PREVIOUS YEAR PAPER

SSC CGL 2019 Tier I — 6 March 2020, Shift 3

SSC CGL · 6 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 6 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-1-6-mar-shift-3/

General Intelligence and Reasoning

1.

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

(14, 18, 277)

(a)

(20, 22, 521)

(b)

(24, 20, 576)

(c)

(18, 16, 485)

(d)

(12, 32, 320)

Answer: (a)

5.

Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

(a)

Television

(b)

Geyser

(c)

Computer

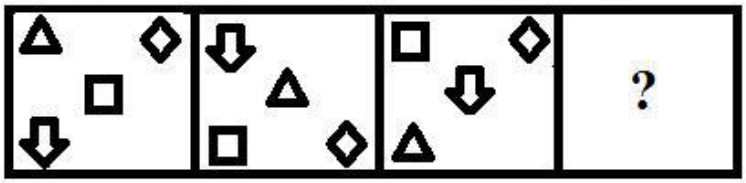
(d)

Machine

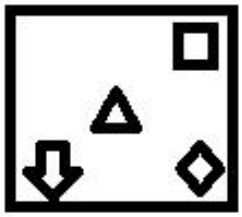
Answer: (d)

6.

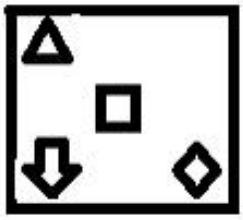
Select the figure that can replace the question mark (?) in the following series.



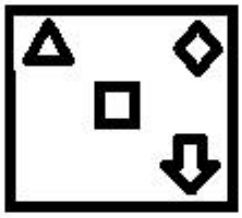
(a)



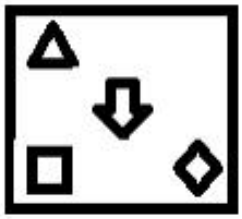
(b)



(c)



(d)



Answer: (b)

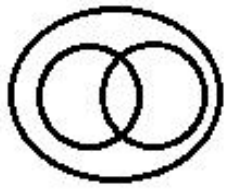
7.

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

Spices, Cumin Seeds, Food

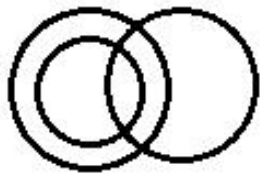
(a)

(b)



(c)

(d)



Answer: (c)

10.

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

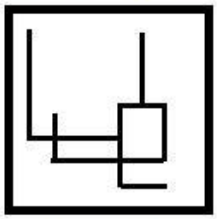
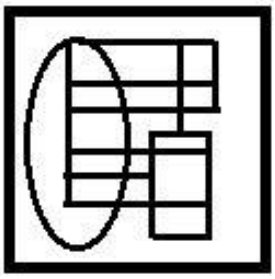
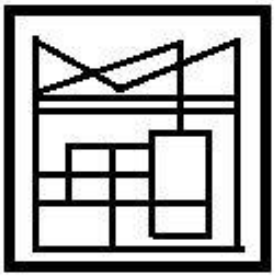


Figure X

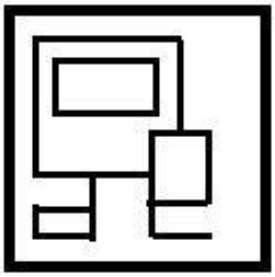
(a)



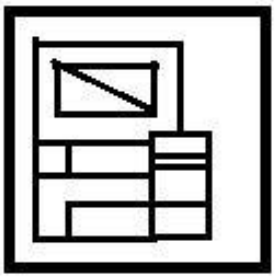
(b)



(c)



(d)



Answer: (b)

11.

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)

CXE

(b)

UFW

(c)

KPT

(d)

BYD

Answer: (c)

12.

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

8 : 576 :: 4 : ?

(a)

120

(b)

70

(c)

80

(d)

90

Answer: (c)

14.

'आकार' का 'मध्यम' से वही संबंध है, जो 'आकृति' का '_____' से है।

(a)

वस्तु

(b)

अंडाकार

(c)

रंग

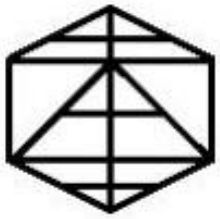
(d)

कोना

Answer: (b)

15.

How many triangles are there in the given figure?



(a)
20

(b)
22

(c)
24

(d)
23

Answer: (b)

16.

Arrange the following words in a logical a meaningful order.

1. Class
2. Admission
3. Result
4. Examination
5. Marking

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

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

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

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

Answer: (b)

17.

Among 160 players in a tournament, 57 did not participate in any of the three games, i.e. Cricket, Hockey and Badminton. A total of 37 players participated in only one game, 10 players participated in both Cricket and Hockey but not in Badminton, 9 players participated in both Hockey and Badminton but not in Cricket, and 13 players participated in both Cricket and Badminton but not in Hockey. How many students participated in all the three games?

(a)

34

(b)

32

(c)

38

(d)

30

Answer: (a)

19.

In a certain code language, 'BLINK' is coded as '78' and 'PURSE' is coded as '54'. How will 'FIRST' be coded as in that language?

(a)

71

(b)

76

(c)

54

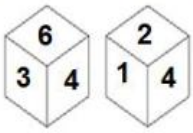
(d)

64

Answer: (c)

20.

Two 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 having ' 5 '.



(a)

3

(b)

2

(c)

4

(d)

6

Answer: (c)

21.

Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

(a)

85245 : 24

(b)

26584 : 25

(c)

41263 : 18

(d)

77052 : 21

Answer: (c)

22.

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

58, 73, 99, 138, 193, ? , 368

(a)

329

(b)

268

(c)

312

(d)

260

Answer: (b)

23.

In a certain code language, 'NECTAR' is written as 'DFOSBU'. How will 'CARPET' be written as in that language?

(a)

SBDUFQ

(b)

BDSSUG

(c)

DBSQGR

(d)

SBDVFR

Answer: (a)

24.

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

50	48	30
56	32	40
350	192	?

(a)
150
(b)
180
(c)
145
(d)
140

Answer: (a)

General Awareness

1. Which of the following states topped among all the states with the highest number of fire alerts according to a 2019 report by the Forest Survey of India?

(a) Arunachal Pradesh
(b) Madhya Pradesh
(c) Odisha
(d) Mizoram

Answer: (d)

3. Which player of the Indian Women's Hockey team has been nominated for the 'World Games Athlete of the Year' Award, 2019 by the International Hockey Federation (FIH)?

(a) Reena Khokhar
(b) Rajani Etimarpu
(c) Rani Rampal
(d) Bichu Devi Kharibam

Answer: (c)

4. What was National Highway 66 (NH 66) previously known as?

(a) NH 17
(b) NH2
(c) NH8
(d) NH5

Answer: (a)

5. Which of the following players of the Indian cricket team laid the foundation of the Cricket Stadium and Training Centre at 'Heartfulness Institute's' headquarters in Hyderabad?

(a) Rohit Sharma
(b) Virat Kohli
(c) Sikhar Dhawan
(d) Yuvraj Singh

Answer: (a)

6. Which of the following is used to remove the green colour from glass?

(a) Silicon dioxide
(b) Titanium dioxide
(c) Manganese dioxide
(d) Sulphur dioxide

Answer: (c)

7. Who among the following scientists invented Kevlar?

(a) Steve Wozniak
(b) George Eastman
(c) Marry Anderson
(d) Stephanie Louise Kwolek

Answer: (d)

8. What is the atomic mass of Zirconium?

(a) 91.22
(b) 90.22
(c) 88.22
(d) 89.22

Answer: (a)

9. Who among the following first translated the Bhagvad Gita in to English?

(a) James Prinsep
(b) Sir Alexander Cunningham
(c) Charles Wilkins
(d) William Jones

Answer: (c)

10. Who was the Governor General of Bengal during the 3rd Anglo-Mysore war?

(a) Warren Hastings
(b) John Shore
(c) John Macpherson
(d) 2nd Earl Cornwallis

Answer: (d)

11. In which of the following years were two additional Commissioners appointed to the Election commission of India for the first time?

(a) 1989

(b) 1991

(c) 1998

(d) 1990

Answer: (a)

12. Which of the following Articles is related to the Ancillary powers of Supreme Court?

(a) Article 140

(b) Article 150

(c) Article 138

(d) Article 143

Answer: (a)

13. Which of the following countries had the highest number of new born babies on first day of 2020?

(a) India

(b) Pakistan

(c) USA

(d) China

Answer: (a)

14. Which of the following Indian movies was nomir d for the 92nd Oscar Awards?

(a) The Surgical Strike

(b) Mission Mangal

(c) War

(d) Gully Boy

Answer: (d)

15. In which of the following temples is the Ambubasi Fair celebrated every year?

(a) Jagnanath temple

(b) Kedarnath temple

(c) Kashi Vishwanath temple

(d) Kamakhya temple

Answer: (d)

16. Who among the following is the head of the standing committee on economic statistics set up by Ministry of Statistics and Programme Implementation (MOSPI)?

(a) Krishnamurthy Subramanian

(b) Manmohan Singh

(c) Pronab Sen

(d) Raghuram Rajan

Answer: (c)

17. In which of the following Indian states is the Lai Haraoba festival celebrated?

(a) Goa

(b) Kerala

(c) Karnataka

(d) Manipur

Answer: (d)

18. Who among the following was NOT a minister of Cabinet Mission Plan, 1946?

(a) Sir Stafford Cripps

(b) Lord Wavell

(c) Alexander

(d) Sir Pethick Lawrence

Answer: (b)

20. In which of the following Indian airports will the Wings India 2020, international exhibition and conference on the civil aviation sector, be held?

(a) Chennai International Airport

(b) Chaudhary Charan Singh Airport

(c) Begumpet Airport

(d) Bagdogra Airport

Answer: (c)

21. Which of the following has the lowest melting poi

(a) Tin

(b) Zinc

(c) Lead

(d) Silver

Answer: (a)

22. In which of the following states did Khadi and Village Industries Commission (KVIC) open its first Silk Processing Plant?

(a) Goa

(b) Haryana

(c) Madhya Pradesh

(d) Gujarat

Answer: (d)

23. Which of the following railway stations has been certified by FSSAI as the country's first 'Eat Right Station'?

(a) Jaipur

(b) Allahabad

(c) Jabalpur

(d) Mumbai Central

Answer: (d)

24. According to India State of Forest Report 2019, how much of the total geographical area of the country is covered by forests and trees?

(a) 21.30%

(b) 42.56%

(c) 24.56%

(d) 34.56%

Answer: (c)

25. How many types of isotopes does Scandium have?

(a) 10

(b) 7

(c) 9

(d) 13

Answer: (d)

Quantitative Aptitude

2.

The rate of simple interest on a sum of money is 5% p.a. for the first 4 years, 8% p.a. for the next 3 years and 10% p.a. for the period beyond 7 years. If the simple interest accrued by the sum over a period of 10 years is ₹1,850, then the sum is:

(a) ₹1,500

(b) ₹2,750

(c) ₹1,650

(d) ₹2,500

Answer: (d)

4.

A shopkeeper fixes the price of an article in such a way that after allowing 32% discount, he wants a gain of 14%. If the marked price is ₹342, then the cost price of the article is:

(a)

₹204

(b)

₹218

(c)

₹212

(d)

₹196

Answer: (a)

7.

The following table gives the details of Five commodities A, B, C, D and E with quantity required and their costs for a family in a month. Study the table and answer the questions that follow.

Commodity	Quantity required/month (in kg)	Rate/kg in ₹	
		Year 2016	Year 2019
A	15	₹60	₹80
B	20	₹50	₹60
C	12	₹35	₹40
D	40	₹75	₹85
E	8	₹64	₹72

The percentage of increase(per kg) in the rate of commodity D i[illegible] o 2019 is:

(a)

38.24%

(b)

5%

(c)

13.33%

(d)

22.17%

Answer: (c)

8.

Two circles of radii 8 cm and 6 cm touch each other externally. The length of the direct common tangent is:

(a)

13.86

(b)

20

(c)

24

(d)

10.12

Answer: (a)

9.

The following table gives the details of Five commodities A, B, C, D and E with quantity required and their costs for a family in a month. Study the table and answer the questions that follow.

Commodity	Quantity required/month (in kg)	Rate/kg in ₹	
		Year 2016	Year 2019
A	15	₹60	₹80
B	20	₹50	₹60
C	12	₹35	₹40
D	40	₹75	₹85
E	8	₹64	₹72

The amount spent extra on commodities B and C in the year 2019 as com[illegible]d to that in the year 2016, is:

(a)

₹260

(b)

₹192

(c)

₹248

(d)

₹110

Answer: (a)

10.

An article was sold at a gain of 16%. If it had been sold for ₹36 more, the gain would have been 20%. The cost price of the article is

(a)

₹862

(b)

₹900

(c)

₹720

(d)

₹810

Answer: (b)

12.

25 litres of a mixture contains 30% of spirit and rest water. If 5 litres of water be mixed in it, the percentage of spirit in the new mixture is:

(a)

$12\frac{1}{2}\%$

(b)

$33\frac{1}{3}\%$

(c)

45%

(d)

25%

Answer: (d)

14.

In ΔABC, if the ratio of angles is in the proportion 3 : 5 : 4, then the difference between the biggest and the smallest angles (in degrees) is:

(a)

35°

(b)

25°

(c)

30°

(d)

20°

Answer: (c)

17.

The inner and outer radius of a circular track are, respectively, 29 m and 23 m. The cost of levelling the track at ₹7/m^2 is:

(a)

₹3,284

(b)

₹5,300

(c)

₹7,215

(d)

₹6,864

Answer: (d)

18.

What is the smallest integer that is divisible by 3, 7 and 18?

(a)

72

(b)

252

(c)

63

(d)

126

Answer: (d)

19.

If $0 < A,\ B < 45°, \cos(A+B) = \frac{24}{25}\ and \sin(A-B) = \frac{15}{17}$, then $tan2A$ is:

(a)

$\frac{213}{4}$

(b)

0

(c)

1

(d)

$\frac{416}{87}$

Answer: (d)

20.

The value of $\frac{[54-(5\div2)\times8]+13}{48-4\div3\times8-2}$ is:

(a)
$\frac{89}{127}$

(b)
$\frac{89}{106}$

(c)
$\frac{141}{127}$

(d)
$\frac{141}{106}$

Answer: (d)

22.

A, B and C are three points on a circle such that the angles subtended by the ds AB and AC at the centre O are 80° and 120°, respectively. The value of ∠BAC is:

(a)
75°

(b)
85°

(c)
70°

(d)
80°

Answer: (d)

English Comprehension

1. Select the correct indirect narration of the given sentence. She said, "We visited Uttarakhand in the summer vacation."

(a) She said that they had visited Uttarakhand in the summer vacation.

(b) She said that they will visit to Uttarakhand in the summer vacation.

(c) She said that they have visited Uttarakhand in the summer vacation.

(d) She said that we visited Uttarakhand in the summer vacation.

Answer: (a)

2. Select the most appropriate word to fill in the blank. The reckless young man was _____ for the debts incurred by him.

(a) audacious

(b) reliable

(c) suspicious

(d) liable

Answer: (d)

3. Select the correctly spelt word.

(a) Agression

(b) Catalogue

(c) Temprature

(d) Millionare

Answer: (b)

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

If he doesn't score forty percent in all the subjects, he <u>would not be</u> promoted to the next class.

(a) No improvement

(b) was not being

(c) will not be

(d) is not being

Answer: (c)

5. Given below are four jumbled sentences. C[illegible]e given options pick the one that gives their correct order. A person who attracts attention with a flashy style

(a) Vagabond

(b) Flamboyant

(c) Glutton

(d) Jockey

Answer: (b)

6. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. It provides training for the development of oral and aural skills and is a great supplement to classroom teaching.
B. Technology is growing very fast day by day and is contributing a lot towards improving communication skills.
C. Thus, it is the responsibility of a teacher to make the learners understand that their aim is to master the language, not the technology.
D. However, it cannot be a substitute for the conventional method of language teaching.

(a) BADC
(b) BCDA
(c) DACB
(d) ACBD

Answer: (a)

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.
>
> Environmental pollution is a global problem and (1)_____ threat to human survival. The causes of pollution are quite (2)_____, such as contamination of water, cutting of trees and forests, emission of toxic gases etc. Due to (3)_____ factors, the flora and fauna are adversely affected. An awareness to protect the environment is everybody's (4)_____ duty and we should collectively come forward for this noble campaign. Government is taking strong (5)_____ check the menace of pollution.

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

(a) a
(b) an
(c) the
(d) some

Answer: (a)

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

(a) numerous
(b) plenty
(c) many
(d) enough

Answer: (a)

9. Select the most appropriate option for blank No.3

(a) these
(b) those
(c) this
(d) that

Answer: (a)

10. Select the most appropriate option for blank No.4

(a) moral

(b) dubious

(c) urgent

(d) pious

Answer: (a)

11. Select the most appropriate option for blank No.5

(a) programmes

(b) attempts

(c) measures

(d) enticements

Answer: (c)

12. In the sentence identify the segment which contains the grammatical error. She behaves in a such a cordial manner that everyone admires her.

(a) admires her

(b) such a cordial manner

(c) She behaves in a

(d) that everyone

Answer: (c)

13. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. It was an honor as well as a relief to the family of the deceased.
B. The district collector announced a gallantry award and financial aid for his family.
C. A soldier died fighting in the battlefield.
D. The money was promptly disbursed from the Prime Minister's Relief Fund.

(a) CBDA

(b) CDBA

(c) BACD

(d) BCAD

Answer: (a)

14. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order. A person who preaches religion and is considered to be a messenger of God.

(a) Volunteer

(b) Prophet

(c) Scholar

(d) Atheist

Answer: (b)

15. Select the most appropriate synonym of the given word. Repercussion
    (a) Reminder
    (b) Reaction
    (c) Rearrangement
    (d) Recollection
    Answer: (b)

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

<u>No soon the Chief Minister</u> step in than the bomb exploded.
    (a) No soon had the Chief Minister
    (b) No Improvement
    (c) No sooner did the Chief Minister
    (d) No sooner does the Chief Minister
    Answer: (c)

17. In the sentence identify the segment which contains the grammatical error. All employees of the National Sugar Factory differ from their boss on the medical and pension policy.
    (a) of the National Sugar Factory
    (b) All employees
    (c) on the medical and pension policy
    (d) differ from their boss
    Answer: (d)

18. Select the correct passive form of the give[illegible]ence. Why do you spend so much money?
    (a) Why was so much money spent by you?
    (b) Why has so much money been spent by you?
    (c) Why is so much money spent by you?
    (d) Why is so much money being spent by you?
    Answer: (c)

19. Select the most appropriate meaning of the given idiom. Like a dying duck in a thunderstorm
    (a) Daring
    (b) Confident
    (c) Dejected
    (d) Comfortable
    Answer: (c)

20. Select the most appropriate meaning of the given idiom. To paddle one's own canoe
    (a) To take rest
    (b) Depend on oneself
    (c) To act in a childish way
    (d) To exercise hard
    Answer: (b)

21. Select the most appropriate word to fill in the blank. The unruly behaviour of the students _____ their teacher.
    (a) irritated
    (b) pleased
    (c) calmed
    (d) comforted

    Answer: (a)

22. Select the most appropriate antonym of the given word. STRINGENT
    (a) Strict
    (b) Stern
    (c) Lenient
    (d) Severe

    Answer: (c)

23. Select the correctly spelt word.
    (a) Rennaissance
    (b) Greivance
    (c) Itinarary
    (d) Sovereignty

    Answer: (d)

24. Select the most appropriate antonym of the given word. GROTESQUE
    (a) Monstrous
    (b) Ugly
    (c) Attractive
    (d) Distorted

    Answer: (c)

25. Select the most appropriate synonym of the given word. Juvenile
    (a) Wise
    (b) Mature
    (c) Childish
    (d) Insane

    Answer: (c)

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

1	**(a)**	5	**(d)**	6	**(b)**	7	**(c)**	10	**(b)**	11	**(c)**	12	**(c)**	14	**(b)**
15	**(b)**	16	**(b)**	17	**(a)**	19	**(c)**	20	**(c)**	21	**(c)**	22	**(b)**	23	**(a)**
24	**(a)**														

General Awareness

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

Quantitative Aptitude

2	**(d)**	4	**(a)**	7	**(c)**	8	**(a)**	9	**(a)**	10	**(b)**	12	**(d)**	14	**(c)**
17	**(d)**	18	**(d)**	19	**(d)**	20	**(d)**	22	**(d)**						

English Comprehension

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