PREVIOUS YEAR PAPER

SSC CGL 2018 Tier I — 10 June 2019, Shift 2

SSC CGL · 10 June 2019 · 1:00 PM - 2:00 PM

78 of the paper's 100 questions · +2 for a correct answer, −0.5 for a wrong one · 60 minutes

Left out of the original paper: 22 (any question that needs a figure or formatting we cannot show, has no answer in the response sheet, or could not be checked against a second copy of the paper).

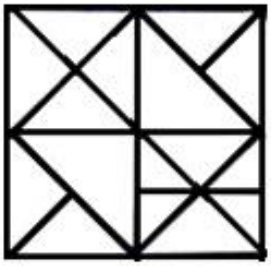
Questions from the Staff Selection Commission's paper of 10 June 2019, 1:00 PM - 2:00 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-cgl/previous-year-papers/ssc-cgl-2018-tier-1-10-jun-shift-2/

General Intelligence and Reasoning

3.

How many triangles are there in the following figure?



(a) 34

(b) 32

(c) 36

(d) 24

Answer: (a)

8.

Three of the following four number-pairs are alike in a certain way and one is different. Pick the odd one out.

(a) 56 : 49

(b) 64 : 54

(c) 104 : 91

(d) 32 : 28

Answer: (b)

10.

In a code language, COMPUTER is written as IVGFKNLX. How will TELEPHONE be written in that language?

(a)
VMNSKVOVG

(b)
GVOVKSLMV

(c)
VMLSKUOVG

(d)
VMLSKVOVG

Answer: (d)

11.

Select the term that will come next in the following series.

3, 4, 5, 6, 9, 10, 11, 12, 15, ?

(a)
16

(b)
17

(c)
14

(d)
18

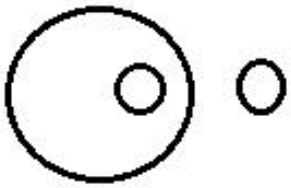
Answer: (a)

12.

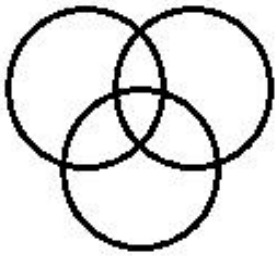
Select the Venn diagram that best represents the relationship among the given set of classes.

Students, Teachers, School

(a)



(b)



(c)

(d)

Answer: (d)

15.

Select the option that is related to the third number in the same way as the second number is related to the first number.

12 : 68 :: 21 : ?

(a)

49

(b)

117

(c)

119

(d)

79

Answer: (c)

17.

Select the option that will come next in the following series.

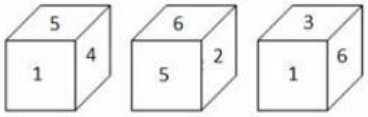
BOP, DPN, FQL, HRJ, ?

(a)
JSH
(b)
JSI
(c)
ISH
(d)
ITI

Answer: (a)

18.

Three different positions of a dice are shown below. Which number appears on the face opposite number 3?



(a)
5
(b)
6
(c)
2
(d)
4

Answer: (a)

19.

Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

(a)
POWZ
(b)
KNQT
(c)
FILO
(d)
QTWZ

Answer: (a)

21.

If EAGER is coded as 51759 then how will CADET be coded?

(a)
31457

(b)
34157

(c)
31547

(d)
31450

Answer: (a)

22.

Arrange the following words in a logical and meaningful order.

1) Egypt
2) Africa
3) Great Pyramid
4) World
5) Giza

(a)
3, 5, 2, 1, 4

(b)
3, 5, 1, 2, 4

(c)
5, 3, 1, 2, 4

(d)
5, 3, 1, 4, 2

Answer: (b)

General Awareness

1. Who became the first Indian player to represent India at the Wimbledon Tennis Championship of Independent India?

(a) Vijay Amritraj

(b) Leander Paes

(c) Ramanathan Krishnan

(d) Ramesh Krishnan

Answer: (c)

2. World Global Recycling Day was observed on _____ in 2019.
   (a) 2nd January
   (b) 16th February
   (c) 18th March
   (d) 10th February
   Answer: (c)

4. Viyahula Giddha' is a popular folk dance performed during marriages in the Indian state of _____ .
   (a) Odisha
   (b) Jharkhand
   (c) Punjab
   (d) Gujarat
   Answer: (c)

5. Who among the following became the first woman to win the Abel Prize 2019?
   (a) Julia Robinson
   (b) Karen Uhlenbeck
   (c) Sophie Germain
   (d) Maryam Mirzakhani
   Answer: (b)

6. Silent Valley National Park is located in the Indian .e of _____.
   (a) Uttarakhand
   (b) Kerala
   (c) Madhya Pradesh
   (d) West Bengal
   Answer: (b)

7. What is the popular name of 'Ascorbic Acid'?
   (a) Vitamin B12
   (b) Vitamin A
   (c) Vitamin K
   (d) Vitamin C
   Answer: (d)

8. In which year did Independent India win its first Olympic Gold in the game of hockey?
   (a) 1960
   (b) 1956
   (c) 1948
   (d) 1952
   Answer: (c)

9. Which of the following countries has the largest parliament in the world?
   (a) UK
   (b) Japan
   (c) India
   (d) China
   Answer: (d)

10. Which of the following is a vestigial organ?
   (a) Lungs
   (b) Kidney
   (c) Heart
   (d) Appendix
   Answer: (d)

11. Mahatma Gandhi formed the Natal Indian Congress in the year _____.
   (a) 1874
   (b) 1894
   (c) 1854
   (d) 1863
   Answer: (b)

12. The explosion of crackers is an example of _____.
   (a) Combustion
   (b) Evaporation
   (c) Decomposition
   (d) Precipitation
   Answer: (a)

13. Which of the following Indian islands lies in the Bay of Bengal?
   (a) Diu
   (b) Andaman and Nicobar
   (c) Daman
   (d) Lakshadweep
   Answer: (b)

14. The First Anglo-Burmese War ended with the signing of the _____.
   (a) Treaty of Purandar
   (b) Treaty of Salbai
   (c) Treaty of Titalia
   (d) Treaty of Yandabo
   Answer: (d)

15. What is the dominant chemical present in vinegar?
    (a) Ethanoic acid
    (b) Formic acid
    (c) Sulphuric acid
    (d) Malic acid
    Answer: (a)

16. Which one of the following is the brightest star in the Orion Constellation?
    (a) Eta Orionis
    (b) Betelgeuse
    (c) Alnilam
    (d) Rigel
    Answer: (d)

17. What is the name given to the graph that shows all the combinations of two commodities that a consumer can afford at given market prices and within the particular income level in economic terms?
    (a) Supply Curve
    (b) Budget Line
    (c) Isocost Line
    (d) Demand Curve
    Answer: (b)

18. The Bangladesh Liberation War ended on _____.
    (a) 14th November 1972
    (b) 17th October 1971
    (c) 2nd October 1974
    (d) 16th December 1971
    Answer: (d)

19. How many members are present in the Sri Lankan parliament?
    (a) 225
    (b) 215
    (c) 210
    (d) 232
    Answer: (a)

20. Who among the following was the first Indian origin recipient of the prestigious Pulitzer Prize?
    (a) Geeta Anand
    (b) Siddhartha Mukherjee
    (c) Gobind Behari Lal
    (d) Jhumpa Lahiri
    Answer: (c)

21. What is the geographic name given to a deep and narrow valley consisting of steep sides created by weathering and erosion by rivers, wind, rain and tectonic activity?
    (a) Ridge
    (b) Buttes
    (c) Basin
    (d) Canyon
    Answer: (d)

22. Of which Indian state is 'Gamocha' a cultural symbol?
    (a) Assam
    (b) Kerala
    (c) Haryana
    (d) Rajasthan
    Answer: (a)

23. Who among the following was the first president of Pakistan?
    (a) Ayub Khan
    (b) Zulfikar Ali Bhutto
    (c) Iskander Mirza
    (d) Yahya Khan
    Answer: (c)

24. An economic condition when there is one buyer and many sellers is called _____.
    (a) Oligopoly
    (b) Monopoly
    (c) Perfect Competition
    (d) Monopsony
    Answer: (d)

25. Who authored ‘A Century is not Enough’in 2018?
    (a) Sachin Tendulkar
    (b) Virat Kohli
    (c) MS Dhoni
    (d) Sourav Ganguly
    Answer: (d)

Quantitative Aptitude

1.

An article is sold for ₹528 after successive discounts of 20% and 12%. What is the marked price of the article?

(a)

₹760

(b)

₹740

(c)

₹750

(d)

₹780

Answer: (c)

2.

The table below shows the number of students enrolled in five colleges over the five years (2010 to 2014).

Colleges / Year	A	B	C	D	E
2010	400	270	350	430	470
2011	430	300	330	450	490
2012	370	250	360	470	410
2013	410	310	370	420	430
2014	420	290	340	480	480

What is the average number of students studying in college D over t ven years?

(a)

450

(b)

420

(c)

430

(d)

440

Answer: (a)

3.

A train without stoppage travels with an average speed of 50 km/h, and with stoppage, it travels with an average speed of 40 km/h. For how many minutes does the train stop on an average per hour?

(a)
12

(b)
13

(c)
14

(d)
15

Answer: (a)

7.

If $\sec 4\theta = \operatorname{cosec}(\theta + 20^\circ)$, then θ is equal to:

(a)
22°

(b)
18°

(c)
14°

(d)
20°

Answer: (c)

8.

In a circle with centre O, AB is the diameter and CD is a chord such that ABCD is a trapezium. If $\angle BAC = 40^\circ$, then $\angle CAD$ is equal to:

(a)
15°

(b)
20°

(c)
50°

(d)
10°

Answer: (d)

10.

$\Delta ABC \sim \Delta RQP$ and AB = 4 cm, BC = 6 cm and AC = 5 cm. If ar (ΔABC) : ar $(\Delta PQR) = 9 : 4$, then PQ is equal to:

(a)

$\frac{20}{9}$ cm

(b)

$\frac{8}{3}$ cm

(c)

4 cm

(d)

$\frac{10}{3}$ cm

Answer: (c)

11.

The table below shows the number of students enrolled in five colleges over the five years (2010 to 2014).

Colleges / Year	A	B	C	D	E
2010	400	270	350	430	470
2011	430	300	330	450	490
2012	370	250	360	470	410
2013	410	310	370	420	430
2014	420	290	340	480	480

In the year 2014, what percent of students were enrolle [illegible] (correct to one decimal place)?

(a)

16.9%

(b)

17.3%

(c)

16.7%

(d)

17.1%

Answer: (a)

12.

The radius of a sphere is reduced by 40%. By what percent will its volume decrease?

(a)

60%

(b)

64%

(c)

72.5%

(d)

78.4%

Answer: (d)

13.

If $\sqrt{x} - \frac{1}{\sqrt{x}} = 4$, then $x^2 + \frac{1}{x^2}$ is equal to:

(a)

192

(b)

326

(c)

322

(d)

256

Answer: (c)

14.

The table below shows the number of students enrolled in five colleges over the five years (2010 to 2014).

Colleges / Year	A	B	C	D	E
2010	400	270	350	430	470
2011	430	300	330	450	490
2012	370	250	360	470	410
2013	410	310	370	420	430
2014	420	290	340	480	480

What is the ratio of the total students enrolled in colleges A and B in the year 2012 to the total students enrolled in colleges D and E in the year 2013?

(a)

62 : 85

(b)

62 : 88

(c)

63 : 86

(d)

58 : 63

Answer: (a)

15.

The price of sugar is increased by 20%. A person wants to increase his expend by 8% only. By what percent should he decrease his consumption?

(a)

10%

(b)

11%

(c)

9%

(d)

12%

Answer: (a)

17.

From a point P outside a circle, PAB is a secant and PT is a tangent to the circle, where, A, B and T are points on the circle. If PT = 5 cm, PA = 4 cm and AB = x cm, then x is equal to:

(a)

2.25 cm

(b)

2.75 cm

(c)

2.45 cm

(d)

1.75 cm

Answer: (a)

18.

The average marks of 40 students was found to be 68. If the marks of two students were incorrectly entered as 48 and 64 instead of 84 and 46 respectively, then what is the correct average?

(a)

68.25

(b)

68.15

(c)

68.45

(d)

68.35

Answer: (c)

19.

If $a + b + c = 13$ and $ab + bc + ca = 54$, then $a^3 + b^3 + c^3 - 3abc$ is equal to:

(a)

793

(b)

273

(c)

91

(d)

182

Answer: (c)

22.

The difference between the compound interest and simple interest on ₹ x at 8% per annum for 2 years is ₹19.20. What is the value of x?

(a)

2,500

(b)

3,200

(c)

2,800

(d)

3,000

Answer: (d)

23.

The table below shows the number of students enrolled in five colleges over the five years (2010 to 2014).

Colleges / Year	A	B	C	D	E
2010	400	270	350	430	470
2011	430	300	330	450	490
2012	370	250	360	470	410
2013	410	310	370	420	430
2014	420	290	340	480	480

The number of students studying in college E in the year 2013 is approximat hat percent of the number of students studying in colleges B, C and D taken together in the year 2013 (nearest to ecimal place)?

(a)

38.2%

(b)

38.6%

(c)

39.1%

(d)

39.4%

Answer: (c)

24.

In Δ ABC, AD is the median and G is a point on AD such that AG : GD = 2 : 1. Then ar $(\Delta$ BDG$)$: ar $(\Delta$ ABC$)$ is equal to:

(a)
$1:4$

(b)
$1:9$

(c)
$1:6$

(d)
$1:3$

Answer: (c)

25.

If the six digit number $15x1y2$ is divisible by 44, then $(x+y)$ is equal to:

(a)
8

(b)
7

(c)
6

(d)
9

Answer: (b)

English Comprehension

1. Select the most appropriate meaning of the underlined idiom in the given sentence.

Coming from an affluent family, she found herself a square peg in a round hole when she married a poor farmer and moved to a small village.

(a) in a favourable situation

(b) in a financial crisis

(c) unhappy and regretful

(d) a misfit in the environment

Answer: (d)

2. Select the most appropriate meaning of the underlined idiom in the given sentence.

When his envious competitor extended a hand of friendship, he smelt a rat.

(a) behaved arrogantly
(b) detected something wrong
(c) felt very pleased
(d) became complaisant

Answer: (b)

3. Select the correctly spelt word.

(a) consenteous
(b) conscentious
(c) conscientious
(d) concentious

Answer: (c)

4. Select the most appropriate synonym of the given word. VINDICTIVE

(a) forceful
(b) watchful
(c) revengeful
(d) helpful

Answer: (c)

5. Select the correctly spelt word.

(a) challange
(b) chalenge
(c) challenge
(d) challeng

Answer: (c)

6. Given below are four jumbled sentences. Select the option that gives their correct order.
A. European cloth manufacturers therefore had to depend on a plant called woad to make dyes.
B. However, cloth dyers preferred indigo which produced a rich blue colour.
C. Being a plant of the temperate zones, woad was easily available in Europe.
D. Indian indigo was very expensive and only small quantities reached the European markets.

(a) CBDA
(b) DACB
(c) DCAB
(d) ACBD

Answer: (b)

7. Select the correct passive form of the given sentence. He is clicking good pictures with his new camera.

(a) Good pictures are clicked with his new camera.

(b) Good pictures have been clicked with his new camera.

(c) Good pictures were clicked with his new camera.

(d) Good pictures are being clicked with his new camera.

Answer: (d)

8. Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

Biologists believe that increased human activity means an accelerated rate of change in habitat for all creatures of the world.

(a) human activities mean an acelerated rate from change

(b) No improvement

(c) human activity is meaning an acelerated rate of change

(d) human activity meant a acelerated rate in change

Answer: (b)

Passage — for questions 9–13

> 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.
>
> Telling someone something that you admire about the can be called a random act (1)_____ kindness. It takes almost no (2)_____, yet it pays enormous dividends. Many people (3)_____ their entire lives wishing that others would (4)_____ them. Expectations are more from family and friends, (5)_____, even compliments from strangers feel good when they are genuine.

9. Select the most appropriate option to fill in blank No.1.

(a) in

(b) from

(c) with

(d) of

Answer: (d)

10. Select the most appropriate option to fill in blank No.2.

(a) effort

(b) venture

(c) attempt

(d) work

Answer: (a)

11. Select the most appropriate option to fill in blank No.3.
    (a) spent
    (b) spend
    (c) had spent
    (d) have been spending

    Answer: (b)

12. Select the most appropriate option to fill in blank No.4.
    (a) acknowledge
    (b) admit
    (c) concede
    (d) confess

    Answer: (a)

13. Select the most appropriate option to fill in blank No.5.
    (a) and
    (b) so
    (c) unless
    (d) however

    Answer: (d)

14. Select the most appropriate antonym of the given word. AFFINITY
    (a) aversion
    (b) preference
    (c) attraction
    (d) empathy

    Answer: (a)

15. Select the most appropriate synonym of the given word. PENSIVE
    (a) tragic
    (b) spontaneous
    (c) reflective
    (d) spiteful

    Answer: (c)

16. Select the most appropriate antonym of the given word. ACCEPT
    (a) acquire
    (b) release
    (c) reject
    (d) obtain

    Answer: (c)

17. Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

A reason why <u>there are so much misconception on dyslexia</u> could be the sheer invisibility of the disorder.

(a) there are so many misconceptions about dyslexia
(b) there are so many misconception around dyslexia
(c) No improvement
(d) there are so much misconceptions against dyslexia

Answer: (a)

18. In the sentence identify the segment which contains the grammatical error. No sooner did he see the tiger when he ran as fast as he could.

(a) when he ran
(b) as fast as he could
(c) no sooner did
(d) he see the tiger

Answer: (a)

19. Select the word which means the same as the group of words given. Something which is fit to be eaten

(a) edible
(b) tasty
(c) delicious
(d) unpalatable

Answer: (a)

20. In the sentence identify the segment which contains the grammatical error. The match is about to begin since the captain as well as the team are on the field.

(a) are on the field
(b) as well as the team
(c) The match is about to begin
(d) since the captain

Answer: (a)

21. Select the word which means the same as the group of words given. Something which cannot be understood

(a) incomprehensible
(b) infallible
(c) illegible
(d) inexplicable

Answer: (a)

22. Given below are four jumbled sentences. Select the option that gives their correct order.
A. Here, the picture perfect French Quarter and heritage laden Tamil streets blend into one another.
B. The conflict of coexistence is evident in many metropolitan cities.
C. The old and new, like two different worlds, surviving side by side yet never crossing that chasm.
D. There is a place though- Puducherry, where contrasts are celebrated like nowhere else.

(a) BACD
(b) BCDA
(c) DCBA
(d) CDAB

Answer: (b)

23. Select the correct active form of the given sentence. Let the bell be rung every forty minutes.

(a) Ring the bell every forty minutes.
(b) The bell ought to be rung every forty minutes
(c) The bell should be rung every forty minutes
(d) Let the bell keep ringing every forty minutes.

Answer: (a)

24. Select the most appropriate option to fill in the blank. Technology can be _____ and people seem to be more attached to screens than ever before.

(a) addictive
(b) contagious
(c) infatuated
(d) incorrigible

Answer: (a)

25. Select the most appropriate option to fill in the blank. People of the older generation _____ over the good old school days.

(a) retribute
(b) reminisce
(c) remind
(d) remember

Answer: (b)

Answer key

Answer key as marked in the Staff Selection Commission's response sheet. "—" means the sheet did not show it clearly.

General Intelligence and Reasoning

3	**(a)**	8	**(b)**	10	**(d)**	11	**(a)**	12	**(d)**	15	**(c)**	17	**(a)**	18	**(a)**
19	**(a)**	21	**(a)**	22	**(b)**										

General Awareness

1	**(c)**	2	**(c)**	4	**(c)**	5	**(b)**	6	**(b)**	7	**(d)**	8	**(c)**	9	**(d)**
10	**(d)**	11	**(b)**	12	**(a)**	13	**(b)**	14	**(d)**	15	**(a)**	16	**(d)**	17	**(b)**
18	**(d)**	19	**(a)**	20	**(c)**	21	**(d)**	22	**(a)**	23	**(c)**	24	**(d)**	25	**(d)**

Quantitative Aptitude

1	**(c)**	2	**(a)**	3	**(a)**	7	**(c)**	8	**(d)**	10	**(c)**	11	**(a)**	12	**(d)**
13	**(c)**	14	**(a)**	15	**(a)**	17	**(a)**	18	**(c)**	19	**(c)**	22	**(d)**	23	**(c)**
24	**(c)**	25	**(b)**										

English Comprehension

1	**(d)**	2	**(b)**	3	**(c)**	4	**(c)**	5	**(c)**	6	**(b)**	7	**(d)**	8	**(b)**
9	**(d)**	10	**(a)**	11	**(b)**	12	**(a)**	13	**(d)**	14	**(a)**	15	**(c)**	16	**(c)**
17	**(a)**	18	**(a)**	19	**(a)**	20	**(a)**	[illegible]	**(a)**	22	**(b)**	23	**(a)**	24	**(a)**
25	**(b)**												