PREVIOUS YEAR PAPER

SSC CGL 2018 Tier I — 13 June 2019, Shift 2

SSC CGL · 13 June 2019 · 1:00 PM - 2:00 PM

77 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: 23 (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, 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-1-13-jun-shift-2/

General Intelligence and Reasoning

1.

Select the missing number from the given options.

36	52	86
28	40	12
32	46	?

(a) 43

(b) 53

(c) 49

(d) 51

Answer: (c)

4.

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

(a)

(b)

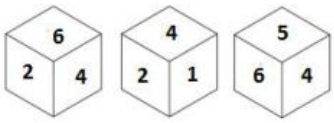
(c)

(d)

Answer: (a)

5.

Three different positions of the same dice are shown here. Which number is on the face opposite the face showing '5'?



(a)

1

(b)

3

(c)

2

(d)

6

Answer: (c)

7.

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 : 192 :: 15 : ?

(a)

245

(b)

240

(c)

225

(d)

250

Answer: (b)

9.

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

114, 127, 153, 192, 244, ?

(a)
309

(b)
361

(c)
344

(d)
284

Answer: (a)

10.

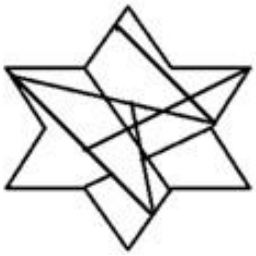
Select the figure in which the given figure is embedded.
(Rotation is not allowed)

(a)

(b)

(c)

(d)



Answer: (d)

11.

Arrange the following words in a logical and meaningful order.

1. Wrist
2. Nails
3. Shoulder
4. Elbow
5. Palm
6. Fingers

(a)

3, 5, 1, 4, 6, 2

(b)

3, 4, 1, 5, 6, 2

(c)

3, 4, 1, 2, 5, 6

(d)

3, 1, 4, 2, 5, 6

Answer: (b)

13.

In a code language, TROPICAL is written as PORTLACI. How will I ANCE be written in that language?

(a)

ISTSNAEF

(b)

TSIDECNA

(c)

TSIDECAN

(d)

STIDECNA

Answer: (b)

15.

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

(a)

4 : 27

(b)

49 : 218

(c)

16 : 125

(d)

9 : 64

Answer: (b)

20.

In a code language, if LAMINATE is coded as 121139141205, then how will SYSTEMIC be coded in the same language?

(a)

1925192051393

(b)

1925192051493

(c)

1825182051393

(d)

1925192051383

Answer: (a)

22.

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

(a)

RVZDG

(b)

DHLPT

(c)

UYCGK

(d)

AEIMQ

Answer: (a)

23.

Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.

(a)

(b)

(c)

(d)

Answer: (d)

General Awareness

1. Identify the part of brain that controls the maintenance of posture, balance and equilibrium.
   (a) Diencephalon
   (b) Cerebrum
   (c) Brainstem
   (d) Cerebellum

   Answer: (d)

2. Which of the following is the largest container port of India?
   (a) Ennore Port
   (b) Jawaharlal Nehru Port
   (c) Paradip Port
   (d) Chhatrapati Shivaji Port

   Answer: (b)

3. In which medical condition is the eye's optic nerve damaged and the condition worsens over time?

(a) Cataract

(b) Glaucoma

(c) Age-related Macular Degeneration (AMD)

(d) Dry Eye

Answer: (b)

4. Which theory in economics proposes that countries export what they can most efficiently and plentifully produce?

(a) Heckscher-Ohlin Model

(b) Cournot Competition

(c) Solow-Swan Model

(d) Input-Output Model

Answer: (a)

6. Who among the following is/was the longest serving governor of an Indian state?

(a) Padmaja Naidu

(b) N D Tiwari

(c) Lakshmi Kant Jha

(d) Sarojini Naidu

Answer: (a)

7. Which of the following is the national sport of Bar desh?

(a) Cricket

(b) Kho Kho

(c) Kabaddi

(d) Boxing

Answer: (c)

8. How many sessions of the Lok Sabha are normally held in a year?

(a) 2

(b) 5

(c) 7

(d) 3

Answer: (d)

9. Name the comprehensive pension management system developed by the Department of Telecom in December 2018.

(a) ACHARAN

(b) SAMPANN

(c) SAMADHAN

(d) VIGYAN

Answer: (b)

10. With which sport is the term bleeder associated?
    (a) Swimming
    (b) Cricket
    (c) Volleyball
    (d) Boxing
    Answer: (d)

11. Who among the following was the last Nawab of Awadh?
    (a) Wajid Ali Shah
    (b) Muhammad Mukim
    (c) Saadat Ali Khan
    (d) Amjad Ali Khan
    Answer: (a)

12. In December 2018, Havelock Island was renamed as _____.
    (a) Veer Savarkar Island
    (b) Netaji Subhash Bose Island
    (c) Swaheed Dweep
    (d) Swaraj Dweep
    Answer: (d)

13. Who was the first Russian prime minister to visit independent India?
    (a) Boris Yeltsin
    (b) Mikhail Gorbachev
    (c) Nikolai Bulganin
    (d) Vladimir Putin
    Answer: (c)

14. In which year was the Battle of Saragarhi fought?
    (a) 1867
    (b) 1878
    (c) 1854
    (d) 1897
    Answer: (d)

15. What was the theme of World AIDS Day 2018?
    (a) We Shall Overcome
    (b) Check Yourself
    (c) Save Yourself
    (d) Know your Status
    Answer: (d)

16. Byopa is a traditional headgear of tribes belonging to _____.
    (a) Kerala
    (b) Arunachal Pradesh
    (c) Jharkhand
    (d) Goa
    Answer: (b)

17. As of April 2019 who is longest serving chief minister of an Indian state?
    (a) Pawan Chamling
    (b) Jyoti Basu
    (c) Jayalalitha
    (d) Sheila Dixit
    Answer: (a)

18. Which was the wettest place in India in 2018 as per the India Meteorological Department (IMD)?
    (a) Mawsynram
    (b) Ooty
    (c) Mahabaleshwar
    (d) Cherrapunji
    Answer: (c)

19. In which part of the body is blood produced?
    (a) Lungs
    (b) Heart
    (c) Brain
    (d) Bone Marrow
    Answer: (d)

20. Chepu is a unique cultural symbol of _____.
    (a) Bhutan
    (b) Nepal
    (c) Myanmar (Burma)
    (d) China
    Answer: (b)

21. Which of the following is the highest peak in Sri Lanka?
    (a) Hakgala
    (b) Bible Rock
    (c) Mount Pedro
    (d) Kirigalpotta
    Answer: (c)

22. Which state of India was ruled by the Ahom Dynasty?
    (a) Odisha
    (b) Karnataka
    (c) Rajasthan
    (d) Assam
    Answer: (d)

23. Wind turbines convert _____ energy into mechanical power.
    (a) kinetic
    (b) chemical
    (c) nuclear
    (d) gravitational
    Answer: (a)

24. Which theory is used to make long-run predictions about exchange rates in a flexible exchange rate system?
    (a) Purchasing Power Parity Theory
    (b) Portfolio Balance Approach
    (c) Interest Rate Approach
    (d) Balance of Payment Theory
    Answer: (a)

25. The study of insects is called _____.
    (a) Geology
    (b) Anthropology
    (c) Ornithology
    (d) Entomology
    Answer: (d)

Quantitative Aptitude

3.

An article is sold for ₹288 after successive discounts of 25% and x%. If the marked price of the article is ₹480, what is the value of x?

(a) 20
(b) 16
(c) 15
(d) 18

Answer: (a)

4.

In a class of 50 students, 40% are girls. The average marks of the whole class are 64.4 and the average of the boys' marks is 62. What is the average marks of the girls?

(a)
67

(b)
66.8

(c)
66.4

(d)
68

Answer: (d)

6.

The efficiencies of A, B and C are in the ratio of 5 : 3 : 2. Working together, they can complete a task in 21 hours. In how many hours will B alone complete 40% of that task?

(a)
28

(b)
24

(c)
35

(d)
21

Answer: (a)

7.

The value of $\sin^2 32° + \sin^2 58° - \sin 30° + \sec^2 60°$ is equal to:

(a)
5.5

(b)
3.5

(c)
4.5

(d)
4

Answer: (c)

8.

If $a+b+c=10$ and $ab+bc+ca=32$ then $a^3+b^3+c^3-3abc$ is equal to:

(a)
50

(b)
40

(c)
60

(d)
70

Answer: (b)

9.

If $a-b=5$ and $ab=6$, then (a^3-b^3) is equal to:

(a)
225

(b)
155

(c)
90

(d)
215

Answer: (d)

10.

In a circle with centre O, an arc ABC subtends an angle of 110° at the centre of the circle. The chord AB is produced to a point P. Then $\angle CBP$ is equal to:

(a)
60°

(b)
55°

(c)
65°

(d)
70°

Answer: (b)

11.

In a circle of radius 17 cm, a chord is at a distance of 8 cm from the centre of the circle. What is the length of the chord?

(a)

20 cm

(b)

15 cm

(c)

25 cm

(d)

30 cm

Answer: (d)

12.

The Table shows the number of cars sold by three showrooms over a period of six years.

Showroom	Year					
	2011	2012	2013	2014	2015	2016
A	500	480	520	620	650	630
B	450	420	530	480	520	400
C	400	450	460	520	540	430

If the total number of cars sold by all three showrooms over the years is represented as a pie-chart, what is the central angle of the sector representing the total number of cars sold in the year 2013 (to the nearest whole number)?

(a)

58°

(b)

62°

(c)

60°

(d)

56°

Answer: (c)

13.

The price of sugar is increased by 17%. A person wants to increase his expenditure by 5% only. By approximately what percent should he decrease his consumption?

(a)

10.3

(b)

10.7

(c)

10.9

(d)

9.9

Answer: (a)

14.

The Table shows the number of cars sold by three showrooms over a period of six years.

Showroom	Year					
	2011	2012	2013	2014	2015	2016
A	500	480	520	620	650	630
B	450	420	530	480	520	400
C	400	450	460	520	540	430

What is the ratio of the total cars sold by showroom B during the years 2014 and 2016 and the total cars sold by showroom C during 2015 and 2016?

(a)

86 : 97

(b)

88 : 97

(c)

85 : 97

(d)

88 : 95

Answer: (b)

15.

The Table shows the number of cars sold by three showrooms over a period of six years.

Showroom	Year					
	2011	2012	2013	2014	2015	2016
A	500	480	520	620	650	630
B	450	420	530	480	520	400
C	400	450	460	520	540	430

By what percent did the total number of cars sold by all three sh[illegible]rease during the year 2016, as compared to that in the year 2015 (nearest to one decimal place)?

(a)

14.6%

(b)

14.8%

(c)

14.4%

(d)

14.9%

Answer: (a)

18.

$\Delta ABC \sim \Delta NLM$ and ar(ΔABC) : ar(ΔLMN) = 4 : 9. If AB = 6 cm, BC = 8 cm and AC =12 cm, then ML is equal to:

(a)

18 cm

(b)

9 cm

(c)

6 cm

(d)

12 cm

Answer: (d)

21.

What is the value of x so that the seven digit number 8439x53 is divisible by 99?

(a)

9

(b)

4

(c)

3

(d)

6

Answer: (b)

22.

The difference between compound interest and simple interest on ₹x at 15% per annum for 2 years is ₹9. What is the value of x?

(a)

600

(b)

400

(c)

450

(d)

500

Answer: (b)

24.

Five cubes, each of edge 3 cm are joined end to end. What is the total surface area of the resulting cuboid, in cm^2?

(a)
244

(b)
280

(c)
270

(d)
198

Answer: (d)

English Comprehension

1. Given below are four jumbled sentences. Select the option that gives their correct order.
A. It is a popular tourist spot for watching the sunset and sunrise over the ocean.
B. Kanyakumari is a coastal town in the State of Tamil Nadu on India's southern tip.
C. It is also a noted pilgrimage site, thanks to its Bagvathi Amman Temple and Our Lady of Ransom Church, a centre of Indian Catholicism.
D. Jutting out into the Laccadive sea, the town was known as Cape Comorin during the British rule.

(a) BDAC
(b) DCAB
(c) ACDB
(d) BCDA

Answer: (a)

2. Select the most appropriate antonym of the given word. PROGRESSIVE

(a) repeated
(b) moving
(c) conservative
(d) aristocratic

Answer: (c)

3. Select the most appropriate antonym of the given word. PUBLIC

(a) common
(b) resticted
(c) private
(d) ready

Answer: (c)

4. Select the correctly spelt word.

(a) mantion

(b) mentoin

(c) mention

(d) mension

Answer: (c)

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

The invigilator did not know that the two boys were exchanging notes <u>under his nose.</u>

(a) rolled into small pellets

(b) written in small letters

(c) right in front of him

(d) wrapped in handkerchiefs

Answer: (c)

6. Select the correct active form of the given sentence. Rudra was laughed at by all his friends when he wore his socks inside- out.

(a) All his friends laughed at Rudra when he wore his socks inside-out.

(b) When Rudra wore his socks inside-out all his friends were laughing at him.

(c) All his friends will be laughing at Rudra for wearing his socks inside-out.

(d) If Rudra wears his socks inside-out all his friends will laugh at him.

Answer: (a)

7. In the sentence identify the segment which contains the grammatical error. You may left the class when you have completed the test.

(a) You may left

(b) when you have

(c) completed the test

(d) the class

Answer: (a)

8. Given below are four jumbled sentences. Select the option that gives their correct order.
A. He would sit at the edge of her mother's bed and stare into her crib.
B. Arvind bumbled down the interminable corridor, suddenly reminded of his daughter in the days after she was born.
C. As a proportion to the fragment of life his daughter had seen, an hour was a vast sprawling space.
D. Some days he would imagine the world through her eyes and he would feel in his heart how long an hour actually was.

(a) DACB

(b) BCDA

(c) ABCD

(d) BADC

Answer: (d)

9. In the sentence identify the segment which contains the grammatical error. Although there are more than a hundred known elements, they rarely occur at a pure state.

(a) more than a hundred
(b) Although there are
(c) at a pure state
(d) they rarely occur

Answer: (c)

10. Select the correct passive form of the given sentence. They will put away their woollens after the festival of Holi.

(a) Their woollens are being put away after the festival of Holi.
(b) Their woollens will be put away after the festival of Holi.
(c) Their woollens have been put away after the festival of Holi.
(d) Their woollens are put away after the festival of Holi.

Answer: (b)

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

If no substitution is required, select No improvement.

The female ostrich guards the nest at night and the male <u>guard it in the day.</u>

(a) guards it during the day.
(b) guard it during the day.
(c) No improvement
(d) guarding it during day.

Answer: (a)

12. Select the correctly spelt word.

(a) scissors
(b) teribble
(c) clettering
(d) sweatter

Answer: (a)

13. Select the most appropriate option to fill in the blank. Today, _____ society is literally poisoning the earth with acid rain.

(a) industrialised
(b) cosmopolitan
(c) growing
(d) developing

Answer: (a)

14. Select the most appropriate synonym of the given word. INSULT
    (a) offer
    (b) apply
    (c) offend
    (d) remove
    Answer: (c)

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

Let us have all the regulations <u>in black and white.</u>
    (a) painted in colour
    (b) in writing
    (c) written on the black- board
    (d) printed in coloured ink
    Answer: (b)

16. Select the most appropriate option to fill in the blank. I am quite satisfied that I have not been _____ in doing whatever was needful for building up their character.
    (a) affectionate
    (b) caring
    (c) devoted
    (d) negligent
    Answer: (d)

17. Select the word which means the same as the group of words given. liable to break easily
    (a) brittle
    (b) soft
    (c) bent
    (d) thin
    Answer: (a)

18. Select the most appropriate synonym of the given word. HOSTILITY
    (a) enmity
    (b) sympathy
    (c) friendship
    (d) goodwill
    Answer: (a)

19. Select the word which means the same as the group of words given. impossible to satisfy
    (a) satisfiable
    (b) contented
    (c) insatiable
    (d) satisfactory
    Answer: (c)

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

If no substitution is required, select No improvement.

How long <u>you are living</u> in this city?

(a) No improvement
(b) are you been living
(c) have you lived
(d) are you live

Answer: (c)

Passage — for questions 21–25

> 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.
>
> Marine Conservation Society is hosting the Anjarle Turtle festival 2019, aiming to make more people aware about Olive Ridley turtles. The sea (1) _____ get their names from their olivecoloured (2)_____ They grow to about two feet in (3)_____ and reportedly mate at around 1000 kilometers from the Anjarle (4)_____ These turtles come to the beach to lay (5)_____.

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

(a) snakes
(b) turtles
(c) animal
(d) fish

Answer: (b)

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

(a) feathers
(b) wings
(c) beaks
(d) shells

Answer: (d)

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

(a) weight
(b) depth
(c) length
(d) growth

Answer: (c)

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

(a) beach
(b) festival
(c) sand
(d) sea

Answer: (a)

25. Select the most appropriate option to fill in blank No.(5)
    (a) shells
    (b) young ones
    (c) eggs
    (d) pebbles
    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	**(c)**	4	**(a)**	5	**(c)**	7	**(b)**	9	**(a)**	10	**(d)**	11	**(b)**	13	**(b)**
15	**(b)**	20	**(a)**	22	**(a)**	23	**(d)**								

General Awareness

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

Quantitative Aptitude

3	**(a)**	4	**(d)**	6	**(a)**	7	**(c)**	8	**(b)**	9	**(d)**	10	**(b)**	11	**(d)**
12	**(c)**	13	**(a)**	14	**(b)**	15	**(a)**	18	**(d)**	21	**(b)**	22	**(b)**	24	**(d)**

English Comprehension

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