PREVIOUS YEAR PAPER

SSC CGL 2018 Tier I — 13 June 2019, Shift 3

SSC CGL · 13 June 2019 · 4:00 PM - 5:00 PM

83 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: 17 (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 13 June 2019, 4:00 PM - 5:00 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-1-13-jun-shift-3/

General Intelligence and Reasoning

5.

If 'J' is coded as '20' and 'BAT' is coded as '46' then how will 'CRICKET' be coded?

(a)
138

(b)
158

(c)
142

(d)
140

Answer: (a)

6.

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

19 : 400 :: 24 : ___

(a)
652

(b)
566

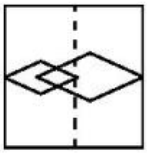
(c)
676

(d)
625

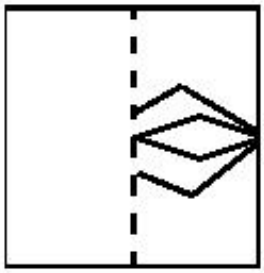
Answer: (d)

7.

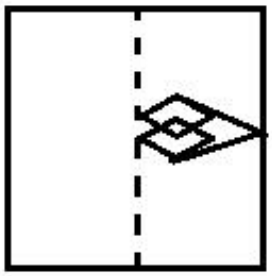
Given here is a square transparent sheet with a pattern on it. How would the pattern appear when the transparent sheet is folded on the dotted line?



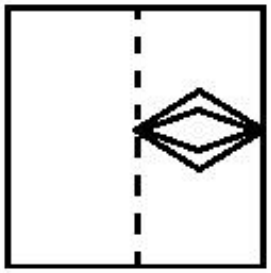
(a)



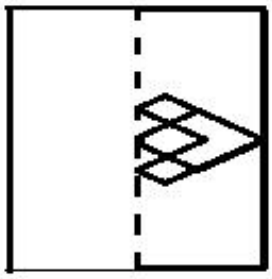
(b)



(c)



(d)



Answer: (d)

8.

A cube coloured pink on all faces is cut into 27 small cubes of equal sizes. How many cubes are painted on one face only?

(a)
4
(b)
3
(c)
8
(d)
6

Answer: (d)

9.

Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

_ c _ bd _ cbcda _ a _ db _ a

(a)
bdbcba
(b)
adabcd
(c)
cdcbad
(d)
acbcad

Answer: (b)

10.

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

11, 13, 17, 23, 31, 41, 53, 67, 83, ?

(a)
101
(b)
97
(c)
110
(d)
100

Answer: (a)

11.

In a code language, FRIEND is written as GQJDOC. How will PEACE be written in that language?

(a)

QDBDF

(b)

ODBBF

(c)

QFBBF

(d)

QDBBF

Answer: (d)

12.

Select the correct mirror image of the following word when the mirror is placed to the right of the word.

HINT

(a)

TIИH

(b)

HINT

(c)

TNIH

(d)

TИIH

Answer: (d)

14.

ACCIDENT is related to TNEDICCA in the same way as PASSENGER is related to '_____'.

(a)

REGNSESAP

(b)

REGNESSAP

(c)

REGMESSAP

(d)

RGENESSAP

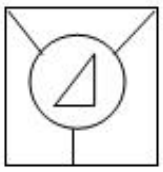
Answer: (b)

15.

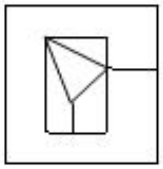
Select the figure in which the given figure is embedded.

(a)

(b)



(c)



(d)

Answer: (d)

18.

Select the letter-cluster that is related to the third letter-cluster in the same way that the second letter-cluster is related to the first letter-cluster.

AFKP : BGLQ :: GLQV : ?

(a)
HMRW

(b)
HNRW

(c)
HKRW

(d)
HMPW

Answer: (a)

19.

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

(a)
E

(b)
V

(c)
I

(d)
U

Answer: (b)

22.

Select the option that will fill in the blank and complete the given series.

0, 7, 26, 63, 124, 215, 342, 511, 728, ___

(a)
996

(b)
1001

(c)
999

(d)
1000

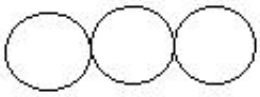
Answer: (c)

24.

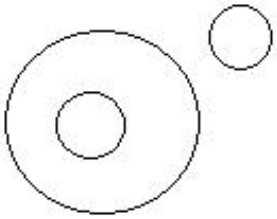
Choose the Venn diagram which best illustrates the relationship among the three given classes:

Fruit, Vegetable, Apple

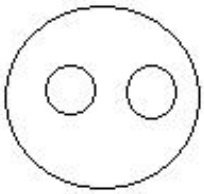
(a)



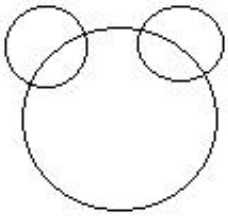
(b)



(c)



(d)



Answer: (b)

25.

If you wrote down all the numbers from 1 to 99, then how many times would you have written '7'?

(a)

19

(b)

11

(c)

21

(d)

20

Answer: (d)

General Awareness

1. The Micro, Small and Medium Enterprises Development Act was passed in the year ____.
   (a) 2004
   (b) 2002
   (c) 2008
   (d) 2006
   Answer: (d)

2. People above the age of _____ years are NOT eligible for the Pradhan Mantri Shram Yogi Mandhan Yojana.
   (a) 50
   (b) 60
   (c) 40
   (d) 45
   Answer: (c)

3. An adult human body has _____ bones.
   (a) 208
   (b) 312
   (c) 300
   (d) 206
   Answer: (d)

4. Which team won the Ranji Trophy 2018-19?
   (a) Kerala
   (b) Saurashtra
   (c) Vidarbha
   (d) Karnataka
   Answer: (c)

5. The movement of the local farmers of Bardoli in Gujarat against the British in 1928 was led by _____.
   (a) Jawaharlal Nehru
   (b) Vallabhbhai Patel
   (c) Lal Bahadur Shashtri
   (d) Lokmanya Tilak
   Answer: (b)

6. _____ was named the cleanest city in the 'Swachh Survekshan Survey 2019'.
   (a) Mysuru
   (b) Ujjain
   (c) Surat
   (d) Indore
   Answer: (d)

7. The Khadi and Village Industries Commission Act was passed in the year _____.

(a) 1964

(b) 1965

(c) 1948

(d) 1956

Answer: (d)

8. In 2015, aircraft maker Boeing developed a metal called _____, which is lighter than air and stronger than steel.

(a) Microlattice

(b) Molybdenum

(c) Titanium

(d) Iridium

Answer: (a)

9. Who was the first Indian to win the Miss Universe title?

(a) Sushmita Sen

(b) Reita Faria

(c) Madhu Sapre

(d) Persis Khambatta

Answer: (a)

10. Name the oldest operating port in India built by the British East India Company.

(a) Vishakapatnam Port

(b) Kolkata Port

(c) Mumbai Port

(d) Chennai Port

Answer: (b)

11. The East India Company sent Captain William Hawkins to the court of Emperor _____ in 1608 to seek permission to open a factory at Surat.

(a) Jahangir

(b) Shah Jahan

(c) Akbar

(d) Humayun

Answer: (a)

12. The approximate diameter of the sun is _____ times the diameter of Earth.

(a) 123

(b) 109

(c) 146

(d) 92

Answer: (b)

13. _____ is a hearing-impaired Indian golfer who won her first professional title at the age of 18. In March 2019, she became the second Indian woman golfer to win on the 'Ladies European Tour'.

(a) Gursimar Badwal

(b) Vani Kapoor

(c) Aditi Ashok

(d) Diksha Dagar

Answer: (d)

14. As of 2018, India is the leading milk producing country in the world, accounting for approximately _____ of the global market share.

(a) 22%

(b) 17%

(c) 19%

(d) 15%

Answer: (c)

15. What was the historical name of the city of Guwahati?

(a) Machilipattnam

(b) Bhagyanagara

(c) Purushapura

(d) Pragjyotishpur

Answer: (d)

16. _____ was the first Chief Election Commissioner of India.

(a) Sunil Arora

(b) M S Gill

(c) T N Seshan

(d) Sukumar Sen

Answer: (d)

17. _____ is the hottest planet in the solar system.

(a) Mercury

(b) Earth

(c) Mars

(d) Venus

Answer: (d)

18. Wilson's disease is an inherited disorder in which excessive amounts of _____ accumulate in the body.

(a) iron

(b) calcium

(c) sodium

(d) copper

Answer: (d)

19. The Ayushman Bharat Scheme introduced by the Government of India provides medical coverage of upto ₹ _____ per family per year.

(a) 1 lakh
(b) 2 lakhs
(c) 7 lakhs
(d) 5 lakhs

Answer: (d)

20. The Pradhan Mantri Shram Yogi Mandhan Yojana ensures old age protection for unorganised workers whose monthly income is less than or equal to _____.

(a) ₹ 12,000
(b) ₹ 10,000
(c) ₹ 20,000
(d) ₹ 15,000

Answer: (d)

21. Name the westernmost point of India.

(a) Dahod
(b) Ghuar Mota
(c) Bharuch
(d) Amreli

Answer: (b)

22. During the Sao Joao festivities, Goans present _____ to each other.

(a) beer
(b) fruits
(c) fish
(d) flowers

Answer: (b)

23. The 'Instrument of Surrender' which ended the Portuguese rule in India was signed on _____.

(a) 29th December 1951
(b) 15th August 1947
(c) 19th December 1961
(d) 26th January 1948

Answer: (c)

24. Name the smallest district in India.

(a) Hailakandi
(b) Alirajpur
(c) Mahe
(d) Guntur

Answer: (c)

25. Which of the following is NOT a part of the 'Char Dham Yatra' in North India?
    (a) Kedarnath
    (b) Badrinath
    (c) Vaishno Devi
    (d) Gangotri
    Answer: (c)

Quantitative Aptitude

1.
PA and PB are tangents to a circle with centre O, from a point P outside the circle, and A and B are points on the circle. If $\angle APB = 40^\circ$, then $\angle OAB$ is equal to:

(a)
50°
(b)
20°
(c)
25°
(d)
40°
Answer: (b)

3.
If the radius of the circumcircle of an equilateral triangle i[illegible] e measure of radius of its incircle is:

(a)
8 cm
(b)
12 cm
(c)
16 cm
(d)
4 cm
Answer: (d)

4.

3 men, 4 women and 6 boys together can complete a work in 6 days. A woman does triple the work a man does and a boy does half the work a man does. How many women alone will be able to complete this work in 4 days?

(a)
9

(b)
6

(c)
8

(d)
7

Answer: (a)

5.

Table shows the percentage distribution of the expenditure incurred on different items for publishing a book.

Item of expenditure	Percentage of expenditure
Paper	25
Printing	20
Binding	20
Royalty	15
Promotion	10
Transportation	10

Expenditure on Royalty is less than that on Printing by:

(a)
20%

(b)
25%

(c)
15%

(d)
10%

Answer: (b)

6.

If $x + \frac{1}{x} = 5$, then $x^3 + \frac{1}{x^3}$ is equal to:

(a)
110

(b)
130

(c)
125

(d)
145

Answer: (a)

8.

$9\frac{3}{4} \div [2\frac{1}{6} \div \{4\frac{1}{3} - (2\frac{1}{2} + \frac{3}{4})\}]$ is equal to:

(a)
$\frac{15}{4}$

(b)
3

(c)
$\frac{39}{8}$

(d)
4

Answer: (c)

9.

Table shows the percentage of marks obtained by seven students in six different subjects in an examination. The numbers in the brackets are the maximum marks in each subject.

Student	Subject (Max. Marks)					
	Maths (150)	Chemistry (130)	Physics (120)	Geography (100)	History (60)	Computer Science (40)
A	90	50	90	60	70	80
B	100	80	80	40	80	70
C	90	60	70	70	90	70
D	80	65	80	80	60	60
E	80	65	85	95	50	90
F	70	75	65	85	40	60
G	65	35	50	77	80	80

What are the average marks obtained by all the seven students in Physics? (Correct to two decimal places)

(a)

91.16

(b)

93.14

(c)

77.26

(d)

89.14

Answer: (d)

10.

If $(x-5)^3 + (x-6)^3 + (x-7)^3 = 3(x-5)(x-6)(x \quad)$, then what is the value of x?

(a)

18

(b)

6

(c)

5

(d)

7

Answer: (b)

11.

If $a^3 - b^3 = 208$ and $a - b = 4$, then $(a + b)^2 - ab$ is equal to:

(a)
32

(b)
38

(c)
52

(d)
42

Answer: (c)

12.

The average of 27 numbers is zero. Out of them, how many may be greater than zero, at the most?

(a)
0

(b)
15

(c)
26

(d)
20

Answer: (c)

13.

A starts walking at 4 kmph and after 4 hours, B starts cycling from the same point as that of A, in the same direction at 10 kmph. After how much distance from the starting point will B catch up with A (Correct to two decimal places)?

(a)
24.67 km

(b)
26.67 km

(c)
25.67 km

(d)
23.67 km

Answer: (b)

14.

In ΔABC, $\angle A = 50°$. Its sides AB and AC are produced to the point D and E. If the bisectors of the $\angle CBD$ and $\angle BCE$ meet at the point O, then $\angle BOC$ will be equal to:

(a)

$65°$

(b)

$75°$

(c)

$40°$

(d)

$55°$

Answer: (a)

16.

The value of $\left[\frac{\sin^2 24° + \sin^2 66°}{\cos^2 24° + \cos^2 66°} + \sin^2 61° + \cos 61° \sin 29°\right]$ is:

(a)

3

(b)

1

(c)

2

(d)

0

Answer: (c)

17.

If 85% of a number is added to 75, then the result is the number itself. The number is:

(a)

500

(b)

200

(c)

300

(d)

100

Answer: (a)

18.

If a sum amounts to ₹2,190 in four years and ₹2,409 in five years at compound interest, when the interest is compounded yearly, then the annual rate of interest is:

(a)

8%

(b)

10%

(c)

9%

(d)

11%

Answer: (b)

19.

A earns ₹180 per hour and works for 7 hours per day. B earns ₹160 per hour and works for 5 hours per day. What is the ratio of per day wages of A and B?

(a)

40 : 61

(b)

33 : 20

(c)

20 : 30

(d)

63 : 40

Answer: (d)

20.

Table shows the sales of books (in thousands) from six branches of a publishing company during 2000 and 2001.

Branches / Year	B1	B2	B3	B4	B5	B6
2000	80	75	95	85	75	70
2001	105	65	110	95	95	80

What is the total sales of books from branches B1, B3 and B6 together for both the years (in thousands)?

(a)

650

(b)

240

(c)

310

(d)

540

Answer: (d)

23.

Table shows the annual Expenditure of a Company (in Lakh Rupees) over the years.

Item of Expenditure / Year	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

What is the average amount of Interest on loans (in Lakh rupees) which the company paid during the period 1998 to 2002?

(a)

33.72

(b)

34.18

(c)

32.43

(d)

36.66

Answer: (d)

25.

If $3\cos^2 A + 7\sin^2 A = 4$, then what is the value of cot A, given that A is an acute angle?

(a)

1

(b)

$\sqrt{3}$

(c)

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

(d)

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

Answer: (b)

English Comprehension

1. Select the most appropriate option to fill in the blank. Colours, they say have the power to calm, pacify and relax; they can energise, activate and _____.

(a) involve

(b) enrage

(c) envigorate

(d) interest

Answer: (c)

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

"These glasses suit you to a T ," said Ria to Vandana.

(a) make you look weird

(b) look very good on your face

(c) need to be worn with a suit

(d) are not suitable for your work

Answer: (b)

4. Given below are four jumbled sentences. Select the option that gives their correct order.
A. Once the formalities are done, you can start using your account and save time and money.
B. Opening a bank account can seem intimidating.
C. Getting your account opened is just a matter of providing certain details and funding your account.
D. Fortunately, most banks follow a standardized process.

(a) CBDA

(b) BDCA

(c) BADC

(d) ADBC

Answer: (b)

5. Select the correctly spelt word.

(a) chooj

(b) chuse

(c) chooze

(d) choose

Answer: (d)

6. Select the word which means the same as the group of words given. The part of a country's government responsible for its legal system

(a) legislature

(b) judiciary

(c) executive

(d) police

Answer: (b)

Passage — for questions 7–11

> 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.
>
> Dusk sets in at the Varagaliar elephant camp deep within the Anamalai Tiger Reserve (ATR). It's dinner time for the 25-year-old tusker and he's (1)_____ balls made of steamed ragi flour mixed (2)_____ some rice, green gram, salt and jaggery. (3)_____ are half-a-dozen Forest Department (4)_____ around, including V. Ganesan, the Field Director (5)_____ ATR.

7. Select the most appropriate option to fill in blank No.(1)

(a) feeding

(b) fed

(c) feed

(d) feeds

Answer: (b)

8. Select the most appropriate option to fill in blank No.(2)

(a) from

(b) of

(c) by

(d) with

Answer: (d)

9. Select the most appropriate option to fill in blank No.(3)

(a) Here

(b) Nowhere

(c) Everywhere

(d) There

Answer: (d)

10. Select the most appropriate option to fill in blank No.(4)

(a) employee

(b) ministers

(c) person

(d) officials

Answer: (d)

11. Select the most appropriate option to fill in blank No.(5)

(a) among

(b) of

(c) on

(d) between

Answer: (b)

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

The dog played in the pond <u>to his heart's content.</u>

(a) only upto his legs

(b) avoiding getting too wet

(c) as much as he wanted to

(d) till he was completely sick

Answer: (c)

13. Select the correct active form of the given sentence. Dinesh was looked after by his grandmother when his parents went abroad.

(a) Dinesh's grandmother looks after him when his parents went abroad.

(b) Dinesh's grandmother looked after him when his parents went abroad.

(c) Dinesh looked after his grandmother when his parents went abroad.

(d) Dinesh's grandmother was looking after him when his parents went abroad.

Answer: (b)

14. Select the word which means the same as the group of words given. An instrument for measuring the atmospheric pressure

(a) barometer

(b) thermometer

(c) ammeter

(d) altometer

Answer: (a)

15. Select the most appropriate antonym of the given word. ILLUMINATE

(a) light

(b) add

(c) erase

(d) darken

Answer: (d)

16. Select the most appropriate option to fill in the blank. In ancient Greece, women were not allowed to _____ in the Olympic Games.

(a) comply
(b) cope
(c) compete
(d) collide

Answer: (c)

17. Select the correctly spelt word.

(a) scramble
(b) defnition
(c) jewlry
(d) acceptence

Answer: (a)

18. Select the most appropriate synonym of the given word. ATTRIBUTE

(a) speech
(b) quality
(c) praise
(d) respect

Answer: (b)

19. In the sentence identify the segment which conta the grammatical error. Entering the hall, the show had started.

(a) the show
(b) had started
(c) Entering
(d) the hall

Answer: (c)

20. In the sentence identify the segment which contains the grammatical error. "I done a lot of work today," she said.

(a) I done
(b) a lot of
(c) she said
(d) work today

Answer: (a)

21. Select the most appropriate option to substitute the underlined segment in the given sentence.

If no substitution is required, select No improvement.

An old misunderstanding exists among the two families , so they are not friendly any more.

(a) will exist among the two families
(b) has exist within the two families
(c) exists between the two families
(d) No improvement

Answer: (c)

22. Select the most appropriate synonym of the given word. FUSE (Verb)

(a) unused
(b) break
(c) combine
(d) correct

Answer: (c)

23. Select the most appropriate option to substitute the underlined segment in the given sentence.

If no substitution is required, select No improvement.

Scarcely had he gone out than a client came to meet him.

(a) No improvement
(b) he had gone out than
(c) had he gone out when
(d) he had go out when

Answer: (c)

24. Select the most appropriate antonym of the given word. DEFICIT

(a) adhere
(b) surplus
(c) credit
(d) remove

Answer: (b)

25. Select the correct passive form of the given sentence. Ananya plucks fresh flowers from the garden every day.

(a) Fresh flowers are plucked by Ananya from the garden every day.
(b) Fresh flowers have been plucked by Ananya from the garden every day.
(c) Fresh garden is plucked by Ananya from the flowers every day.
(d) Fresh flowers were plucked by Ananya from the garden every day.

Answer: (a)

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

5	**(a)**	6	**(d)**	7	**(d)**	8	**(d)**	9	**(b)**	10	**(a)**	11	**(d)**	12	**(d)**
14	**(b)**	15	**(d)**	18	**(a)**	19	**(b)**	22	**(c)**	24	**(b)**	25	**(d)**		

General Awareness

1	**(d)**	2	**(c)**	3	**(d)**	4	**(c)**	5	**(b)**	6	**(d)**	7	**(d)**	8	**(a)**
9	**(a)**	10	**(b)**	11	**(a)**	12	**(b)**	13	**(d)**	14	**(c)**	15	**(d)**	16	**(d)**
17	**(d)**	18	**(d)**	19	**(d)**	20	**(d)**	21	**(b)**	22	**(b)**	23	**(c)**	24	**(c)**
25	**(c)**														

Quantitative Aptitude

1	**(b)**	3	**(d)**	4	**(a)**	5	**(b)**	6	**(a)**	8	**(c)**	9	**(d)**	10	**(b)**
11	**(c)**	12	**(c)**	13	**(b)**	14	**(a)**	16	**(c)**	17	**(a)**	18	**(b)**	19	**(d)**
20	**(d)**	23	**(d)**	25	**(b)**										

English Comprehension

1	**(c)**	3	**(b)**	4	**(b)**	5	**(d)**	6	**(b)**	7	**(b)**	8	**(d)**	9	**(d)**
10	**(d)**	11	**(b)**	12	**(c)**	13	**(b)**	[illegible]	**(a)**	15	**(d)**	16	**(c)**	17	**(a)**
18	**(b)**	19	**(c)**	20	**(a)**	21	**(c)**	[illegible]	**(c)**	23	**(c)**	24	**(b)**	25	**(a)**