PREVIOUS YEAR PAPER

SSC CGL 2020 Tier I — 23 August 2021, Shift 1

SSC CGL · 23 August 2021 · 9:00 AM - 10:00 AM

64 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: 36 (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 23 August 2021, 9:00 AM - 10:00 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-2020-tier-1-23-aug-shift-1/

General Intelligence and Reasoning

1. Select the option that is related to the third word in the same way as the second word is related to the first word. Toothpaste : Teeth :: Broom : ?

(a) Wash

(b) Garbage

(c) Clean

(d) Floor

Answer: (d)

3. Select the option in which the numbers are NOT related in the same way as are the numbers of the following set. (63, 76, 46)

(a) (45, 58, 28)

(b) (83, 96, 66)

(c) (69, 84, 52)

(d) (72, 85, 55)

Answer: (c)

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

(a) Lenient : Forgiving

(b) Impulsive : Hasty

(c) Indigent : Rich

(d) Insipid : Plain

Answer: (c)

6. In a certain code language, 'LOWER' is coded as '186' and 'MULISH' is coded as '320'. How will 'OPTIONAL' be coded in that language?

(a) 465

(b) 456

(c) 564

(d) 546

Answer: (b)

8. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series. G_CT_GP_T_GPC_D_PC_D

(a) P, T, T, D, D, C, G

(b) P, D, D, C, G, T, T

(c) P, C, T, D, G, T, D

(d) P, D, C, D, T, G, T

Answer: (d)

9. In a certain code language, 'PAWAN' is written as 'SCZCQ' and 'SOHAM' is written as 'VQKCP'. How will 'KIRAN' be written in that language?

(a) MJUCQ

(b) NKUCQ

(c) MJVQR

(d) NLVDQ

Answer: (b)

10. 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.

(a) 17 : 60

(b) 13 : 90

(c) 23 : 84

(d) 19 : 68

Answer: (b)

11. Select the number from among the given options that can replace the question mark (?) in the following series. 11, 13, 19, 49, 109, 239, ?

(a) 449

(b) 394

(c) 349

(d) 494

Answer: (a)

12. Select the option in which the numbers are related in the same way as are the numbers of the following set. (4, 282, 5)

(a) (3, 405, 6)

(b) (7, 152, 3)

(c) (2, 84, 4)

(d) (5, 25, 1)

Answer: (b)

14. 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: All teachers are doctors. Some professors are doctors. All professors are engineers. Conclusions:
I. All professors are doctors.
II. Some doctors are engineers.
III. Some teachers are engineers.
IV. Some teachers are professors.

(a) All conclusions I, II, III and IV follow

(b) Only conclusions I, II and IV follow

(c) Only conclusions II, III and IV follow

(d) Only conclusion II follows

Answer: (d)

15. Select the option that is related to the third number in the same way as the second number is related to the first number. 39 : 91 : : 51 : ?

(a) 125

(b) 93

(c) 178

(d) 119

Answer: (d)

16. Select the letter-cluster from among the given opt s that can replace the question mark (?) in the following series. PND, QKI, RHN, SES, ?

(a) SCX

(b) SXC

(c) TBX

(d) TXB

Answer: (c)

17. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

(a) LNJP

(b) GIEY

(c) PRNT

(d) FHDJ

Answer: (b)

18. Two numbers A and B are such that the sum of 3% of A and 6% of B is four-fifths of the sum of 4% of A and 6% of B. Find the ratio of A + B and A − B.

(a) 5 : 6

(b) 7 : 5

(c) 4 : 5

(d) 6 : 5

Answer: (b)

20. Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation. 25 * 7 * 40 * 20 * 4 * 210

(a) ×, −, +, ÷, =

(b) +, −, =, ÷, ×

(c) −, +, =, ÷, ×

(d) ×, +, −, ÷, =

Answer: (d)

21. Read the given information carefully and answer the question that follows. 'K $ D' means 'K is the father of D'. 'K < D' means 'K is the wife of D'. 'K > D' means 'K is the daughter of D'. 'K @ D' means 'K is the son of D'. How is S related to N in the expression 'H > R $ S@T > N'?

(a) Nephew

(b) Son

(c) Grandson

(d) Son-in-law

Answer: (c)

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

(a) Manama

(b) Taka

(c) Lusaka

(d) Harare

Answer: (b)

General Awareness

1. In which of the following years was the micro-credit scheme 'Street Vendor's AtmaNirbhar Nidhi' ('PM SVANidhi') launched?

(a) 2015

(b) 2017

(c) 2020

(d) 2014

Answer: (c)

2. The Indian Forest Act 1927 was enacted after repealing which of the following Indian forest acts?

(a) Indian Forest Act, 1922

(b) Indian Forest Act, 1878

(c) Indian Forest Act, 1865

(d) Indian Forest Act, 1882

Answer: (b)

3. Which of the following plant hormones regulates growth, particularly by stimulating cell elongation in stems?

(a) Ethylene

(b) Auxin

(c) Gibberellin

(d) Cytokinin

Answer: (b)

4. What do you call the property of an organism of self-regulation and the tendency to maintain a steady state within an external environment which is liable to change?

(a) Consciousness

(b) Metabolism

(c) Irritability

(d) Homeostasis

Answer: (d)

5. According to which of the following Articles of the Constitution of India shall a Money Bill not be introduced in a Legislative Council?

(a) Article 451

(b) Article 198

(c) Article 333

(d) Article 189

Answer: (b)

6. According to Ashokan edicts, how many years after becoming the king did Ashoka wage war on Kalinga?

(a) Five

(b) Eight

(c) Six

(d) Seven

Answer: (b)

7. In medicine, _____ is a device such as a small metal plate or needle that carries electricity from an instrument to a patient for treatment or surgery.

(a) an electrolyte

(b) an electrode

(c) a venturimeter

(d) a machmeter

Answer: (b)

8. At which of the following places was the ‘Street Theatre and Performing Arts Fellowship’ scheme launched in January 2021 to give artists an opportunity to showcase their craft?

(a) Haryana
(b) Delhi
(c) Chandigarh
(d) Goa

Answer: (b)

9. 'Panche' is a traditional sarong worn by the men in the state of _____.

(a) Karnataka
(b) Assam
(c) Sikkim
(d) Kerala

Answer: (a)

10. Which of the following books is authored by Dalai Lama and launched by him in February 2021?

(a) Connecting, Communicating, Changing
(b) A Little Book of Courage
(c) The Little Book of Encouragement
(d) The Little Book of Hope

Answer: (c)

11. _____ boundaries occur when plates collide and one plate is pushed under the other.

(a) Divergent
(b) Convergent
(c) Transform
(d) Continental

Answer: (b)

12. Mukhyamantri Bagayat Vikas Mission (Horticulture Development Mission) scheme was launched by which of the following state governments in January 2021?

(a) Maharashtra
(b) Gujarat
(c) Bihar
(d) Uttar Pradesh

Answer: (b)

14. When a river originates from a hill and flows in all directions, the drainage pattern is known as _____.

(a) dendritic
(b) trellis
(c) radial
(d) centripetal

Answer: (c)

15. The area served by a canal system through supply of water for irrigation and other purposes is called a _____.

(a) net sown area

(b) gross irrigated area

(c) command area

(d) net irrigated area

Answer: (c)

16. Which of the following liquids has the highest pH?

(a) Human blood

(b) Lemon juice

(c) Orange juice

(d) Milk of magnesia

Answer: (d)

17. G20 Leaders' Summit 2020 was held virtually on 20th and 21st November 2020 and was presided by_____.

(a) India

(b) Iran

(c) Pakistan

(d) Saudi Arabia

Answer: (d)

18. Which book written by Douglas Stuart won him ' Booker Prize 2020?

(a) Shuggie Bain

(b) The Testaments

(c) Hamnet

(d) The White Tiger

Answer: (a)

19. Who among the following was the first Indian badminton player to qualify for two events - mixed doubles and women's doubles - in the Olympics?

(a) Jwala Gutta

(b) Ashwini Ponnappa

(c) PV Sindhu

(d) Saina Nehwal

Answer: (a)

20. All the non-zero vectors are called _____.

(a) proper vectors

(b) co-initial vectors

(c) coplanar vectors

(d) equal vectors

Answer: (a)

21. Muhammad Ghori attacked Tabarhinda (Bhatinda) in 1191, a strategic point for _____.

(a) Hem Chandra Vikramaditya

(b) Rana Kumbha

(c) Maharana Pratap Singh

(d) Prithviraj Chauhan

Answer: (d)

22. Henry Moniz has been appointed as the first-ever Chief Compliance Officer of which of the following tech giants in January 2021?

(a) Facebook Inc.

(b) Google LLC

(c) Apple Inc.

(d) Twitter Inc.

Answer: (a)

23. Where is the headquarters of the Badminton World Federation located?

(a) Japan

(b) Malaysia

(c) Singapore

(d) Switzerland

Answer: (b)

24. One of the major events of Ashoka's reign was the convening of the _____ Buddhist Sangha (council) in 250 BCE in the capital Pataliputra.

(a) Third

(b) Fourth

(c) Second

(d) First

Answer: (a)

25. Which Schedule of the Indian Constitution demarcates the powers of the Union and the States, that is Union List, State List and Concurrent List?

(a) Third Schedule

(b) Seventh Schedule

(c) First Schedule

(d) Fourth Schedule

Answer: (b)

English Comprehension

1. Select the most appropriate meaning of the given idiom. On cloud nine

(a) Frequently flying by air

(b) Extremely sad

(c) Flying with a parachute

(d) Extremely happy

Answer: (d)

2. Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.
A. Information Communication Technology tools have brought in additional changes along with means of communication.
B. These changes have enabled man to communicate faster.
C. Communication has not only become faster but easier too.
D. The result is a more relaxed life than ever before.

(a) ABCD

(b) DBCA

(c) CDBA

(d) ABDC

Answer: (a)

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

If you are not able to go out, <u>did not worry.</u>

(a) worrying not

(b) don't worried

(c) No substitution

(d) do not worry

Answer: (d)

5. Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.
A. Inspector: "Were you sleeping when the robbers entered the bank?"
B. Guard: "The iron grill lock was broken and the bank looked ransacked but the robbers could not take away anything as I had returned quickly."
C. Inspector: "What did you see when you came back?"
D. Guard: "No Sir. The bank had closed and I had just gone to relieve myself."

(a) ABCD

(b) CDAB

(c) BADC

(d) ADCB

Answer: (d)

6. Select the most appropriate meaning of the given idiom. Draw the line at something

(a) Coming to a conclusion

(b) Making pencil sketches

(c) Accept something up to a particular point

(d) Agreeing to an idea

Answer: (c)

7. The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options. Several prominent film stars / have appeared on television / on behalf of awareness / about hand hygiene.

(a) have appeared on television

(b) about hand hygiene

(c) on behalf of awareness

(d) Several prominent film stars

Answer: (c)

8. Select the option that expresses the given sentence in indirect speech. The counter clerk asked the visitor, "What is your name?"

(a) The counter clerk asks the visitor your name.

(b) The counter clerk has asked the visitor his name.

(c) The counter clerk is asking the visitor your name.

(d) The counter clerk asked the visitor his name.

Answer: (d)

9. Select the option that can be used as a one-word substitute for the given group of words. A musical composition made up of a series of short pieces

(a) Orchestra

(b) Medley

(c) Lyric

(d) Band

Answer: (b)

10. Select the most appropriate option to fill in the blank. We are bewildered by the power which science has suddenly placed in our laps, and we are _____ by the realisation of our unpreparedness to deal with a crisis.

(a) condemned

(b) humbled

(c) proud

(d) demeaned

Answer: (b)

11. Select the most appropriate synonym of the given word. Banner
    (a) Protest
    (b) Rally
    (c) Poster
    (d) March
    Answer: (c)

12. Select the INCORRECTLY spelt word.
    (a) Secrete
    (b) Petete
    (c) Elite
    (d) Concrete
    Answer: (b)

13. Select the most appropriate option to fill in the blank. The government has hardened its _____ against the agitators and imposed a curfew in the area.
    (a) manner
    (b) orientation
    (c) bearing
    (d) stance
    Answer: (d)

14. Select the INCORRECTLY spelt word.
    (a) Sanctity
    (b) Esscalator
    (c) Refurbish
    (d) Automated
    Answer: (b)

15. The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options. The army / marched fearless / towards / the enemy cantonment.
    (a) towards
    (b) the enemy cantonment
    (c) The army
    (d) marched fearless
    Answer: (d)

16. Select the most appropriate ANTONYM of the given word. Fecund
    (a) Genial
    (b) Polite
    (c) Rude
    (d) Barren
    Answer: (d)

17. Select the most appropriate synonym of the given word. Absolve

(a) Accuse

(b) Condemn

(c) Attack

(d) Pardon

Answer: (d)

18. Select the most appropriate ANTONYM of the given word. Harmony

(a) Hatred

(b) Peace

(c) Friendship

(d) Rapport

Answer: (a)

19. Select the option that can be used as a one-word substitute for the given group of words. The state of being subject to death

(a) Mortality

(b) Deadly

(c) Morbidity

(d) Immortality

Answer: (a)

Passage — for questions 21–25

> In the following passage, some words have been de[illegible]ed. Fill in the blanks with the help of the alternatives given. Select the most approp[illegible] opt[illegible] for each blank.
>
> Almost everyone in the present world is familia[illegible] the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

21. Select the most appropriate option to fill in blank no.1.

(a) refers

(b) connects

(c) seems

(d) means

Answer: (a)

22. Select the most appropriate option to fill in blank no.2.

(a) at

(b) of

(c) in

(d) on

Answer: (b)

23. Select the most appropriate option to fill in blank no.3.
    (a) sudden
    (b) several
    (c) separate
    (d) useful

    Answer: (b)

24. Select the most appropriate option to fill in blank no.4.
    (a) gradually
    (b) frequently
    (c) properly
    (d) purposely

    Answer: (a)

25. Select the most appropriate option to fill in blank no.5.
    (a) glaciers
    (b) lakes
    (c) mountains
    (d) rivers

    Answer: (a)

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	**(c)**	5	**(c)**	6	**(b)**	8	**(d)**	9	**(b)**	10	**(b)**	11	**(a)**
12	**(b)**	14	**(d)**	15	**(d)**	16	**(c)**	17	**(b)**	18	**(b)**	20	**(d)**	21	**(c)**
23	**(b)**														

General Awareness

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

English Comprehension

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