PREVIOUS YEAR PAPER

SSC CGL 2018 Tier I — 7 June 2019, Shift 1

SSC CGL · 7 June 2019 · 10:00 AM - 11:00 AM

82 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: 18 (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 June 2019, 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-2018-tier-1-7-jun-shift-1/

General Intelligence and Reasoning

1.

Choose the set of numbers that is similar to the following set.

(4, 12, 16)

(a)
(81, 36, 9)

(b)
(64, 36, 100)

(c)
(16, 20, 25)

(d)
(36, 25, 49)

Answer: (b)

2.

In a code language, STROKE is written as FLPSUT. How would BRIGHT be written in the same code language?

(a)
UIHJSC

(b)
CSJHIU

(c)
SGFHQA

(d)
UJHHCS

Answer: (a)

3.

A letter series is given below in which some letters are missing. Select the option that gives the letters that can fill these blanks in that order.

ba_d_cb_cdb_ba_dbc

(a)

cbcad

(b)

cbacc

(c)

abbdc

(d)

bcabc

Answer: (b)

4.

Three of the four numbers are alike in a certain way and one is different. Pick the odd number out.

(a)

325

(b)

416

(c)

544

(d)

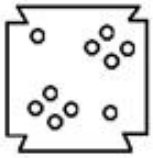
143

Answer: (c)

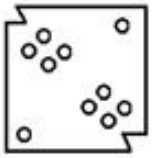
5.

A square paper is folded and cut as shown below. How will it appear when unfolded?

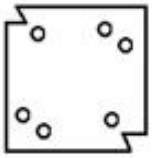
(a)



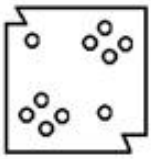
(b)



(c)



(d)



Answer: (d)

7.

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

3, 5, 10, 20, 37, ?

(a)

58

(b)

61

(c)

69

(d)

63

Answer: (d)

9.

If SMOKE is coded as 81643 and PRANK is coded as 72954, how would you code ROSE?

(a)

2682

(b)

3276

(c)

9238

(d)

2683

Answer: (d)

10.

Select the number pair in which the two numbers are related in the same way as the two numbers of the pair given below.

35 : 5

(a)

63 : 7

(b)

135 : 12

(c)

99 : 10

(d)

48 : 7

Answer: (a)

14.

Two rotated positions of a dice are given below. Which number will be at the top if the number 4 is on the bottom of the dice?

(a)

6

(b)

2

(c)

1

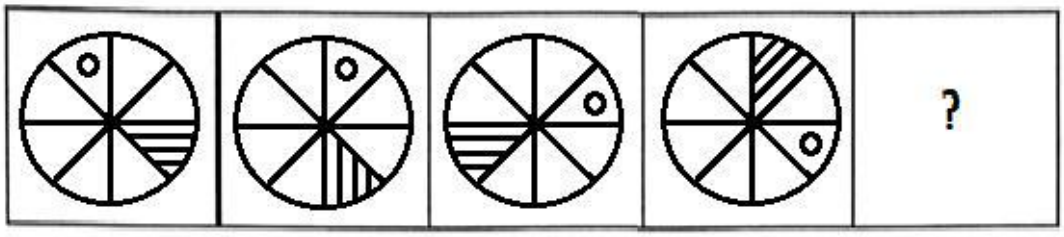
(d)

4

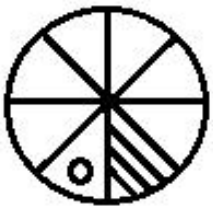
Answer: (b)

15.

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



(a)



(b)

(c)

(d)

Answer: (c)

16.

A contractor planned to finish a work in 12 days and employed a certain number of men. However, 6 of them remained absent from the very first day. The rest could finish the work in 20 days. The number of men originally employed were:

(a)
15

(b)
18

(c)
20

(d)
24

Answer: (a)

18.

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

(a) DEFG

(b) JMPS

(c) WVUS

(d) NPRT

Answer: (c)

19.

Choose the set of numbers that is similar the following set.

(8, 28, 6)

(a)
(12, 48, 14)

(b)
(17, 70, 13)

(c)
(5, 26, 9)

(d)
(3, 20, 7)

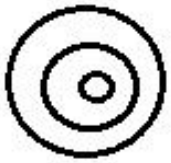
Answer: (d)

20.

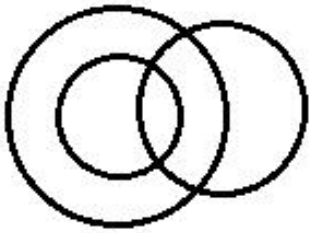
Choose the Venn diagram that best illustrates the relationship among the following classes:

Crocodiles, Aquatic animals, Reptiles

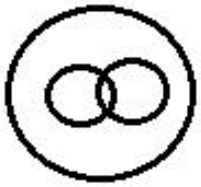
(a)



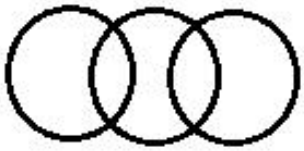
(b)



(c)



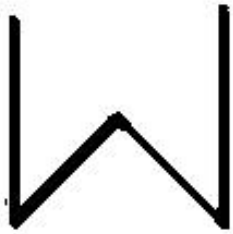
(d)



Answer: (b)

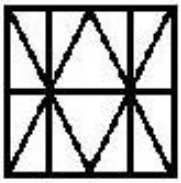
22.

Select the figure in which the given figure is embedded.



(a)

(b)



(c)

(d)

Answer: (c)

24.

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

FKPV : HIRT :: BHMR : ?

(a) EEPO

(b) DFKT

(c) DFOP

(d) ZJKT

Answer: (c)

General Awareness

1. The leader of the Bhakti movement focusing on Lord Rama was _____.

(a) Jaydeva

(b) Vivekanada

(c) Ramananda

(d) Namdeva

Answer: (c)

2. The Vivekananda rock Memorial is locat _____.

(a) Ladakh

(b) Andaman

(c) Kanyakumari

(d) Srinagar

Answer: (c)

3. Which of the following are amongst the few carbon-containing compounds NOT classified as organic ?

(a) Methane

(b) Cyanides

(c) Nucleic acids

(d) Propane

Answer: (b)

4. The motto of Special Olympics World Games 2019 was _____.

(a) “Let me win as I am a winner"

(b) “Let me win and prove."

(c) “Let me win or lose, it's fine."

(d) “Let me win. But if I cannot win, let me be brave in the attempt."

Answer: (d)

5. What is Marble Cancer?

(a) Corrosion of marble due to acid rain

(b) Disease in animals due to marble mines

(c) Soil degradation due to marble mines

(d) Cancer in human due to working in mines

Answer: (a)

6. _____was named People for the Ethical Treatment of Animals (PETA) India's Person of the Year for 2018.

(a) Sonam Kapoor

(b) Sushmita Sen

(c) Yukta Mookhey

(d) Dia Mirza

Answer: (a)

7. The leading light of the Rama cult was saint-poet _____who also wrote the poem 'Ramacharitamanasa'.

(a) Chaitanya

(b) Tulsidas

(c) Nimbarka

(d) Vallabhacharya

Answer: (b)

8. Global Business Summit 2019 was held in _____.

(a) New Delhi

(b) Mumbai

(c) Jamnagar

(d) Bengaluru

Answer: (a)

9. Asian Development Bank (ADB) in its Outlook Supplement has retained India’s growth forecast at 7.3% for the current fiscal (2018-19) and ____% for the following financial year (2019-20).

(a) 7.9

(b) 8

(c) 7.6

(d) 8.6

Answer: (c)

10. _____was the first Mughal emperor in India.

(a) Humayun

(b) Babur

(c) Akbar

(d) Shah Jahan

Answer: (b)

11. Admiral _____ assumed command of the Indian Navy on 31 May 2019 as the 24th Chief of the Naval Staff.

(a) Bipin Rawat

(b) Karambir Singh

(c) Sunil Lanba

(d) Bimal Verma

Answer: (b)

12. In March 2019, Indian-American television personality and food expert _____ was appointed by the United Nations Development Programme as its new Goodwill Ambassador.

(a) Annet Mahendru

(b) Aziz Ansari

(c) Priyanka Chopra

(d) Padma Lakshmi

Answer: (d)

13. Which of the following gases reduces the oxyge arrying capacity of the blood?

(a) Nitrous oxide

(b) Carbon monoxide

(c) Carbon dioxide

(d) Nitric oxide

Answer: (b)

14. Which city in India is the least populated according to the 2011 census?

(a) Datia

(b) Banswara

(c) Nagda

(d) Kapurthala

Answer: (d)

15. Metal oxides are _____ in nature.

(a) acidic

(b) neutral

(c) organic

(d) basic

Answer: (d)

16. Bihar Diwas is celebrated on_____ across the state to commemorate the day when Bihar was carved out of the Bengal Presidency in the year 1912.

(a) 21st December

(b) 21st January

(c) 22nd March

(d) 22nd February

Answer: (c)

17. In March 2019, Superstats, a new metrics to analyse the game of____ was launched by Indian Institute of Technology (IIT) Madras researchers and ESPNcricinfo experts.

(a) tennis

(b) cricket

(c) football

(d) badminton

Answer: (b)

18. In March 2019, India extended a financial grant of ____Nepalese rupees for the construction of an educational campus in Nepal under the Development Partnership Programme.

(a) 55.5 million

(b) 35.5 million

(c) 25.5 million

(d) 45.5 million

Answer: (b)

19. The terms 'Jat and Sawar' are related to which of the following administrative systems?

(a) Iqtadari System

(b) Jotedari System

(c) Mansabdari System

(d) Zamindari System

Answer: (c)

20. In case the President of India wants to resign, he would address his resignation to the _____.

(a) Prime Minister of India

(b) Chief Election Commissioner of India

(c) Chief Justice of India

(d) Vice President of India

Answer: (d)

21. In which of the following forts of Rajasthan 'chattris' (cenotaphs) are built in honour of Jaimal and Kalla, heroes, who laid down their lives in the 1568 siege by Emperor Akbar?

(a) Amer Fort

(b) Chittorgarh Fort

(c) Kumbhalgarh Fort

(d) Ranathambhor Fort

Answer: (b)

22. Which is the most populous state according to the 2011 census?
    (a) Uttar Pradesh
    (b) Bihar
    (c) Rajasthan
    (d) Maharashtra

    Answer: (a)

23. Tsunami is caused by _____.
    (a) underwater volcanic activity
    (b) lower atmospheric pressure
    (c) strong winds driving water onshore
    (d) rocks underground suddenly breaking

    Answer: (a)

24. In case of death of the President and the Vice President of India, the _____will act as the President of India.
    (a) Chief Justice of India
    (b) Prime Minister of India
    (c) Attorney General of India
    (d) Parliament chosen candidate

    Answer: (a)

25. Pollination by birds is called:
    (a) entomophily
    (b) anemophily
    (c) ornithophily
    (d) autogamy

    Answer: (c)

Quantitative Aptitude

1.

If $(x^3 - 2\sqrt{2}\,y^3) \div (x - \sqrt{2}\,y) = (Ax^2 + Bxy + Cy^2)$ then, $(2A + 4\sqrt{2}\,B - 4C) = ?$

(a)
4

(b)
2

(c)
1

(d)
0

Answer: (b)

2.

If $x^4 - 6x^2 - 1 = 0$, then the value of $x^6 - 5x^2 + \frac{5}{x^2} - \frac{1}{x^6} + 5$ is:

(a)

219

(b)

209

(c)

204

(d)

239

Answer: (b)

3.

AB is a diameter of a circle with centre O. CB is a tangent to the circle at B. AC intersects the circle at G. If the radius of the circle is 6 cm and AG = 8 cm, then the length of BC is:

(a)

$2\sqrt{5}$ cm

(b)

$6\sqrt{6}$ cm

(c)

$2\sqrt{6}$ cm

(d)

$6\sqrt{5}$ cm

Answer: (d)

4.

The table shows the production of different types of cars (in thousands).

Car \ Year	2012	2013	2014	2015	2016
A	46	48	56	57	64
B	54	61	63	60	70
C	44	45	67	63	76
D	46	49	57	55	72
E	48	55	64	65	68

If the data related to the production of type E cars is represented by a pie-chart, then the central angle of the sector representing production of cars in 2013 will be:

(a)

$66°$

(b)

$76.8°$

(c)

$81.6°$

(d)

$78°$

Answer: (a)

5.

A dealer buys an article at a discount of 20% on its list price and marks it at 7 above the list price. If he allows a 20% discount on the new list price, then his profit percent is:

(a)

24

(b)

25

(c)

20

(d)

27

Answer: (b)

6.

The value of $\frac{1}{\sec x - \tan x} - \frac{1}{\cos x}$, $0° \angle x \angle 90°$, is equal to:

(a)
$2\sec x$

(b)
$\tan x$

(c)
$2\cos x$

(d)
$\cot x$

Answer: (b)

7.

If a 10-digit number $1330x558y2$ is divisible by 88, then the value of $(x + y)$ is:

(a)
7

(b)
9

(c)
6

(d)
8

Answer: (b)

8.

The table shows the production of different types of cars (in thousands).

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A	46	48	56	57	64
B	54	61	63	60	70
C	44	45	67	63	76
D	46	49	57	55	72
E	48	55	64	65	68

The average production of type C cars during 2012 to 2016 is approximately what percent less than the total production of type D cars in 2012 and type E cars in 2014?

(a)

46.4%

(b)

49.2%

(c)

48.6%

(d)

42.8%

Answer: (a)

9.

If $\tan^2\theta - 3\sec\theta + 3 = 0$, $0° \angle \theta \angle 90°$, then the value of $\sin\theta + \cot\theta$ is:

(a)

$\frac{5\sqrt{3}}{6}$

(b)

$2\sqrt{3}$

(c)

$\frac{5\sqrt{3}}{3}$

(d)

$3\sqrt{3}$

Answer: (a)

10.

Sushma bought 6 tables and 12 chairs for ₹12,000. She sold the tables at a profit of 15% and the chairs at a loss of 10%. If her total gain was ₹300, then the total cost of the tables was:

(a)

₹6,000

(b)

₹5,000

(c)

₹5,400

(d)

₹4,800

Answer: (a)

12.

A circle is inscribed in a quadrilateral ABCD touching sides AB, BC, CD and AD at the points P, Q, R and S, respectively. If BP = 4 cm, SD = 6 cm and BC = 7 cm, then the length of DC is:

(a)

8 cm

(b)

9 cm

(c)

10 cm

(d)

7 cm

Answer: (b)

14.

The sides AB and AC of a ΔABC are extended to P and Q respectively. If the bisectors of $\angle PBC$ and $\angle QCB$ intersect at O, and $\angle A = 92°$, then $\angle BOC$ is equal to:

(a)

44°

(b)

46°

(c)

88°

(d)

42°

Answer: (a)

16.

In ΔABC, AD bisects $\angle A$ and intersects BC at D. If BC = a, AC = b and AB = c, then BD =?

(a)

$$\frac{ac}{b+c}$$

(b)

$$\frac{bc}{c+a}$$

(c)

$$\frac{ca}{a+b}$$

(d)

$$\frac{ab}{b+c}$$

Answer: (a)

18.

A is 20% less than B and C is 30% more than D. If D is 25% less than A, then which of the following is true?

(a)

$B = 0.39C$

(b)

$C = 0.78B$

(c)

$B = 0.78C$

(d)

$C = 0.39B$

Answer: (b)

21.

A boat can cover a distance of 7.2 km downstream and 3.2 km upstream in 2 hours. It can also cover 1.5 km downstream and 0.6 km upstream in 24 minutes. What is the speed of the boat when going downstream (in km/h)?

(a)

6

(b)

$4\frac{1}{2}$

(c)

5

(d)

$7\frac{1}{2}$

Answer: (a)

22.

A sum amounts to ₹18,600 after 3 years and to ₹27,900 after 6 years, at a certain rate percent p.a., when the interest is compounded annually. The sum is:

(a)

₹11,800

(b)

₹12,400

(c)

₹14,400

(d)

₹14,600

Answer: (b)

24.

The table shows the production of different types of cars (in thousands).

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A	46	48	56	57	64
B	54	61	63	60	70
C	44	45	67	63	76
D	46	49	57	55	72
E	48	55	64	65	68

The total production of type E cars in 2015 and type C cars in 2013 taken together is what percent of the total production of type A cars and type D cars taken together in 2016?

(a)

21.8%

(b)

21.4%

(c)

20%

(d)

22%

Answer: (c)

English Comprehension

1. In the sentence identify the segment which contains the grammatical error. She forgot lock the door when she went out in a hurry.

(a) She forgot lock

(b) she went out

(c) in a hurry

(d) the door when

Answer: (a)

2. Select the word which means the same as the group of words given. An arrangement of flowers that is usually given as a present

(a) bouquet

(b) garland

(c) wreath

(d) bundle

Answer: (a)

3. Select the synonym of the given word. PREVALENT

(a) common

(b) rare

(c) unusual

(d) different

Answer: (a)

4. Select the most appropriate word to fill in the blank. Talgo, a Spanish company is one of the major _____ of intercity, standard, and high speed passenger trains.

(a) manufacturers

(b) builders

(c) creators

(d) constructors

Answer: (a)

5. Given below are four jumbled sentences. Select the option that gives their correct order.
A. The move follows last week's fatal Ethiopian Airlines crash.
B. Aircraft manufacturer Boeing has grounded the entire global fleet of its 737 Max aircraft.
C. Last October, a plane from the Indonesia-based carrier Lion Air had also crashed under similar circumstances.
D. That was the second time in five months a 737 Max has crashed.

(a) BADC

(b) ABCD

(c) DABC

(d) BCDA

Answer: (a)

Passage — for questions 6–10

> 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 political condition of India in the eighteenth century was one of extreme disunity. (1)_____ the decline of the Mughal empire, no (2)_____ Indian power emerged to take its (3)_____ in strength and prestige and to unite the (4)_____ under a central authority. The Marathas who rose (5)_____ the position of pre-eminence among the new Indian states did not prove capable of fulfilling that task.

6. Select the most appropriate option for blank No. 1.
   (a) With
   (b) When
   (c) In
   (d) On

   Answer: (a)

7. Select the most appropriate option for blank No. 2.
   (a) another
   (b) one
   (c) more
   (d) other

   Answer: (d)

8. Select the most appropriate option for blank No. 3.
   (a) seat
   (b) place
   (c) role
   (d) niche

   Answer: (b)

9. Select the most appropriate option for blank No. 4.
   (a) territory
   (b) state
   (c) country
   (d) region

   Answer: (c)

10. Select the most appropriate option for blank No. 5.
   (a) to
   (b) on
   (c) over
   (d) at

   Answer: (a)

11. Select the synonym of the given word. LETHAL
    (a) harmless
    (b) fatal
    (c) healthy
    (d) strong
    Answer: (b)

13. Select the wrongly spelt word.
    (a) negociation
    (b) negligence
    (c) notification
    (d) necessity
    Answer: (a)

14. Select the most appropriate meaning of the given idiom. in the pink
    (a) in pink dress
    (b) in the limelight
    (c) in good health
    (d) in a happy mood
    Answer: (c)

15. In the sentence identify the segment which contai .he grammatical error. Lodi Colony in Delhi is very different from other places in the city that is c vded and noisy.
    (a) from other places
    (b) that is crowded and noisy
    (c) in the city
    (d) is very different
    Answer: (b)

16. Select the wrongly spelt word.
    (a) definate
    (b) deform
    (c) define
    (d) deflate
    Answer: (a)

17. Given below are four jumbled sentences. Select the option that gives their correct order.
A. However, new research shows that taking the dog for a walk can have its downsides for seniors.
B. Dogs are great companions and provide a healthy excuse to go for a walk and get a bit of exercise.
C. It once seemed common sense to believe that having and walking a dog was good for older people.
D. A report published in an American medical journal says injuries among seniors related to dog-walking are becoming increasingly prevalent.

(a) CBAD
(b) ADCB
(c) ABCD
(d) CABD

Answer: (a)

18. Select the most appropriate meaning of the given idiom. Lock, stock and barrel

(a) completely
(b) rarely
(c) immediately
(d) partly

Answer: (a)

19. Select the most appropriate word to fill in the blank. In the wake of the recent cross-border tensions, forces have been _____ at strategic locations for immediate action, if required.

(a) deported
(b) departed
(c) deployed
(d) deposited

Answer: (c)

20. Select the word which means the same as the group of words given. A large, deep,metal pot used for cooking over open fire

(a) barrel
(b) skillet
(c) kettle
(d) cauldron

Answer: (d)

21. Select the correct active form of the given sentence. One of the passengers was being thoroughly checked by the custom officers.

(a) The custom officers thoroughly checked one of the passengers.
(b) The custom officers were thoroughly checking one of the passengers.
(c) The custom officers have been thoroughly checking one of the passengers.
(d) One of the passengers was thoroughly checking the custom officers.

Answer: (b)

22. Select the antonym of the given word. STALE

(a) flat

(b) fresh

(c) dry

(d) sour

Answer: (b)

23. Select the correct passive form of the given sentence. Please take these students round the biscuit factory.

(a) You are requested to take these students round the biscuit factory.

(b) Let these students to be taken round the biscuit factory.

(c) These students should be taking round the biscuit factory.

(d) You must take these students round the biscuit factory.

Answer: (a)

24. Select the antonym of the given word. DENSE

(a) opaque

(b) condensed

(c) thick

(d) sparse

Answer: (d)

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

Each dancer performed <u>very well that</u> it was difficult to judge who the best was.

(a) such very well that

(b) such well that

(c) so well that

(d) No improvement

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	**(b)**	2	**(a)**	3	**(b)**	4	**(c)**	5	**(d)**	7	**(d)**	9	**(d)**	10	**(a)**
14	**(b)**	15	**(c)**	16	**(a)**	18	**(c)**	19	**(d)**	20	**(b)**	22	**(c)**	24	**(c)**

General Awareness

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

Quantitative Aptitude

1	**(b)**	2	**(b)**	3	**(d)**	4	**(a)**	5	**(b)**	6	**(b)**	7	**(b)**	8	**(a)**
9	**(a)**	10	**(a)**	12	**(b)**	14	**(a)**	16	**(a)**	18	**(b)**	21	**(a)**	22	**(b)**
24	**(c)**														

English Comprehension

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