PREVIOUS YEAR PAPER

SSC CGL 2019 Tier I — 5 March 2020, Shift 3

SSC CGL · 5 March 2020 · 4:00 PM - 5:00 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 5 March 2020, 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-2019-tier-1-5-mar-shift-3/

General Intelligence and Reasoning

2.

In a certain code language, 'FASTER' is written as 'CDPQHO'. How will 'VIOLIN' be written as in that language?

(a)
SLRILK

(b)
SLIRLM

(c)
RLTILK

(d)
SKIRKO

Answer: (a)

3.

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

42	37	?
18	24	36
252	296	540

(a)
55

(b)
45

(c)
50

(d)
40

Answer: (b)

4.

Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

(a)

ORUX

(b)

JMPS

(c)

PSVX

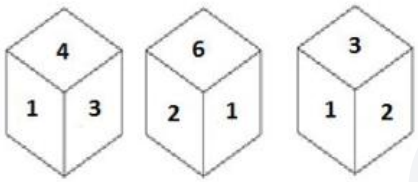
(d)

ZCFI

Answer: (c)

7.

Three different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '6'.



(a)

2

(b)

4

(c)

5

(d)

3

Answer: (d)

14.

In a certain code language, 'AUSTERE' is coded as '13102595'. How will 'SETTING' be coded as in that language?

(a)

11522867

(b)

10522957

(c)

11544957

(d)

10522948

Answer: (b)

15.

Select the letter that can replace the question mark (?) in the following series.

A, T, E, U, I, V, O, W, ? , X

(a)

R

(b)

U

(c)

M

(d)

Z

Answer: (b)

17.

Select the correct mirror image of the given figure when a vertical mirror is placed on the right side of the figure.

(a)

(b)

(c)

(d)

Answer: (a)

18.

Select the option in which the numbers are related in the same way as are the numbers in the given set.

(8, 7, 407)

(a)

(12, 8, 555)

(b)

(10, 8, 576)

(c)

(11, 12, 450)

(d)

(9, 6, 297)

Answer: (d)

20.

Select the option in which the given figure X is embedded (rotation is not allowed).

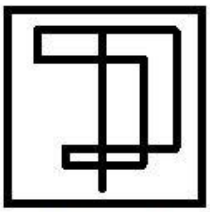
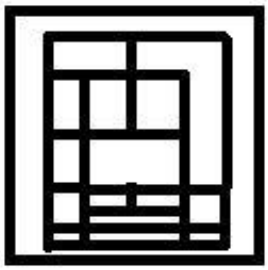
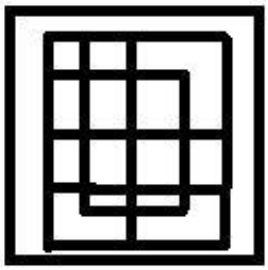


Figure X

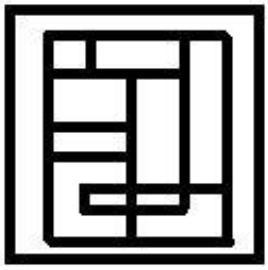
(a)



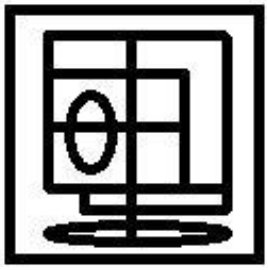
(b)



(c)



(d)



Answer: (b)

22.

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

13 : 109 :: 24 : ?

(a)

194

(b)

201

(c)

216

(d)

197

Answer: (d)

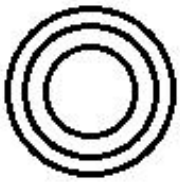
23.

Which of the following Venn diagrams best represents the relationship between the following classes?

Cricketers, Players, Human beings

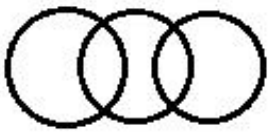
(a)

(b)



(c)

(d)



Answer: (b)

24.

Select the letter-cluster that can replace the question mark (?) in the following series.

TULG, WRPC, ZOTY, CLXU, ?

(a)
FIBQ

(b)
FICR

(c)
FJCQ

(d)
GIAQ

Answer: (a)

General Awareness

1. Which of the following companies has roped in cricketer Harbhajan Singh as its brand ambassador in 2019?

(a) Brune & Bareskin
(b) Reebok
(c) PUMA
(d) TAFE

Answer: (a)

2. The International Naval event 'Milan' is scheduled to be held in _____ in March 2020.

(a) Mumbai
(b) Kolkata
(c) Kochi
(d) Visakhapatnam

Answer: (d)

3. Which of the following is also known as Epsom salt?

(a) Ferrous Sulphate
(b) Calcium Sulphate
(c) Sodium Sulphate
(d) Magnesium Sulphate

Answer: (d)

4. According to data available as of 2019, how many national parks are situated in India?
   (a) 131
   (b) 115
   (c) 104
   (d) 140
   Answer: (c)

5. Who among the following has been appointed as Director of National Book Trust on 11th January 2020?
   (a) Leela Samson
   (b) Gobinde Prashad Sharma
   (c) Rita Chowdhury
   (d) Lt Col Yuvraj Malik
   Answer: (d)

6. Who among the following founded the Bombay Stock Exchange?
   (a) Premchand Roychand
   (b) Roychand Deepchand
   (c) Vikramjit Sen
   (d) Ashiskumar Chauhan
   Answer: (a)

7. Who among the following scientists invented the C[illegible]on Gin?
   (a) Eli Whitney
   (b) George Washington Carver
   (c) Norman Borlaugh
   (d) Sonny Perdue
   Answer: (a)

8. Which of the following is used to control pest fish?
   (a) Piscicides
   (b) Herbicides
   (c) Ovicides
   (d) Predacides
   Answer: (a)

9. Under which Article of the Indian Constitution are special provisions provided to language spoken in a section of the population?
   (a) Article 374
   (b) Article 357
   (c) Article 347
   (d) Article 337
   Answer: (c)

10. In which of the following states was the 12th naval exercise 'Naseem-Al-Bahr' between India and Oman held?

(a) Goa
(b) Tamilnadu
(c) Gujarat
(d) Kerala

Answer: (a)

11. In which of the following cities is the tomb of Rani of Jhansi situated?

(a) Gwalior
(b) Jabalpur
(c) Ujjain
(d) Indore

Answer: (a)

12. Who among the following conceived the Kakori train robbery in 1925?

(a) Baikuntha Shukla
(b) Ubaidullah Sindhi
(c) Ram Prasad Bismil and Ashfaqullah Khan
(d) Manmath Nath Gupta and Matangini Hazra

Answer: (c)

13. In which of the following years was the Congress cialist Party (CSP) founded?

(a) 1943
(b) 1914
(c) 1924
(d) 1934

Answer: (d)

14. Which of the following acids is NOT present in grapes?

(a) Citric acid
(b) Malic acid
(c) Tartaric acid
(d) Acetic acid

Answer: (d)

15. What is the ranking of India in the World Economic Forums (WEF)'s World Travel, Tourism Competitiveness Index for the year 2019?

(a) 34
(b) 39
(c) 31
(d) 37

Answer: (a)

16. Which of the following academies organise the Tansen Sangeet Samaroh in Gwalior?
    (a) Renuka Sangeet Academy
    (b) Ravindra Jain Sangeet Academy
    (c) Muntirama Sangeet Academy
    (d) Ustad Alauddin Khan Kala Evam Sangeet Academy

    Answer: (d)

17. In memory of whom is the Madhavpur Mela of Gujarat celebrated?
    (a) Lord Krishna and Radha
    (b) Lord Shiva and Parvati
    (c) Lord Krishna and Rukmini
    (d) Lord Krishna and Draupadi

    Answer: (c)

18. Who among the following Indian weightlifters has been banned for four years by NADA after being found guilty of a doping violation during the 34th Women Senior National Weightlifting Championship held at Vishakhapatnam?
    (a) Seema
    (b) Sarbjeet Kaur
    (c) Satheesha Rai
    (d) Sanamacha Thingbaijani Chanu

    Answer: (b)

19. Which of the following authorities launched PPR S (Political Parties Registration Tracking Management System)?
    (a) The Supreme Court
    (b) National Human Rights Commission
    (c) The Union Public Service Commission
    (d) Election Commission of India

    Answer: (d)

20. Which of the following Viceroys of India addressed the Bengal famine of 1943 by ordering the army to distribute relief supplies to the starving rural Bengalis?
    (a) Lord Wavell
    (b) Lord Linlithgow
    (c) Lord Mountbatten
    (d) Lord Willington

    Answer: (b)

22. How many national highways were merged to form National Highway 44 (NH 44)?
    (a) 7
    (b) 5
    (c) 6
    (d) 4

    Answer: (a)

23. Berach River, a southern-side tributary of Banas River, originates from the hills in which of the following districts of Rajasthan?
    (a) Jaisalmer
    (b) Udaipur
    (c) Bikaner
    (d) Bharatpur
    Answer: (b)

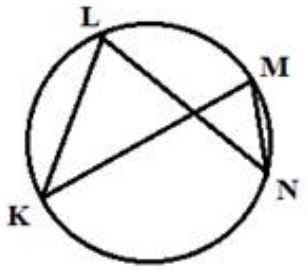
24. Who among the following is the chairman of the 15th Finance Commission of India?
    (a) NK Singh
    (b) Arvind Mehta
    (c) Ramesh Chand
    (d) Subhash Chandra Garg
    Answer: (a)

25. Which of the following is used as a substitute of mercury in thermometers?
    (a) Selenium
    (b) Galinstan
    (c) Bromine
    (d) Arsenic
    Answer: (b)

Quantitative Aptitude

1.

In the given figure, if $\angle KLN = 58^\circ$, then $\angle KMN = ?$



(a)
42°
(b)
32°
(c)
58°
(d)
26°
Answer: (c)

2.

If $x - \frac{1}{x} = 11$, then $x^3 - \frac{1}{x^3}$ is:

(a)

1474

(b)

1188

(c)

1364

(d)

1298

Answer: (c)

3.

The distance between two stations, A and B, is 428 km. A train starts from station 'A' at 6:00 a.m. and moves towards station 'B' at an average speed of 48 km/h. Another train starts from station 'B' at 6:20 a.m. and moves towards station 'A' at an average speed of 55 km/h. At what time will the trains meet?

(a)

10:00 a.m.

(b)

10:40 a.m.

(c)

9:40 a.m.

(d)

10:20 a.m.

Answer: (d)

4.

A certain amount is divided among Sunita, Amit and Vibha in the ratio of 2 : 3 : 4. If Vibha gets ₹14,416, then the total amount is:

(a)

₹16,219

(b)

₹32,436

(c)

₹3,604

(d)

₹43,248

Answer: (b)

7.

The following table shows the number of students enrolled in different faculties in a college.

Science		Arts		Commerce		Vocational	
Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys
32	18	28	45	42	42	13	30

The percentage of students studying in faculties other than Science is:

(a)
80%
(b)
60%
(c)
20%
(d)
75%

Answer: (a)

9.

If angles of a triangle are in the ratio of 2 : 3 : 4, then the measure of the smallest angle is:

(a)
20°
(b)
30°
(c)
40°
(d)
50°

Answer: (c)

11.

The value of $-1+\frac{1}{4}\div\frac{1}{2}\times 2+5$ is:

(a)
5
(b)
2
(c)
$\frac{17}{4}$
(d)
$-\frac{7}{2}$

Answer: (a)

12.

Sixteen men can finish a work in 8 days. Eight men and nine women working together can finish the same work in 10 days. In how many days will twenty women finish the same work?

(a)
12
(b)
9
(c)
11
(d)
13

Answer: (a)

13.

The value of $\sqrt{tan^2 60^\circ + sin 90^\circ} - 2\tan 45^\circ$ is:

(a)
2
(b)
4
(c)
0
(d)
1

Answer: (c)

14.

The value of $cos0^\circ cos30^\circ cos45^\circ cos60^\circ cos90^\circ$ is:

(a)

$\frac{\sqrt{6}}{8}$

(b)

5

(c)

0

(d)

3

Answer: (c)

16.

A certain amount of money at compound interest grows to ₹66,550 in 3 years and ₹73,205 in 4 years. The rate per cent per annum is:

(a)

10%

(b)

5%

(c)

9%

(d)

11%

Answer: (a)

17.

The heights of some girls in a school were noted and the data obtained are as shown in the table.

Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150	150 - 155
Number of girls	12	16	20	29	15	8

How many girls have a height of 135 cm or more but less than 150 cm?

(a)

35

(b)

88

(c)

64

(d)

80

Answer: (c)

18.

If $\tan\theta - cot\theta = cosec\theta, 0° < \theta < 90°$, then what is the value of $\frac{2tan\theta - cos\theta}{\sqrt{3}cot\theta + sec\theta}$?

(a)

$\frac{2(2\sqrt{3}-1)}{3}$

(b)

$\frac{4\sqrt{3}-1}{6}$

(c)

$\frac{3\sqrt{3}-1}{6}$

(d)

$\frac{2\sqrt{3}-1}{3}$

Answer: (b)

19.

The average height of 5 boys is 175 cm. A sixth boy joined the group and the average height of all the boys in the group now increased by one centimetre. The height of the sixth boy is:

(a)

180 cm

(b)

181 cm

(c)

179 cm

(d)

175 cm

Answer: (b)

21.

The coefficient of x^2 in $(2x+y)^3$ is:

(a)

$12y^2$

(b)

$12y$

(c)

8

(d)

12

Answer: (b)

22.

The price of sugar is increased by 20%. By what percentage must one cut down on the consumption of sugar, so that no extra amount has to be incurred on sugar?

(a)

$16\frac{2}{3}\%$

(b)

20%

(c)

$83\frac{1}{3}\%$

(d)

80%

Answer: (a)

24.

A furniture shopkeeper allows a discount of 16% on the marked price on the goods to his customers and still gains 20%. What is the marked price of a dining table, which costs the shopkeeper ₹11,900?

(a)

₹12,376

(b)

₹15,000

(c)

₹17,000

(d)

₹16,000

Answer: (c)

English Comprehension

1. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. There are many gadgets that are operated by a remote control and contain a silicon chip.
B. This produces an infra-red beam, made up of electromagnetic waves.
C. When a button is pressed on the remote control, the chip sets off an electronic vibration.
D. The beam carries a coded signal for operating the systems.

(a) ADCB

(b) BACD

(c) ACBD

(d) ACDB

Answer: (c)

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

I wish <u>if I was the</u> Principal of my school.

(a) If I had been

(b) that I am

(c) I were

(d) No improvement

Answer: (c)

3. Select the most appropriate word to fill in the blank. A colour blind person is not able to _____ between colours.

(a) distinguish

(b) define

(c) glance

(d) observe

Answer: (a)

4. In the sentence identify the segment which contains the grammatical error. Lucy has already cut the cake when we reached the party hall.

(a) the party hall

(b) when we reached

(c) Lucy has already

(d) cut the cake

Answer: (d)

5. Select the passive form of the given sentence. People claim to have seen the wild and mad elephant in several cities.

(a) The wild and mad elephant is being claimed to be seen in several cities.

(b) The wild and mad elephant has been claimed to be seen by the people in several cities.

(c) The wild and mad elephant was claimed to be seen by people in several cities.

(d) The wild and mad elephant is claimed to have been seen in several cities.

Answer: (d)

6. Select the most appropriate word to fill in the blank. Health should be our first priority and should never be _____.

(a) neglected

(b) suspended

(c) declined

(d) discarded

Answer: (a)

Passage — for questions 7–11

> In the following passage some words have been omitted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
>
> Corruption is one of the (1)_____ problems of our country. It is an act done with (2)_____ to gain some undue advantages, inconsistent with official duty. Government has (3)_____ many schemes for the welfare of the people but corruption seems impossible to be (4)_____ India can become a corruption-free nation only when all the citizens (5)_____ rules and regulations with a strong will power and cooperate whole heartedly.

7. Select the most appropriate option for blank No. 1.

(a) powerful

(b) strong

(c) major

(d) minor

Answer: (c)

8. Select the most appropriate option for blank No. 2.

(a) passion

(b) intention

(c) intuition

(d) compulsion

Answer: (b)

9. Select the most appropriate option for blank No. 3.
   (a) denounced
   (b) announced
   (c) concealed
   (d) written

   Answer: (b)

10. Select the most appropriate option for blank No. 4.
   (a) created
   (b) initiated
   (c) permitted
   (d) eliminated

   Answer: (d)

11. Select the most appropriate option for blank No. 5.
   (a) disobey
   (b) follow
   (c) break
   (d) reject

   Answer: (b)

12. Select the most appropriate word that means the same as the group of words given. A short story with a moral, usually with animals as character
   (a) Ode
   (b) Parody
   (c) Fable
   (d) Hymn

   Answer: (c)

13. Select the most appropriate synonym of the given word. Catastrophic
   (a) Delicate
   (b) Tough
   (c) Mysterious
   (d) Disastrous

   Answer: (d)

14. Select the most appropriate antonym of the given word. Sluggish
   (a) Dull
   (b) Weak
   (c) Sedentary
   (d) Active

   Answer: (d)

15. Select the correctly spelt word.

(a) Commemmorate

(b) Comemorate

(c) Comemmorate

(d) Commemorate

Answer: (d)

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

Amit has <u>the good command on</u> English as he was born and brought up in England.

(a) a better command of

(b) a good command over

(c) No improvement

(d) the best command in

Answer: (b)

17. Select the most appropriate word that means the same as the group of words given. Enclosed area where aircraft are kept and repaired

(a) Hose

(b) Hanger

(c) Hangar

(d) Harbinger

Answer: (c)

18. Select the indirect narration of the given s[illegible]e. He said to me," What time do the banks open and close?"

(a) He asked me what time do the banks open and close.

(b) He said me what time did the banks open and close.

(c) He asked me what time the banks opened and closed.

(d) He wanted to know what time the banks open and close.

Answer: (c)

19. Select the most appropriate meaning of the given Idiom. Hobson's Choice

(a) To be in an aggressive mood when facing a challenge

(b) To challenge an unworthy opponent

(c) To exercise the choice to surrender before the enemy

(d) An apparently free choice where there is no real alternative

Answer: (d)

20. Select the most appropriate meaning of the given Idiom. To add fuel to the fire.
    (a) Exploit someone
    (b) Calm down the situation
    (c) Simplify the problem
    (d) To make a bad situation worse

    Answer: (d)

21. Select the correctly spelt word.
    (a) Definete
    (b) Definiet
    (c) Definite
    (d) Definate

    Answer: (c)

22. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. It is called the atmosphere.
B. All parts of the earth are surrounded by air.
C. Living beings breathe in and breathe out the air all the time.
D. This process is called respiration.
    (a) ACDB
    (b) BACD
    (c) CBAD
    (d) DACB

    Answer: (b)

23. Identify the part of the sentence that contains the grammatical error. One of the greatest responsibilities of a scientist is that his discoveries and inventions are utilized to the overall development of the nation.
    (a) One of the greatest responsibilities of a scientist
    (b) development of the nation
    (c) are utilized to the overall
    (d) is that his discoveries and inventions

    Answer: (c)

24. Select the most appropriate antonym of the given word. Hostile
    (a) Amiable
    (b) Unfavourable
    (c) Adverse
    (d) Violent

    Answer: (a)

25. Select the most appropriate synonym of the given word. Deficiency
    (a) Inadequacy
    (b) Sufficiency
    (c) Efficiency
    (d) Abundance

    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

2	**(a)**	3	**(b)**	4	**(c)**	7	**(d)**	14	**(b)**	15	**(b)**	17	**(a)**	18	**(d)**
20	**(b)**	22	**(d)**	23	**(b)**	24	**(a)**								

General Awareness

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

Quantitative Aptitude

1	**(c)**	2	**(c)**	3	**(d)**	4	**(b)**	7	**(a)**	9	**(c)**	11	**(a)**	12	**(a)**
13	**(c)**	14	**(c)**	16	**(a)**	17	**(c)**	18	**(b)**	19	**(b)**	21	**(b)**	22	**(a)**
24	**(c)**														

English Comprehension

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