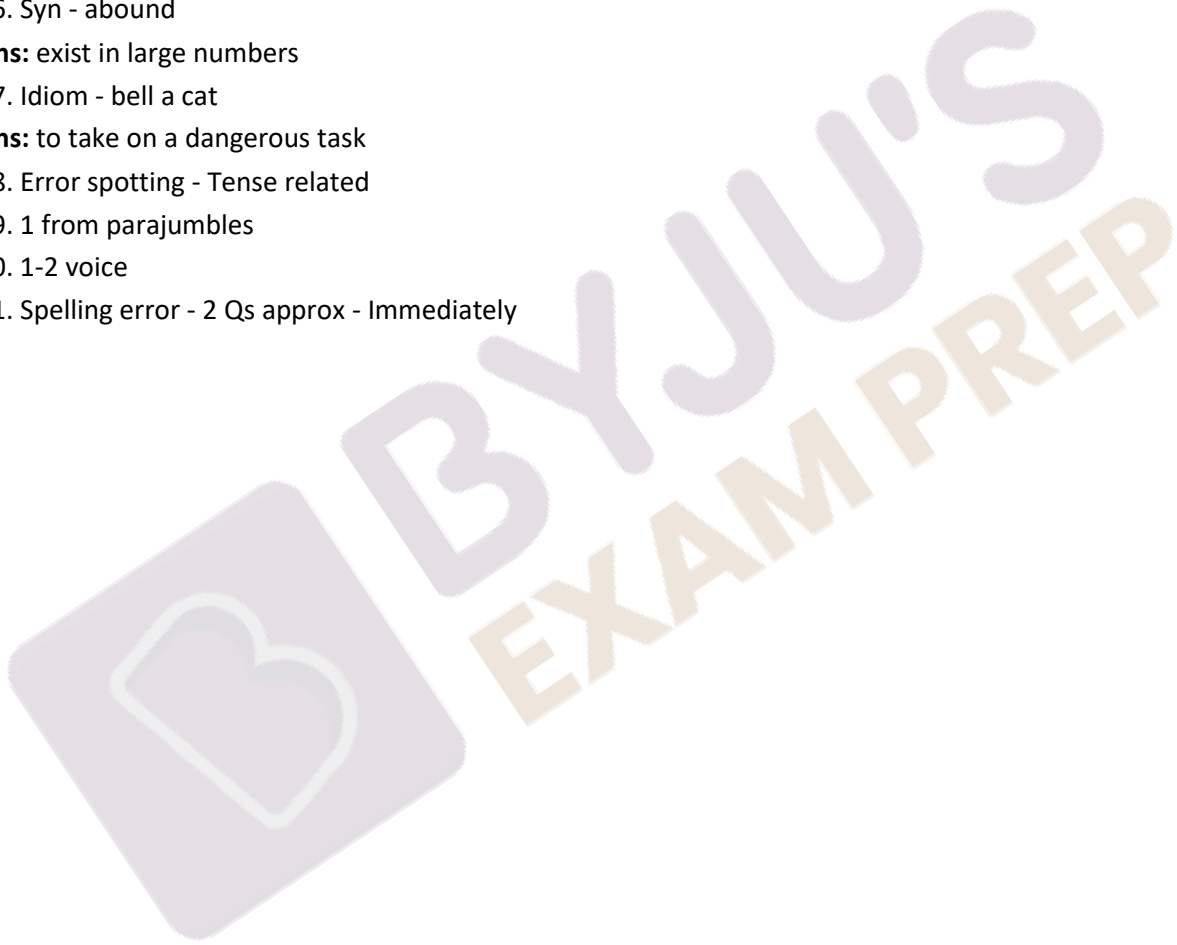
English

1. The Cloze test was story based. (5 ques)

2. 2-3 parajumbles

3. Error spotting - subject verb agreement and preposition based

4. Feeble - syn

5. Arrogant - syn/ant

6. No narration based question - as per students

7. Idiom - lily livered

Ans: pl

8. 2 Voice (1 was based on won't)

9. Spelling error - appropriation

10. Sentence improvement - tense based

11. Hands are tied - Idiom

12. Optimistic - ant/syn

13. Callous - anty

14. Gullible - ant/syn

15. Idiom - kick the bucket

16. Spelling error - sentence based

17. Cloze test was related to Solar system - specifically Sun

18. 2 parajumbles - lengthy and easy

19. 1-2 voice

20. 1 narration ques

21. Error spotting - 1 - tenses

22. Sentence imp 1-2

23. Fill in the blanks

24. Cloze test is based on global warming

25. Curtail - Antonym

Ans: Elongate

26. Syn - abound

Ans: exist in large numbers

27. Idiom - bell a cat

Ans: to take on a dangerous task

28. Error spotting - Tense related

29. 1 from parajumbles

30. 1-2 voice

31. Spelling error - 2 Qs approx - Immediately