PREVIOUS YEAR PAPER

SSC CGL 2019 Tier I — 7 March 2020, Shift 3

SSC CGL · 7 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).

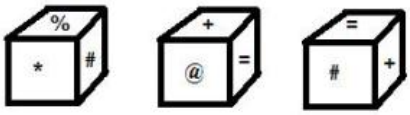
Questions from the Staff Selection Commission's paper of 7 March 2020, 4:00 PM - 5:00 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-cgl/previous-year-papers/ssc-cgl-2019-tier-1-7-mar-shift-3/

General Intelligence and Reasoning

2.

Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing '%'.



(a)
=

(b)
*

(c)
@

(d)
+

Answer: (d)

3.

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

(a)

(b)

(c)

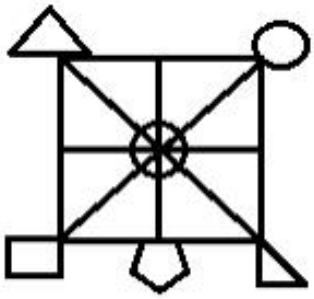
(d)

Answer: (a)

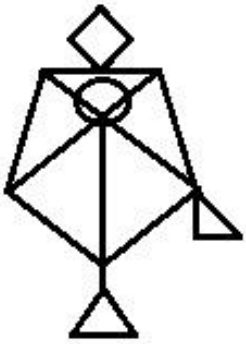
5.

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

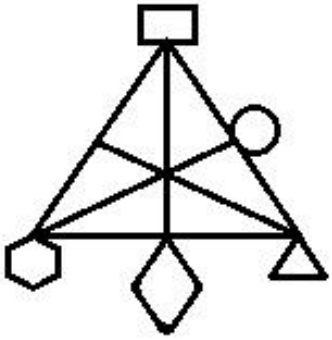
(a)



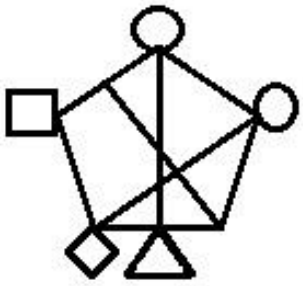
(b)



(c)



(d)



Answer: (a)

7.

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)

NOQTX

(b)

ABDGK

(c)

BCEHL

(d)

GHJMP

Answer: (d)

8.

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

A, D, ? , P, Y

(a)

J

(b)

I

(c)

G

(d)

H

Answer: (b)

9.

A + B means 'B is the daughter of B';

A – B means 'B is the sister of A';

A × B means 'B is the husband of A';

A ÷ B means 'A is the father of B'.

If, P ÷ R × T + Q – S × U + Z, then how is R related to Z?

(a)

Maternal grandmother

(b)

Maternal grandfather

(c)

Paternal grandfather

(d)

Paternal grandmother

Answer: (a)

10.

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

1, 5, 9, ? , 21

(a)

19

(b)

20

(c)

15

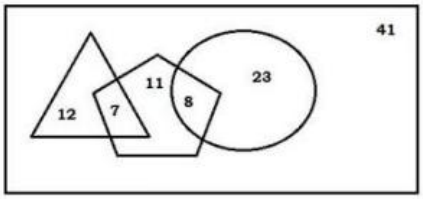
(d)

11

Answer: (c)

11.

In the given Venn diagram, the 'rectangle' represents 'ladies of a club', the 'triangle' represents 'like to dance', the 'circle' represents 'like to sing' and the 'pentagon' represents 'like to mimic'. The numbers given in the diagram represent the number of persons in that particular category.



How many ladies of the club NEITHER like to dance NOR like to mimic?

(a)
26

(b)
72

(c)
64

(d)
23

Answer: (c)

12.

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

(a)
28-164

(b)
19-114

(c)
17-102

(d)
12-72

Answer: (a)

13.

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

3 : 20 :: 7 : ?

(a)

105

(b)

100

(c)

98

(d)

96

Answer: (b)

16.

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

(a)

(b)

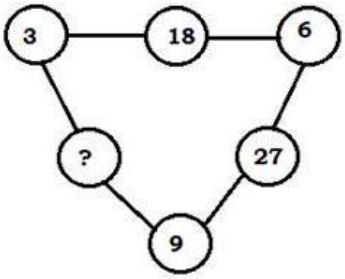
(c)

(d)

Answer: (a)

17.

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



(a)

18

(b)

38

(c)

29

(d)

54

Answer: (d)

18.

'Bangladesh' is related to 'Dhaka' in the same way as 'P tan' is related to '_____'.

(a)

Karachi

(b)

Multan

(c)

Lahore

(d)

Islamabad

Answer: (d)

19.

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

7	3	11
4	9	23
11	7	?

(a)
71

(b)
59

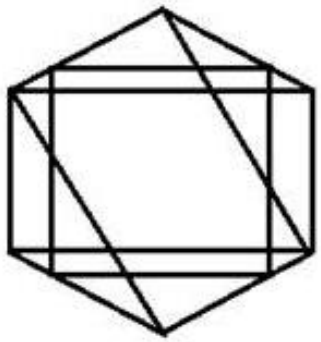
(c)
63

(d)
77

Answer: (b)

20.

How many triangles are there in the given figure?



(a)
29

(b)
21

(c)
19

(d)
31

Answer: (a)

21.

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

ABDE, FGIJ, ? , PQST, UVXY

(a)

KLNP

(b)

KLNO

(c)

KLMN

(d)

KLMO

Answer: (b)

22.

Hemant buys a dozen eggs for ₹5.50 per egg. While carrying them, two eggs get wasted when they fall down and get damaged. He sells the balance eggs at ₹7.70 per egg. Find the net profit earned by him in the overall deal.

(a)

₹11.00

(b)

₹15.40

(c)

₹15.00

(d)

₹10.70

Answer: (a)

23.

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All laptops are computers.

2. Some tablets are laptops.

Conclusions:

I. All tablets are computers.

II. Some tablets are computers.

III. Some computers are laptops.

(a)

Only conclusion III follows.

(b)

All conclusions I, II and III follow.

(c)

Only conclusions II and III follow.

(d)

Only conclusion II follows.

Answer: (c)

24.

In a certain code language, 'FIGURE' is written as 'DJEVPE'. How will ' ODE' be written as in that language?

(a)

BDANBD

(b)

BFAPBF

(c)

BDDNBD

(d)

BFDNBF

Answer: (b)

General Awareness

1. In 2018, who among the following came to the limelight by building a people's road through crowd funding that helped in connecting remote villages of Manipur?

(a) Mary Kom

(b) Irom Sharmila

(c) Dingo Singh

(d) Armstrong Pame

Answer: (d)

2. What is the bond angle (in degrees) in the structure of a benzene molecule?
   (a) 60
   (b) 150
   (c) 90
   (d) 120
   Answer: (d)

3. What is the velocity of sound in air?
   (a) 343 m/sec
   (b) 232 m/sec
   (c) 110 m/sec
   (d) 220 m/sec
   Answer: (a)

4. Which of the following states does NOT share its boundary with Madhya Pradesh?
   (a) Uttar Pradesh
   (b) Odisha
   (c) Rajasthan
   (d) Gujarat
   Answer: (b)

5. Who appoints the Advocate General of states?
   (a) Chief Minister of the state
   (b) President of India
   (c) Governor of the state
   (d) Chief Justice of the high court
   Answer: (c)

6. In the context of UN Sustainable Development Goals, which of the following pairs is INCORRECT?
   (a) Zero Hunger – SDG 2
   (b) Quality Education – SDG 3
   (c) No Poverty – SDG 1
   (d) Decent Work and Economic Growth – SDG 8
   Answer: (b)

7. According to the Jain Philosophy, the term 'Jina' means _____.
   (a) worthy
   (b) the conqueror
   (c) free from fetters
   (d) lord
   Answer: (b)

8. Which among the following heritage buildings does NOT figure among those which were dedicated to the nation by the PM Narendra Modi in during his two-day visit to West Bengal in January 2020?

(a) Old Currency Building

(b) Belur Math Temple

(c) Metcalfe House

(d) Victoria Memorial Hall

Answer: (b)

9. Which of the following is the outermost solid part of the Earth?

(a) Caldera

(b) Crust

(c) Mantle

(d) Core

Answer: (b)

10. Which of the following animals does NOT find a place in the National Emblem of India?

(a) Bull

(b) Lion

(c) Camel

(d) Horse

Answer: (c)

11. Which company recently became the 1st Indian company to hit the ₹10 Lakh Crore market valuations?

(a) Reliance

(b) Jio

(c) Airtel

(d) BSNL

Answer: (a)

12. What does 'A' stand for in 'UDAN', the initiative of the Civil Aviation Ministry?

(a) Air

(b) Aastha

(c) Aviation

(d) Aam

Answer: (d)

13. On which date is National Sports Day observed in India?

(a) 29th August

(b) 17th September

(c) 4th May

(d) 5th July

Answer: (a)

14. As of January 2020, the Make in India program was implemented by the _____.
    (a) Ministry of Heavy Industries and Public Enterprises
    (b) Ministry of Commerce and Industry
    (c) Ministry of Shipping
    (d) Ministry of Science and Technology

    Answer: (b)

15. Which team won the Federation Cup Football Tournament for the most number of times?
    (a) Bengaluru FC
    (b) Mohun Bagan AC
    (c) Salgaocar SC
    (d) East Bengal FC

    Answer: (b)

16. As of January 2020, who among the following is the Lt. Governor of Jammu and Kashmir?
    (a) Girish Chandra Murmu
    (b) Jagdish Mukhi
    (c) Lalji Tandon
    (d) Satyapal Malik

    Answer: (a)

17. How many carbon and hydrogen atoms are there in propane, respectively?
    (a) 2, 4
    (b) 4, 7
    (c) 2, 6
    (d) 3, 8

    Answer: (d)

18. Name the densest stable element known on earth.
    (a) Osmium
    (b) Tungsten
    (c) Aluminium
    (d) Rhodium

    Answer: (a)

19. With reference to dances and their native states, which of the following pairs is correct?
    (a) Yakshagana – Karnataka
    (b) Sattariya – Manipur
    (c) Kalaripayattu – Karnataka
    (d) Gomira – Uttar Pradesh

    Answer: (a)

20. Who among the following scholars is associated with the Tibet-home theory of the Aryans?
    (a) MacDonell
    (b) Max Muller
    (c) Bal Gangadhar Tilak
    (d) Dayanand Saraswati

    Answer: (d)

21. The Swaraj Party was founded by:
    (a) Sukhdev and Rajguru
    (b) Aruna Asaf Ali and Subhash Chandra Bose
    (c) Bhimrao Ambedkar and Sardar Vallabhbhai Patel
    (d) Motilal Nehru and Chittaranjan Das

    Answer: (d)

22. 'Torr' is a unit of _____.
    (a) power
    (b) pressure
    (c) energy
    (d) force

    Answer: (b)

23. The Mission of the Ramsar Convention is to conserve _____.
    (a) oceans
    (b) wetlands
    (c) deserts
    (d) rivers

    Answer: (b)

24. In which state The Jaugada Rock Edict of Asoka is located?
    (a) Andhra Pradesh
    (b) Odisha
    (c) Uttarakhand
    (d) Gujarat

    Answer: (b)

25. The 'Great Indian Novel' is authored by:
    (a) Vikram Seth
    (b) Chitra Banerjee
    (c) Arvind Adiga
    (d) Shashi Tharoor

    Answer: (d)

Quantitative Aptitude

2.

A can do a piece of work in 6days. B can do it in 9 days. With the assistance of C they completed the work in 3 days. In how many days can C alone do the work?

(a)
18

(b)
16

(c)
12

(d)
8

Answer: (a)

4.

The total number of students in a class is 65. If the total number of girls in the class is 35, then the ratio of the total number of boys to the total number of girls is:

(a)
7 : 6

(b)
6 : 7

(c)
13 : 7

(d)
7 : 13

Answer: (b)

10.

The average score in Mathematics of 90 students of sections A and B together is 49. The number of students in A was 25% more than that of B, and the average score of the students in B was 20% higher than that of the students in A. What is the average score of the students in A?

(a)
45

(b)
45.5

(c)
44

(d)
44.5

Answer: (a)

13.

What is the area of a triangle whose sides are 3 cm, 5 cm and 4 cm?

(a)

$6\ cm^2$

(b)

$2\sqrt{3}\ cm^2$

(c)

$3\ cm^2$

(d)

$2\sqrt{6}\ cm^2$

Answer: (a)

14.

Solve the following.

$$\left(\frac{\sin 27^o}{\cos 63^o}\right) - \left(\frac{\cos 27^o}{\sin 63^o}\right)^2$$

(a)

1

(b)

0

(c)

-1

(d)

2

Answer: (b)

16.

What is the remainder when we divide $5^{70} + 7^{70}$ by 74?

(a)

5

(b)

0

(c)

7

(d)

1

Answer: (b)

17.

$25a^2 - 9$ is factored as:

(a)

$(5a + 3)(5a - 3)$

(b)

$(5a - 3)^2$

(c)

$(25a + 1)(a - 9)$

(d)

$(5a + 1)(5a - 9)$

Answer: (a)

23.

The following table shows the percentage distribution of the population of five states, A, B, C, D and E on the basis of the poverty line and also on the basis of sex.

State	Percentage of population below the poverty line	Proportion of Males and Females	
		Below poverty line	Above poverty line
		Males: Females	Males: Females
A	15	5:3	4:3
B	25	1:2	2:3
C	19	3:2	4:5
D	35	1:2	2:3
E	24	3:5	6:7

If the population of males below the poverty line for State C is 3 million, then what is the total population of State C?

(a)

23.361 million

(b)

24.486 million

(c)

26.316 million

(d)

25.617 million

Answer: (c)

25.

A trader marks his goods at 60% above the cost price and allows a discount of 25%. What is his gain percent?

(a) 30%

(b) 25%

(c) 20%

(d) 40%

Answer: (c)

English Comprehension

1. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

I do not see <u>some reasons why</u> my application should be rejected.

(a) No improvement

(b) any reason why

(c) some reason for

(d) many reasons so

Answer: (b)

2. Select the correct passive form of the give[illegible]nce. She is teaching French to children.

(a) Children were taught French by her.

(b) Children are being taught French by her.

(c) Children are taught French by her.

(d) Children have been taught French by her.

Answer: (b)

3. Select the INCORRECTLY spelt word.

(a) Eighty

(b) Fourty

(c) Fifty

(d) Ninety

Answer: (b)

4. Select the most appropriate ANTONYM of the given word. Malice

(a) Goodwill

(b) Hypocrisy

(c) Humility

(d) Truth

Answer: (a)

5. Select the most appropriate ANTONYM of the given word. Foul
   (a) Nasty
   (b) Fair
   (c) Vile
   (d) Proud

   Answer: (b)

6. Select the most appropriate meaning of the given idiom. Cut and dried
   (a) Already decided
   (b) Badly hurt
   (c) Dead and gone
   (d) Very old

   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.
>
> The Matryoshka doll is also called the Russian nesting doll. It is a set (1)_____ wooden dolls decreasing in size and (2)_____ inside one another. The first such set (3)_____ in 1890. The figures inside may be of (4)_____ gender. The smallest doll is the baby, made from (5)_____ single piece of wood.

7. Select the most appropriate option to fill in blank number (1).
   (a) for
   (b) in
   (c) by
   (d) of

   Answer: (d)

8. Select the most appropriate option to fill in blank number (2).
   (a) placed
   (b) occupied
   (c) located
   (d) situated

   Answer: (a)

9. Select the most appropriate option to fill in blank number (3).
   (a) made
   (b) is made
   (c) has been made
   (d) was made

   Answer: (d)

10. Select the most appropriate option to fill in blank number (4).
    (a) neither
    (b) some
    (c) either
    (d) every
    Answer: (c)

11. Select the most appropriate option to fill in blank number (5).
    (a) a
    (b) the
    (c) each
    (d) an
    Answer: (a)

12. Select the INCORRECTLY spelt word.
    (a) Corresspond
    (b) Colleague
    (c) Commission
    (d) Committee
    Answer: (a)

13. Select the word which means the same as the group of words given. To rise in value
    (a) Appreciate
    (b) Extend
    (c) Depreciate
    (d) Enlarge
    Answer: (a)

14. Fill in the blank with the most appropriate word. Beautiful red roses _____ the bride's hair.
    (a) adorned
    (b) allured
    (c) adjourned
    (d) attracted
    Answer: (a)

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

The people were scared because the burglar was <u>at large.</u>
    (a) behind bars
    (b) very dangerous
    (c) not caught
    (d) very famous
    Answer: (c)

16. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. While the long thin ones are most common, there are many other varieties.
B. Noodles are the staple food in many cultures across the world.
C. They are then served with a sauce or in soup.
D. However, all varieties are usually cooked in boiling water.

(a) BADC
(b) BDAC
(c) BCAD
(d) BCDA

Answer: (a)

17. Fill in the blank with the most appropriate word. The speaker _____ the audience with his fine speech.

(a) depressed
(b) expressed
(c) suppressed
(d) impressed

Answer: (d)

18. Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error' Plenty of information were given to me at the tourist office.

(a) were given to me
(b) No error
(c) Plenty of information
(d) at the tourist office

Answer: (a)

19. Select the most appropriate synonym of the given word. Assault

(a) Anxiety
(b) Anger
(c) Attack
(d) Alibi

Answer: (c)

20. Select the correct indirect form of the given sentence. The Principal has said, "Mr. Surinder will coach the football team."

(a) The Principal has said that Mr. Surinder would coach the football team.
(b) The Principal has said that Mr. Surinder will coach the football team.
(c) The Principal said that Mr. Surinder would coach the football team.
(d) The Principal has asked that will Mr. Surinder coach the football team.

Answer: (b)

21. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. I found he was an old sailor and knew all the seafaring men in Bristol.
B. So, I engaged him on the spot to be the ship's cook but he proved to be much more.
C. He had lost his health ashore and wanted a berth as cook to get to the sea again.
D. I was standing on the dock when by accident I fell in talk with a stranger.

(a) DACB
(b) CBAD
(c) DBAC
(d) BACD

Answer: (a)

22. Select the word which means the same as the group of words given. To brighten up with lights

(a) Illuminate
(b) Illustrate
(c) Infuriate
(d) Elucidate

Answer: (a)

23. Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error' As a little child she was afraid from darkness.

(a) No error
(b) As a little child
(c) she was afraid
(d) from darkness

Answer: (d)

24. Select the most appropriate synonym of the given word. Thrive

(a) Shrink
(b) Languish
(c) Crave
(d) Flourish

Answer: (d)

25. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Having <u>being warn before</u> , he did not repeat the mistake.

(a) No improvement
(b) been warned before
(c) being warned before
(d) be warned before

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

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

General Awareness

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

Quantitative Aptitude

2	**(a)**	4	**(b)**	10	**(a)**	13	**(a)**	14	**(b)**	16	**(b)**	17	**(a)**	23	**(c)**
25	**(c)**														

English Comprehension

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