

SSC CGL Free Mock-4 [Held on 1st December]

Q1. In the following question, select the related word pair from the given alternatives.

Chair : Furniture : : ? : ?

(a) Trouser : Garment

(b) Ostrich : Rodent

(c) Pen : Writer

(d) Amphibian : Whale

Q2. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

2.

M, N, O, L, R, I, V, ?

(a) A

(b) E

- (c) F
- (d) H

Q3. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

PERPENDICULAR, ERPENDICULA, RPENDICUL, ?

- (a) PENDICUL
- (b) PENDIC
- (c) ENDIC
- (d) None of these

Q4. Fill in the missing place

- ba __ cb <mark>__ b __ bab_</mark>
- (a) acbb
- (b) bacc
- (c) bcaa
- (d) cabb

Q5. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre and A and P are at the ends. R is sitting on the left of A. then who is sitting on the right of P?

- (a) A
- (b) S (c) X
- (d) Z
- (u) L

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Q6. Pointing towards a girl in the picture, Sunita said, "She is the mother of Renu, whose father is my son." How is Sunita related to that girl in the picture?

- (a) Mother
- (b) Aunt
- (c) None of these
- (d) Data inadequate

Directions(7-8) : Study the following information carefully to answer this question:

- $A \times B$ means "A is father of B"
- $A \div B$ means "A is daughter of B"
- A + B means "A is sister of B"
- A B means "A is husband of B"

Q7. In $F \div R \times H - L$, how is H related to F?

- (a) Father
- (b) Brother
- (c) Sister
- (d) Cannot be determined

4.7 Q8. Which of the following indicates "N is mother of K"?

- (a) $K + L \div N \times F$ (b) $K + L \div N - M$
- (c) $H \times K \div N$
- (d) $N \times F + K$

Q9. I am facing east. I turn 100° in the clockwise direction and then 145° in the anti clock wise direction. Which direction am I facing now?

- (a) East
- (b) North-east
- (c) North
- (d) South-west

Q10. In the following question, select the related word pair from the given alternatives

Walking : Running :: Smiling : ?

- (a) Feeling
- (b) Laughing
- (c) Face
- (d) Weeping

Q11. 'Arbitrator' is related to 'settlement' in the same way as 'Lawyer' is related to '___'?

- (a) Justice
- (b) Injustice
- (c) Communication.
- (d) Advocate.

Direction(12): In question below is given a statement followed by two assumption number I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumption and decide which of the assumptions implicit in the statement.

Q12. Statement: Please send an official letter rather than semi official on this subject this time.

Assumption:

(a)

(b)

C)

d

I. The format and emphasis of different type of letter is different.

II. We can send different type of letter on the same subject.

- (a) if only assumption I is implicit.
- (b) if only assumption II is implicit.
- (c) if either assumption I or II is implicit.
- (d) if both assumption I and II are implicit

Q13. Select the figure that will come next in the following figure series.

Directions(14) : Figure A and B are related in a particular way or manner. Establish the same relationship between C and D choosing from five alternatives.

Q14.								
	₽	° ° ° ° ° °	?	0 0 0 0		0 0 0 0	°00	0 0 0 0
(a) 1 (b) 2 (c) 3 (d) 4	(b)	(c)	(d)	1	2	3	4	5



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Directions (15) : In each of the following questions you are given a figure followed by four alternatives(1), (2), (3) and (4). Choose the alternatives which is closely resembles the water image of the given combination.



Directions (16) : Following question has four alternatives, among which one completes the figures.



Q18. If > denotes +, < denotes -, + denotes \div , ^ denotes ×, - denotes =, × denotes > and = denotes <, choose the correct statement of the following:

(a) 13 > 7 < 6 + 2 = 4⁴
(b) 9 > 5 > 4 - 18 + 9 > 16
(c) 9 < 3 < 2 > 1 × 8²
(d) 28 + 4² = 6⁴ + 2

Q19. Insert the arithmetical operations in the following numerical figure-

 $4_3_4 = 48$ (a) + + $(b) \times +$ (c) + - $(d) \times \times$

Directions(20) : Select the missing number from the given responses.

Q20.



Directions(23) : Arrange the following words as per order in the dictionary.

Q23. (1) Electrolysis (2) Electrotyping (3) Electrician (4) Electroplating (5) Electrification (a) 5, 3, 1, 4, 2 (b) 3, 5, 1, 4, 2 (c) 5, 3, 2, 4, 1 (d) 3, 5, 4, 1, 2

Q24. Identify the region that represents students studying Biology and Computer not mathematics. Question Figure



Q25. Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?



Q26. Bronze statue of dancing girl has been excavated at:

- (a) Mohenjodaro
- (b) Harappa
- (c) Chanhudaro
- (d) Kalibangan

Q27. Coins of which Muslim ruler have been image of Devi Lakshmi?

- (a) Muhammad Ghori
- (b) Iltutmish
- (c) Alauddin Khilji
- (d) None of these

Q28. The building known as Purana Qila at Delhi were built by

- (a) Babur
- (b) Firoz Tughlaq
- (c) Sher Shah
- (d) Shahjahan

Q29. The freedom fighter who died in jail due to hunger strike was?

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- (a) Ram Prasad Bismil
- (b) Bipin Chandra Pal
- (c) Jatin Das
- (d) C.R. Das

Q30. Which is the longest river of Europe?

- (a) Danube
- (b) Volga
- (c) Dnieper
- (d) Rhine

Q31. The active volcano of India is

- (a) Sandwich
- (b) Keating point
- (c) Barren Island
- (d) Ellice

Q32. Which is the largest producer of Bauxite in the world?

- (a) China
- (b) India
- (c) Australia
- (d) Brazil



HINDI

Q33. What is the other name of the highest range in the Western Ghats?

- (a) Pir Panjal
- (b) Siwalik range
- (c) Sahyadris
- (d) Namcha Barwa

Q34. The idea of concurrent list in the Indian Constitution has been borrowed from?

- (a) USA
- (b) Switzerland
- (c) Australia
- (d) U.S.S.R.

Q35. Which article is related to Special Address by the President?

- (a) Article 4
- (b) Article 75
- (c) Article 26
- (d) Article 87

Q36. Tarapore committee was associated with which one of the following?

- (a) Special Economic Zone
- (b) Fully Capital Account Convertibility
- (c) Effect of Oil-prices on the Indian economy
- (d) Foreign Exchange Reserve

Q37. NASSCOM is the organization of companies of which sector?

- (a) Media
- (b) Mobile phone service
- (c) Information technology
- (d) Automobiles

Q38. Sound travels in the form of

- (a) Transverse waves
- (b) Longitudinal waves
- (c) Stationary waves
- (d) None of the above

Q39. Which of the following is not an electromagnetic wave?

- (a) X-rays
- (b) Radio wave
- (c) Microwave
- (d) None of the above

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Q40. Carborundum is a compound of

- (a) Ca
- (b) Ge
- (c) Si
- (d) S

Q41. Which one of the following mixtures is homogeneous?

- (a) Starch and sugar
- (b) Methanol and water
- (c) Graphite and charcoal
- (d) Calcium carbonate and calcium bicarbonate

Q42. Alum is used as

- (a) An analgesic
- (b) A fertilizer
- (c) A disinfectant
- (d) A purifier for water

Q43. Golden rice has the highest quantity of

- (a) Vitamin A
- (b) Vitamin B
- (c) Vitamin C
- (d) Vitamin K

Q44. The main function of the Golgi body is

- (a) Respiration
- (b) To begin cell division
- (c) To produce gastric juice
- (d) Processing of proteins

Q45. Which of the following is a national animal of Nepal?

- (a) Tiger
- (b) Elephant
- (c) Buffalo
- (d) Cow

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Q46. Who has been sworn-in as new President of Sri Lanka?

- (a) Gotabaya Rajapakasa
- (b) Priyantha Sirisena
- (c) Namal Rajapaksa
- (d) Karu Jayasuriya



Q47. Which state government has launched virtual class's project?

- (a) Chhattisgarh
- (b) Jharkhand
- (c) Uttarakhand
- (d) Bihar

Q48. Which state government has decided to organize 2019 World Kabaddi Cup?

- (a) Tripura
- (b) Kerala
- (c) Tamil Nadu
- (d) Punjab

com Q49. The 2019 International Lavi fair was held in which district of Himachal Pradesh?

- (a) Shimla
- (b) Hamirpur
- (c) Kangra
- (d) Kullu

Q50. Brazil is hosting the 2019 BRICS summit under which theme?

- (a) BRICS: 4th Industrial Revolution
- (b) BRICS: Economic Growth for an Innovative Future
- (c) BRICS: Unite for Climate Awareness
- (d) BRICS: Nature & Future

Q51. On selling an article at the rate of 800Rs. A person losses 27% of its selling price. At what price should he sell it to gain 17% on its cost price?

- (a) 1188.72 Rs.
- (b) 1296.72 Rs.
- (c) 1196.72 Rs.
- (d) 1197.72 Rs.

Q52. XR is a tangent to a circle with centre O and R being a point on the circumference of the circle. XO is extended till the point it touched the circle at point P. $\angle XRP = 135^{\circ}$ find $\angle PQR$. Q being the point where line XP cuts the circle.

- (a) 40°
- (b) 50°
- (c) 20°
- (d) 45°

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Q53. Sin(135^\circ - \theta) + cos(270^\circ + \theta) + sin \theta + cos(45^\circ + \theta) =
(a) 0
(b) 2\sin\theta + \cos\theta
(c) \sqrt{2}cos\theta + sin\theta
(d) \sqrt{2}cos\theta + 2sin\theta
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Q54. Ratio of efficiency of A, B and c is 7 : 8 : 10, overall amount to be distributed among them be Rs2500. What is the amount gained by B.

(a) Rs. 700

- (b) Rs. 800
- (c) Rs. 900
- (d) Rs. 1000

Q55. If the total income of 16 persons is Rs80800 and the income of one of them is 120% of the average income then his income is ?

- (a) 5050 Rs.
- (b) 6060 Rs.
- (c) 6160 Rs.
- (d) 6600 Rs.

Q56. 10 is equal to 1.01% of 76.92% of what?

- (a) 1287
- (b) 169
- (c) 338
- (d) 1218

Q57. A truck covers a distance of 452km in 7 hours 32 mins. What is 60% of the average speed of the truck in km/hr.

- (a) 54km/hr
- (b) 24km/hr
- (c) 60km/hr
- (d) 36km/hr

Q58. The ratio of the ages of A and B four years ago was 3 : 7 . Eight years from now the ratio of the ages of A and B will be 9 : 11. What is the sum of their present ages

- (a) 16 years
- (b) 24 years
- (c) 36 years
- (d) 8 years

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- Q59. In \triangle ABC, E and F are points on AB and AC. AB×FC = AC×EB . If angle ABC is 123° what is the, value of angle FEB (a) 123°
- (b) 90°
- (c) 61°
- (d) 57°

Q60. If, $5 - \sin^2 \theta - 6\cos \theta = 0$, $0^{\circ} \angle \theta \angle 90^{\circ}$, then the value of $\sec \theta + \tan \theta =$

(a) $\frac{2+\sqrt{24\sqrt{5}-53}}{6+2\sqrt{5}}$ (b) $\frac{2-\sqrt{24\sqrt{5}-52}}{6+2\sqrt{5}}$ (c) $\frac{2+\sqrt{24\sqrt{5}-52}}{6-2\sqrt{5}}$ (d) None of these

Q61. A person buys 150 articles with some amount. If the price of an article is increased by 50% and the amount he is having now is increased by 25%. What is the quantity of articles which he can buy now ?

(a) 135 (b) 130 (c) 125 (d) 120 Q62. If $(11\sqrt{11}x^3 - 81\sqrt{3}y^3) \div (\sqrt{11}x - 3\sqrt{3}y) = ax^2 + by^2 + cxy$ then the value of $(9a + 3b - 3b) = ax^2 + by^2 + cxy$ $\frac{1001 \times 2002 \times 3003}{27}$ is $c\sqrt{33}$) is (a) 71 (b) 81 (c) 64 (d) 121 Q63. Find the remainder of (a) 16 (b) 21 (c) 48 (d) 22

Q64. In a city 45% of the men are married and 25% of women are married. Considering that nobody is married more than once. What percent of population is married?

(a) $31\frac{4}{13}\%$ (b) $35\frac{5}{14}\%$ (c) $32\frac{1}{7}\%$ (d) $31\frac{1}{14}\%$

Q65. Average weight of 17 players of a team is 22 kg. If a player leave the team then the average becomes 23 kg then find the weight of that player

(a) 4kg

(b) 6kg

(c) 5kg

(d) 8 kg

Q66. $\frac{2 + \tan^2 \theta + \cot^2 \theta}{\sec \theta \csc e c \theta}$ is equal to (a) $\cot \theta$ (b) $\cos \theta$ (c) $\sec \theta \csc e \theta$ (d) $\tan \theta$

Q67. P and Q together can do a job in 6 days. Q and R can finish the same job in 60/7 days. P started the work and worked for 3 days. Q and R continued for 6 days. Then the difference of days in which R and P can complete the job is

(a) 15 (b) 10 (c) 8 (d) 12

Directions(68–70) : Read the following pie–chart carefully and answer the following questions. Pie-chart shows percentage distribution of employees of ADDA247 in different cities.(total 5600 employees working in different – cities).



Q68. Fi<mark>nd the ratio of average</mark> of Bhopal and Pune's employees to Gurgaon and Laxmi Nagar's employees

- (a) 32 : 55
 (b) 55 : 32
 (c) 11 : 16
- (d) 16 : 11

Q69. If some new recruitments made in pune and Rajasthan branch and angle become 155.04° of both. Find the number of new employee.

(a) 352

(b) 250

(c) 300

(d) 400

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Q70. If company transfers $11\frac{1}{9}\%$ of Gurgaon employees to Pune. after that same percent of Pune's Employees transfer to Rajasthan find the new percent of Rajasthan's employees?

- (a) 16%
- (b) 12%
- (c) $14\frac{2}{9}\%$
- (d) $15\frac{2}{9}\%$

Q71. A polygon has 65 diagonals the number of sides in the polygon is

- (a) 10
- (b) 16
- (c) 13
- (d) 12

Q72. The distance between two places A & B is 148 km. from both places at same time two boat starts towards each other. If one boat is going upstream and other one is downstream. After how much time will they meet each other if their speeds are 20 and 17 km/hr respectively?

- (a) 3
- (b) 2
- (c) 5
- (d) None of these

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73. If \frac{\cos \alpha}{\cos \beta} = m and \frac{\cos \alpha}{\sin \beta} = n then the value of (m^2 + n^2) 2\cos^2 \beta is:
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- (a) 2n²
- (b) m²
- (c) mn
- (d) n²

74. Th<mark>e ratio of the weights of</mark> two spheres is 8 : 125 and the ratio of weights per 1 cc of materials of two is 8 : 1. T<mark>he ratio of the radii of t</mark>he spheres is

- (a) 2 : 5
- (b) 1 : 5
- (c) 5 : 1
- (d) 5 : 2

75. On a ground, there is a vertical tower with a flagpole on its top. At a point 12 m away from the foot of the tower, the angles of elevation of the top and bottom of the flagpole are 60° and 30° respectively. The height of the flagpole is

(a) $5\sqrt{3}$ m (b) $8\sqrt{3}$ m (c) $6\sqrt{3}$ m (d) $6\sqrt{5}$ m

Q76. Given below are four jumbled sentences. Select the option that gives their correct order.

A. Of the set temperature, high-quality thermostats to control.

B. They come with smart features like remote control, digital display.

C. Made of high-quality materials, these heaters will surely let you enjoy a relaxing bath at the desired water temperature.

D. The temperature accurately, high pressure withstanding capacity and a 5-star rating.

- (a) CABD
- (b) CDBA
- (c) BACD
- (d) CBAD

Q77. In the sentence identify the segment which contains the grammatical error.

Fitted with Italian gas valves for total safety, it offers choice of(A) / enamelled and brass burners, toughened glass with a 5-year warranty, multi-spark auto ignition(B) / and come in varied sizes, shapes and colors.(C) / No Error(D) 5000

- (a) A
- (b) B
- (c) C
- (d) D

Q78. Select the wrongly spelt word.

- (a) Sororal
- (b) Mispresion
- (c) Bunkum
- (d) Brackish

Q79. Select the most appropriate meaning of the given idiom.

Stick in one's throat

- (a) ignore completely
- (b) to become very angry
- (c) to make the final point in an argument
- (d) difficult to accept

Q80. Select the word which means the same as the group of words given.

Given to or characterized by gross excess in drinking or eating

- (a) Facultative
- (b) Crapulous
- (c) Gratis
- (d) Gullible



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Q81. In the sentence identify the segment which contains the grammatical error.

As a result, large apertures are(A) / required for amplifiers to obtain(B) / output power higher enough.(C) / No Error(D)

- (a) A
- (b) B
- (c) C
- (d) D

Q82. Improve the bracketed part of the sentence.

In 1978, two teenage siblings hitched a ride only(to kidnap and killed) by two criminals, Rajat and Manoj, who had stolen the car.

- (a) to be kidnapped and kill
- (b) to kidnap and be killed
- (c) to be kidnapped and killed
- (d) No improvement

Q83. Select the most appropriate word to fill in the blank.

Our coasts are by rising sea levels and extreme weather events, while the loss of Himalayan glaciers will affect 580 million people in the Ganga river basin alone.

- (a) unscathed
- (b) threatened
- (c) garnished
- (d) enriched

Q84. Select the antonym of the given word.

GORMLESS

- (a) Dull
- (b) Curvy
- (c) Flat
- (d) Brainy

Q85. Select the synonym of the given word.

VITREOUS

- (a) glassy
- (b) cunningly
- (c) hazy
- (d) harshly

Direction: In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Wayanad district sessions judge A. Harris _____ the school on Friday and surveyed the sorry state of the school and _____ premises. He said it was unfortunate. "We are taking the situation seriously," he told reporters.

Meanwhile, the District Disaster Management Authority(DDMA) has ordered that the authorities take steps to ensure the safety of students in schools and anganwadis _____ the district.

In an urgent order issued on Saturday, the District Collector, _____ is also the DDMA Chairman, directed that the authorities take urgent steps to renovate decrepit classrooms in all schools and anganwadis. The order was issued as per the Disaster Management Act, a press release said. The order also instructed secretaries of local self-government institutions to ensure that educational institutions under their 2.00 jurisdiction _____ safe.

Q86. Wayanad district sessions judge A.	Harris the school	l on Friday
(a) transferred		

- (b) visited
- (c) saw
- (d) paid

Q87. Surveyed the sorry state of the school and _ premises

- (a) its
- (b) it's
- (c) his
- (d) their

Q88. Safety of students in schools and anganwadis _____ the district.

- (a) at
- (b) for
- (c) in
- (d) from

Q89. In an urgent order issued on Saturday, the District Collector,

- is also the DDMA Chairman
- (a) which
- (b) whom
- (c) who
- (d) whose

Q90. Institutions to ensure that educational institutions under their jurisdiction _____safe.

(a) was

(b) were

(c) had

(d) is



HINDI

Q91. Select the synonym of the given word.

RETENTIVE

- (a) forgetful
- (b) mindful
- (c) hateful
- (d) stressed

Direction(92-93) : In the following questions, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

Q92. The wedding planner is making all the reservations.

- (a) All the reservations are being make by the wedding planner.
- (b) All the reservations are made by the wedding planner.
- (c) All the reservations are to be made by the wedding planner.
- (d) All the reservations are being made by the wedding planner.

Q93. I shall have my car sold.

- (a) My car will have been sold.
- (b) My car will be sold by me.
- (c) My car will have been sold by me.
- (d) My car will sell by me.

Q94. Given below are four jumbled sentences. Select the option that gives their correct order.

A. How noise pollution is being tackled at the district level.

B. Of stubble burning during winter, and.

C. The model DEP covers seven thematic areas by capturing basic information on 64 parameters through 220 data points.

D. Such as the state of various waste treatment facilities, encroachment on rivers and floodplains, incidents.

- (a) CBDA
- (b) CDBA
- (c) BACD
- (d) DABC

Q95. Select the word with the incorrect spelling.

- (a) Mettle
- (b) Mellee
- (c) Malinger
- (d) Mollify

Q96. Select the most appropriate meaning of the given idiom.

Catch-22

- (a) Best chance of progressing
- (b) Situation full of positive aspects
- (c) A dilemma with no escape
- (d) To catch red handed

Q97. Improve the bracketed part of the sentence.

A shotgun, unless used at very close range, is only(likely to be damaged) a fox rather than kill it outright.

- (a) likely to damaging
- (b) likely damage
- (c) likely to damage
- (d) No improvement

Q98. Select the most appropriate word to fill in the blank.

The trouble is a strong leader with persuasive oratory can easily ability or even inclination to make up their own minds on issues.

- (a) swipe
- (b) strut
- (c) sway
- (d) sigh

Q99. Select the antonym of the given word.

DISAVOW

- (a) Renege
- (b) Abjure
- (c) Annul
- (d) Approve

Q100. Select the word which means the same as the group of words given.

Showing or motivated by susceptibility to bribery

- (a) Venal
- (b) Dandy
- (c) Coy
- (d) Creek



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simple folk who have little