PREVIOUS YEAR PAPER

SSC CGL 2019 Tier I — 6 March 2020, Shift 1

SSC CGL · 6 March 2020 · 10:00 AM - 11:00 AM

80 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: 20 (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, 10:00 AM - 11:00 AM. 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-1/

General Intelligence and Reasoning

1.

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

(a) Saxophone

(b) Trumpet

(c) Clarinet

(d) Xylophone

Answer: (d)

3.

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

62, 66, 74, 90, ?

(a) 116

(b) 120

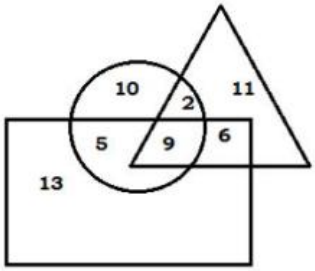
(c) 106

(d) 122

Answer: (d)

6.

In the given Venn diagram, the 'rectangle' represents 'travellers who like to travel by plane', the 'circle' represents 'travellers who like to travel by bus', and the 'triangle' 'represents travellers who like to travel by train'. The numbers given in the diagram represent the number of travellers in that particular category.



How many travellers like to travel either by train or plane but NOT by bus?

(a)

27

(b)

36

(c)

30

(d)

29

Answer: (c)

7.

Select the letter-cluster that can replace the [illegible]ior [illegible]rk (?) in the following series.

ADG, CGK, EJO, ? , IPW

(a)

GNS

(b)

GMS

(c)

GMZ

(d)

GNZ

Answer: (b)

8.

In a certain code language, 'DKQX' is written as 'WPJC'. How will 'AFKP' be written as in that language?

(a)
ZUPK

(b)
ZUQJ

(c)
ZVQL

(d)
ZTOK

Answer: (a)

10.

Select the option in which the words share the same relationship as that shared by the given pair of words.

North : South

(a)
Integrity : Honesty

(b)
Frown : Smile

(c)
Ductile : Bendable

(d)
Whole : Total

Answer: (b)

11.

'Astronomy' is related to 'Stars' in the same way as 'Agronomy' is related to '_____'.

(a)
Mines

(b)
Emotions

(c)
Crops

(d)
Planets

Answer: (c)

12.

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)

FBL

(b)

DDP

(c)

GCV

(d)

BJT

Answer: (c)

13.

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: (c)

15.

Arrange the following words in a logical and meaningful order.

1. Quadrillion
2. Quintillion
3. Million
4. Octillion
5. Trillion

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

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

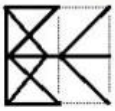
(c)
2-3-5-1-4

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

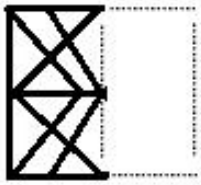
Answer: (b)

18.

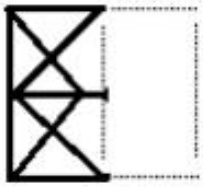
Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.



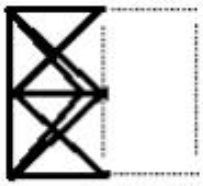
(a)



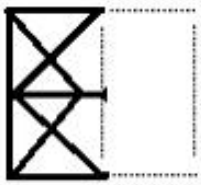
(b)



(c)



(d)



Answer: (c)

19.

In a certain group of men and horses, the total number of legs is 14 more than twice the number of heads. How many horses are there in the group?

(a)

7

(b)

11

(c)

5

(d)

9

Answer: (a)

20.

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

A, E, I, ? , Q, U

(a)

O

(b)

K

(c)

N

(d)

M

Answer: (d)

22.

In a certain code language, 'PAGE' is coded as '161495'. How will 'PART' be coded as in that language?

(a)

16125020

(b)

16128620

(c)

16132420

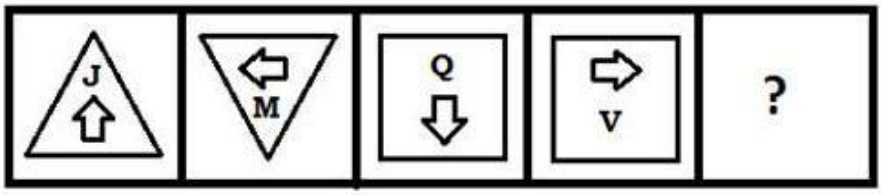
(d)

16136220

Answer: (c)

24.

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



(a)

(b)

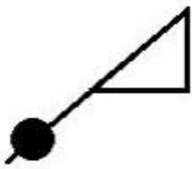
(c)

(d)

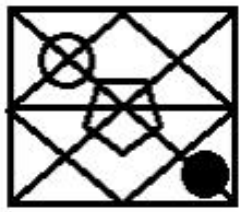
Answer: (b)

25.

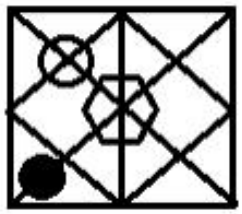
Select the option in which the given figure is embedded (rotation is not allowed).



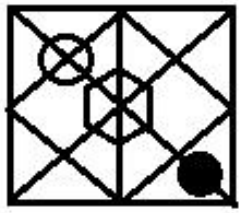
(a)



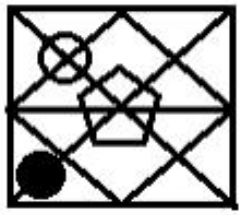
(b)



(c)



(d)



Answer: (d)

General Awareness

1. Which of the following gases is consistently seen to be most abundant in a volcanic eruption?
   (a) Hydrogen Sulphide
   (b) Sulphur Dioxide
   (c) Water vapour
   (d) Carbon Dioxide
   Answer: (c)

2. Mehrunnisa who was known as Nur Jahan was the wife of _____.

(a) Shah Jahan

(b) Akbar

(c) Jahangir

(d) Aurangzeb

Answer: (c)

3. Which of the following is a natural flame retardant?

(a) Skin

(b) Flowers

(c) DNA

(d) RNA

Answer: (c)

4. Who is the first General of the Indian Army, whose retirement day is celebrated as the 'Armed Forces Veterans Day' every year?

(a) General Maharaj Rajendra Sinhji

(b) General S.M. Srinagesh

(c) General K.S. Thimayya

(d) General K. M. Cariappa

Answer: (d)

5. In which year did D.C. Sircar publish Indian Epigra and Indian Epigraphical Glossary?

(a) 1964-65

(b) 1966-67

(c) 1965-66

(d) 1967-68

Answer: (c)

6. Which International organisation released the ‘World Energy Outlook 2019’ Report?

(a) International Energy Agency

(b) United Nations

(c) World Trade Organisation

(d) UNESCO

Answer: (a)

7. Alyssa Healy who created a world record by becoming the highest scorer in women's T20I, belongs to _____.

(a) Japan

(b) India

(c) Australia

(d) Canada

Answer: (c)

8. Which leader gave us the C R Formula?
   (a) C. Rajagopalachari
   (b) Mahatma Gandhi
   (c) Tilak
   (d) C. R. Das
   Answer: (a)

9. In the sequence of planets in the Solar system, which planet comes in between Mercury and Earth?
   (a) Uranus
   (b) Jupiter
   (c) Venus
   (d) Mars
   Answer: (c)

10. Which of the following is the first South Asian country to call match-fixing a crime?
   (a) India
   (b) Nepal
   (c) Sri Lanka
   (d) Pakistan
   Answer: (c)

11. Madhavpur Mela takes place in _____.
   (a) Madhya Pradesh
   (b) Maharashtra
   (c) Uttar Pradesh
   (d) Gujarat
   Answer: (d)

12. Name the Indian wrestler who has been named the Junior Freestyle Wrestler of the year (2019) by United World Wrestling (UWW).
   (a) Amita Bagchi
   (b) B.P. Raju
   (c) Deepak Punia
   (d) Kamareddy
   Answer: (c)

13. Name the only metal that is antibacterial.
   (a) Sodium
   (b) Copper
   (c) Iron
   (d) Aluminium
   Answer: (b)

14. Merchant discount rate refers to _____.
    (a) the total discount a merchant offers on online transactions
    (b) the total discount a bank offers to the merchant for promoting online transactions
    (c) only taxes that a digital payment entails
    (d) the rate charged to a merchant for payment processing services on debit and credit card transactions

    Answer: (d)

15. Who performs the task of capturing oxygen in the blood?
    (a) Red blood cells
    (b) Haemoglobin
    (c) Chlorophyll
    (d) White blood cells

    Answer: (b)

16. UN Women propose to partner with _____ gender park with an aim to secure gender parity in South Asia.
    (a) Kerala's
    (b) Punjab's
    (c) Haryana's
    (d) Rajasthan's

    Answer: (a)

17. Which of the following diseases is NOT transmitt from one person to another?
    (a) Hepatitis B
    (b) Syphilis
    (c) Cirrhosis
    (d) AIDS

    Answer: (c)

18. If the inflation in an economy is rising steadily, the Central Bank might _____.
    (a) decrease the repo rate
    (b) increase the repo rate
    (c) decrease the reverse repo rate
    (d) keep the repo rate unchanged

    Answer: (b)

19. When did the Vikrama Era begin?
    (a) 55 BC
    (b) 47 BC
    (c) 57 BC
    (d) 50 BC

    Answer: (c)

20. To which of the following Indian states does Mardani Khel, one of the famous martial art forms in India belong?

(a) Uttar Pradesh

(b) Rajasthan

(c) Madhya Pradesh

(d) Maharashtra

Answer: (d)

21. The SDG India index is developed by _____.

(a) Ministry of Environmental, Forests and Climate Change

(b) World Bank

(c) Ministry of Home Affairs

(d) NITI Aayog

Answer: (d)

22. The Supreme Court has declared access to the internet a fundamental right under Article _____ of the Indian Constitution.

(a) 14

(b) 19

(c) 21

(d) 17

Answer: (b)

23. Which Indian journalist was honoured with India Most Powerful Woman in Media Award during the prestigious Confluence Excellence Awards ceremony held in the British parliament on 27 September 2019?

(a) Anubha Bhonsle

(b) Sunetra Chaudhary

(c) Kalli Puri

(d) Sona Choudhary

Answer: (c)

24. On which river and in which state is the Jayakwadi dam situated?

(a) Ravi river - Punjab

(b) Banas river - Rajasthan

(c) Godavari river - Maharashtra

(d) Periyar river - Kerala

Answer: (c)

25. Which of the following is the primary sex organ in females?

(a) Vagina

(b) Ovary

(c) Uterus

(d) Fallopian tube

Answer: (b)

Quantitative Aptitude

1.

Two tangents PA and PB are drawn to a circle with centre O from an external point P. If $\angle OAB = 30°$, then $\angle APB$ is:

(a)
$120°$

(b)
$30°$

(c)
$15°$

(d)
$60°$

Answer: (d)

4.

The average of the marks of 30 boys is 88, and when the top two scores were excluded, the average marks reduced to 87.5. If the top two scores differ by 2, then the highest mark is:

(a)
92

(b)
96

(c)
94

(d)
90

Answer: (b)

5.

If $xcosA - ysinA = 1$ and $xsinA + ycosA = 4$, then the value of $17x^2 + 17y^2$ is:

(a)
0

(b)
7

(c)
49

(d)
289

Answer: (d)

6.

A circular disc of area 0.64π m^2 rolls down a length of 1.408 km. The number of revolutions it makes is:

(Take $\pi = \frac{22}{7}$)

(a)
280

(b)
360

(c)
140

(d)
180

Answer: (a)

9.

If $a + b + c = 9$ and $ab + bc + ca = -22$, then the value of $a^3 + b^3 + c^3 - 3abc$ is:

(a)
783

(b)
1323

(c)
1571

(d)
487

Answer: (b)

10.

A shopkeeper marks the price of an article in such a way that after allowing a discount of 22%, he gets a gain of 11%. If the marked price is ₹888, then the cost price of the article is:

(a)
₹624

(b)
₹782

(c)
₹550

(d)
₹895

Answer: (a)

12.

If the area of an equilateral triangle is $36\sqrt{3}\ \text{cm}^2$, then the perimeter of the triangle is:

(a)

$36\sqrt{3}$ cm

(b)

36 cm

(c)

$18\sqrt{3}$ cm

(d)

12 cm

Answer: (b)

15.

In the following table, the production of various crops (in tonnes) is given from 2015 to 2019. Study the table and answer the questions that follow.

Year	Rice	Wheat	Sugarcane	Barley	Maize
2015	415	2500	1000	975	490
2016	520	4218	1120	825	520
2017	585	3482	1250	700	610
2018	625	4500	1325	625	725
2019	600	3300	1450	775	840

The average production of wheat (in tonnes) in the period given in the table is:

(a)

3600

(b)

3482

(c)

3300

(d)

4218

Answer: (a)

17.

What will be the difference in compound interest on a sum of ₹7,800 at 8% for 1 year, when the interest is paid yearly and half yearly?

(a)

₹29.18

(b)

₹12.48

(c)

₹24.72

(d)

₹19.46

Answer: (b)

18.

In the following table, the production of various crops (in tonnes) is given from 2015 to 2019. Study the table and answer the questions that follow.

Year	Rice	Wheat	Sugarcane	Barley	Maize
2015	415	2500	1000	975	490
2016	520	4218	1120	825	520
2017	585	3482	1250	700	610
2018	625	4500	1325	625	725
2019	600	3300	1450	775	840

The difference (in tonnes) between the average production of barley and average production of rice is:

(a)

231

(b)

780

(c)

549

(d)

471

Answer: (a)

20.

A student takes 1.25 hours to travel from home to school at a speed of 4 km/h. By what percentage should he increase his speed to reduce the time by 25% to cover the same distance from school to home?

(a)

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

(b)

50%

(c)

45%

(d)

25%

Answer: (a)

23.

The population of a city increased by 30% in the first year and decreased by 15% in the next year. If the present population is 11,050 then the population 2 years ago was:

(a)

10,000

(b)

99,500

(c)

99,000

(d)

10,050

Answer: (a)

24.

In the following table, the production of various crops (in tonnes) is given from 2015 to 2019. Study the table and answer the questions that follow.

Year	Rice	Wheat	Sugarcane	Barley	Maize
2015	415	2500	1000	975	490
2016	520	4218	1120	825	520
2017	585	3482	1250	700	610
2018	625	4500	1325	625	725
2019	600	3300	1450	775	840

The highest growth of sugarcane production over its previous year is recorded in the year:

(a)

2018

(b)

2016

(c)

2019

(d)

2017

Answer: (b)

25.

A metallic sphere of diameter 40 cm is melted into smaller spl[illegible].5 cm. How many such small balls can be made?

(a)

32,000

(b)

3200

(c)

64,000

(d)

6400

Answer: (c)

English Comprehension

1. Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error' Those who are late they will not be allowed inside the classroom.

(a) inside the classroom

(b) they will not be allowed

(c) Those who are late

(d) No error

Answer: (b)

2. Select the option that can be used as a one-word substitute for the given group of words/phrase. Having two opposing feelings at the same time

(a) Coinciding

(b) Ambivalent

(c) Equivalent

(d) Contemporary

Answer: (b)

3. 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.

We came back because <u>we had ran</u> out of money.

(a) No improvement

(b) we had run

(c) we run

(d) we have ran

Answer: (b)

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

(a) Insist

(b) Remain

(c) Cease

(d) Continue

Answer: (c)

5. Select the correct passive form of the given sentence. The farmer is ploughing the fields.

(a) The fields have been ploughed by the farmer.

(b) The fields are being ploughed by the farmer.

(c) The fields were ploughed by the farmer.

(d) The fields are ploughed by the farmer.

Answer: (b)

6. Select the correct indirect form of the given sentence. "What a rare flower!" she said.
   (a) She exclaimed that it was a very rare flower.
   (b) She told that what a rare flower it was.
   (c) She exclaimed what a rare flower it is.
   (d) She asked if it was a rare flower.

   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.
>
> Atlas was made to hold the sky up on his shoulders as a punishment. Once, Hercules (1)_____ to hold it for Atlas while the latter went looking (2)_____ golden apples. When Atlas returned, he saw Hercules (3)_____ hard to hold the sky. The weight of the sky (4)_____ Hercules sweat and groan. Now Atlas did not want to (5)_____ a job as arduous as that!

7. Select the most appropriate option to fill in blank 1.
   (a) afforded
   (b) ordered
   (c) offered
   (d) extended

   Answer: (c)

8. Select the most appropriate option to fill in blank 2.
   (a) for
   (b) on
   (c) at
   (d) after

   Answer: (a)

9. Select the most appropriate option to fill in blank 3.
   (a) coping
   (b) struggling
   (c) tackling
   (d) seeking

   Answer: (b)

10. Select the most appropriate option to fill in blank 4.
   (a) was making
   (b) has made
   (c) were making
   (d) make

   Answer: (a)

11. Select the most appropriate option to fill in blank 5.

(a) take back

(b) take out

(c) take away

(d) take in

Answer: (a)

12. Select the most appropriate option to fill in the blank. The roof of the old building _____ during the storm.

(a) destroyed

(b) scratched

(c) demolished

(d) collapsed

Answer: (d)

13. 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.

When it started raining, I ran to <u>the nearer house</u> for shelter.

(a) a near house

(b) the near house

(c) No improvement

(d) the nearest house

Answer: (d)

14. Select the wrongly spelt word.

(a) Sieze

(b) Fierce

(c) Piece

(d) Grief

Answer: (a)

15. Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error' Everyone except she have travelled by air.

(a) Everyone except

(b) No error

(c) she have

(d) travelled by air

Answer: (c)

16. Select the option that can be used as a one-word substitute for the given group of words/ phrase. A group of ships

(a) fleet

(b) colony

(c) swarm

(d) squad

Answer: (a)

17. Select the most appropriate ANTONYM of the given word. Glee

(a) Woe

(b) Bliss

(c) Joy

(d) Fun

Answer: (a)

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

(a) Preparation

(b) Censure

(c) Creation

(d) Applause

Answer: (d)

19. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Much of this war had taken place along the Western Front.

B. Both sides had dug in deep and each lost ground over little ground.

C. This front was a line of trenches across which the two sides faced each other.

D. Andre Maginot had fought a war with the French against the Germans.

(a) ACDB

(b) BCDA

(c) DACB

(d) DBCA

Answer: (c)

20. Select the most appropriate meaning of the given idiom. Chicken-hearted

(a) Cowardly

(b) Generous

(c) Miserly

(d) Selfish

Answer: (a)

21. Select the most appropriate meaning of the given idiom. By and by

(a) Suddenly

(b) Gradually

(c) By any means

(d) On the whole

Answer: (b)

22. Select the most appropriate option to fill in the blank. She _____ how the magician had performed the rope trick.

(a) suspected

(b) wondered

(c) bewildered

(d) puzzled

Answer: (b)

23. Select the INCORRECTLY spelt word.

(a) Acquaintence

(b) Abandon

(c) Alliance

(d) Acquisition

Answer: (a)

24. Select the most appropriate synonym of the give ord. Preferred

(a) Compared

(b) Adored

(c) Feared

(d) Favoured

Answer: (d)

25. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. The mountain range was covered with snow.
B. Napoleon had to cross the Alps in winter.
C. Napoleon replied that the word 'impossible' did not exist for him.
D. So, someone told Napoleon that the task was impossible.

(a) ADBC

(b) DBCA

(c) BADC

(d) BDCA

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	**(d)**	3	**(d)**	6	**(c)**	7	**(b)**	8	**(a)**	10	**(b)**	11	**(c)**	12	**(c)**
13	**(c)**	15	**(b)**	18	**(c)**	19	**(a)**	20	**(d)**	22	**(c)**	24	**(b)**	25	**(d)**

General Awareness

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

Quantitative Aptitude

1	**(d)**	4	**(b)**	5	**(d)**	6	**(a)**	9	**(b)**	10	**(a)**	12	**(b)**	15	**(a)**
17	**(b)**	18	**(a)**	20	**(a)**	23	**(a)**	24	**(b)**	25	**(c)**				

English Comprehension

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