PREVIOUS YEAR PAPER

SSC CGL 2020 Tier I — 17 August 2021, Shift 1

SSC CGL · 17 August 2021 · 9:00 AM - 10:00 AM

62 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: 38 (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 17 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-1-17-aug-shift-1/

General Intelligence and Reasoning

1. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number. 1008 : 8 :: ? : 6 :: 220 : 4

(a) 518

(b) 443

(c) 524

(d) 350

Answer: (a)

2. P is the brother of Q. S is the father of P. R is the br er of S. If T is the mother of R, then how is P related to T?

(a) Father

(b) Grandson

(c) Brother

(d) Uncle

Answer: (b)

3. In a certain code language, 'MARGIN' is written as 'SBNOJH'. How will 'PRAYER' be written in that language?

(a) QSBSFZ

(b) BSQZFS

(c) BSQQFZ

(d) BSQSFZ

Answer: (d)

4. 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) PUB

(b) TYE

(c) NSY

(d) LQW

Answer: (a)

7. Select the option in which the numbers are related in the same way as are the numbers of the following set. (15, 315, 7)

(a) (14, 197, 4)

(b) (11, 188, 6)

(c) (18, 486, 9)

(d) (17, 401, 12)

Answer: (c)

8. Select the options in which the numbers are related in the same way as are the numbers of the following set. (541, 14, 737)

(a) (832, 8, 895)

(b) (697, 13, 866)

(c) (635, 18, 924)

(d) (432, 25, 1108)

Answer: (b)

9. Select the number from among the given options that can replace the question mark (?) in the following series. 24, 48, 51, 204, 209, ?

(a) 1254

(b) 1047

(c) 215

(d) 416

Answer: (a)

10. 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: Some cards are postcards. Some cards are envelopes. All envelopes are copies. Conclusions:
I. Some copies are envelopes.
II. Some postcards are copies.
III. Some cards are copies.

(a) Only conclusions I and II follow

(b) Only conclusions II and III follow

(c) Only conclusion I follows

(d) Only conclusions I and III follow

Answer: (d)

11. Select the option that is related to the third word in the same way as the second word is related to the first word. Cartridge : Printer :: Motherboard : ?

(a) Monitor

(b) Keyboard

(c) Central Processing Unit

(d) Machine

Answer: (c)

13. Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation. 1496 * 8 * 13 * 40 * 5 * 0

(a) ÷, −, +, ×, =

(b) ÷, +, =, −, ×

(c) ÷, ×, =, +, −

(d) ÷, +, −, ×, =

Answer: (d)

17. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. WUW, TSV, QQU, NOT, ?

(a) JNT

(b) KMS

(c) LNT

(d) MNS

Answer: (b)

18. Rajesh purchased 6 mangoes, 3 bananas and 10 guavas in ₹136. If the ratio of the cost (per piece) of mangoes, bananas and guavas is 3 : 2 : 1, what will be the total cost of 1 mango, 2 bananas and 3 guavas?

(a) ₹46

(b) ₹38

(c) ₹40

(d) ₹27

Answer: (c)

20. Select the option in which the words sha[illegible]me relationship as that shared by the given pair of words. Cricket : Shikhar Dhawan

(a) Kabaddi : Rani Rampal

(b) Chess : Saina Nehwal

(c) Boxing : Mary Kom

(d) Wrestling : Dipa Karmakar

Answer: (c)

21. In a certain code language, 'REASON' is coded as '5410219' and 'HEALTHY' is coded as '716231216'.How will 'DIVULGE' be coded in that language?

(a) 13704349

(b) 10733494

(c) 24134383

(d) 21433438

Answer: (d)

22. 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) Contention
(b) Agitation
(c) Turmoil
(d) Tranquillity

Answer: (d)

23. 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) 461 : 20
(b) 182 : 12
(c) 305 : 16
(d) 239 : 14

Answer: (b)

24. Select the letter from among the given options that can replace the question mark (?) in the following series. P, N, J, H, ?

(a) C
(b) E
(c) D
(d) B

Answer: (c)

General Awareness

1. Who wrote the book 'The Quest for Equity in Development'?

(a) Raghuram Rajan
(b) Manmohan Singh
(c) Amartya Sen
(d) Montek Singh Ahluwalia

Answer: (b)

2. In which year did Atal Bihari Vajpayee undertake a bus journey to Lahore to sign a Peace Declaration?

(a) 1991
(b) 1997
(c) 1994
(d) 1999

Answer: (d)

3. Whose administration became a model that was followed by Akbar when he consolidated the Mughal Empire?

(a) Bahlul Lodi

(b) Ghiyas ud din Balban

(c) Iltutmish

(d) Sher Shah Suri

Answer: (d)

5. What is represented by the product of force with displacement in the direction of force?

(a) Momentum

(b) Impulse

(c) Work

(d) Power

Answer: (c)

6. Which of the following is NOT a greenhouse gas?

(a) Water vapour

(b) Surface level ozone

(c) Nitrous oxide

(d) Helium

Answer: (d)

7. How is Dhanpat Rai Srivastava better known as?

(a) Dinkar

(b) Nirala

(c) Agyeya

(d) Premchand

Answer: (d)

8. Till 20 January 1972, which present-day Indian state was known as the North-East Frontier Agency (NEFA)?

(a) Nagaland

(b) Assam

(c) Sikkim

(d) Arunachal Pradesh

Answer: (d)

9. All matches of the 2020-21 edition of Hero Indian Super League are being played in which of the following states?

(a) Kerala

(b) Karnataka

(c) Goa

(d) West Bengal

Answer: (c)

10. Who among the following persons was announced as the head of the Committee to protect language, culture and land in Ladakh by the Central Government in January 2021?

(a) G Kishan Reddy

(b) Piyush Goyal

(c) Arjun Munda

(d) Raj Kumar Singh

Answer: (a)

11. In which of the following states is the Bhitarkanika National Park situated?

(a) Goa

(b) Odisha

(c) Meghalaya

(d) Kerala

Answer: (b)

12. _____ is the ability of a single cell to produce a fertile, adult individual.

(a) Pluripotency

(b) Mutation

(c) Totipotency

(d) Cloning

Answer: (c)

13. Which of the following Articles of the Constitution India adopted Hindi in Devanagari script as the official language of the Union?

(a) Article 123

(b) Article 343 (1)

(c) Article 108

(d) Article 231

Answer: (b)

14. In which of the following years was the Indian Association established?

(a) 1881

(b) 1876

(c) 1856

(d) 1903

Answer: (b)

15. The Vedic view of an individual and his relation to society is determined by four objectives of life. Which of the following is NOT one of these objectives?

(a) Artha

(b) Dharma

(c) Moksha

(d) Siddhi

Answer: (d)

16. Which of the following elements’ salts are most soluble?
    (a) Lithium
    (b) Sodium
    (c) Potassium
    (d) Rubidium
    Answer: (b)

17. What do you call the amount of monetary or other returns, either earned or unearned, accruing over a period of time?
    (a) Price
    (b) Income
    (c) Value
    (d) Services
    Answer: (b)

18. Which of the following is one of the three 'Domestic Systemically Important Banks' in India?
    (a) Axis Bank
    (b) Federal Bank
    (c) State Bank of India (SBI)
    (d) RBL Bank
    Answer: (c)

19. Who among the following wrote the basic text of sheshika philosophy?
    (a) Patanjali
    (b) Jaimini
    (c) Kanada
    (d) Shankaracharya
    Answer: (c)

20. Which of the following is another name for 'white ant'?
    (a) Wasp
    (b) Housefly
    (c) Termite
    (d) Mosquito
    Answer: (c)

21. In October 2020, the world's longest highway tunnel was inaugurated in the state of _____.
    (a) Madhya Pradesh
    (b) Uttar Pradesh
    (c) Himachal Pradesh
    (d) Arunachal Pradesh
    Answer: (c)

22. Pushyabhuti, who ruled from Thaneswar, was the founder of _____ dynasty.
    (a) Chalukya
    (b) Vardhana
    (c) Chera
    (d) Pandya
    Answer: (b)

23. Which of the following countries will host the 2022 FIFA World Cup?
    (a) Russia
    (b) Brazil
    (c) Qatar
    (d) The US
    Answer: (c)

24. Almost 98% of Earth's crust is made up of eight elements. Which of the following does NOT figure among these elements?
    (a) Oxygen
    (b) Carbon
    (c) Silicon
    (d) Calcium
    Answer: (b)

25. In January 2021, who among the following was appointed as the President of the Asian Cricket Council?
    (a) Rahul Dravid
    (b) Sourav Ganguly
    (c) Anil Kumble
    (d) Jay Shah
    Answer: (d)

English Comprehension

1. Select the INCORRECTLY spelt word.
    (a) Unpretensious
    (b) Incriminating
    (c) Cancellation
    (d) Embodiment
    Answer: (a)

2. Select the most appropriate option to fill in the blank. Advertisers often use rhyme and _____.
    (a) denunciation
    (b) alliteration
    (c) alteration
    (d) designation
    Answer: (b)

5. Select the most appropriate synonym of the given word. Munch

(a) Chew

(b) Flew

(c) Burp

(d) Drew

Answer: (a)

6. Select the most appropriate synonym of the given word. Termination

(a) Conduction

(b) Conviction

(c) Conclusion

(d) Consolation

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. The sea has become / an cheap dumping ground / for all kinds / of waste products.

(a) an cheap dumping ground

(b) The sea has become

(c) of waste products

(d) for all kinds

Answer: (a)

8. Select the most appropriate ANTONYM of the given word. Stalwart

(a) Firm

(b) Cowardly

(c) Stout

(d) Robust

Answer: (b)

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

Either the bears or the lion <u>has escaped from the zoo.</u>

(a) is escaped from the zoo

(b) No substitution

(c) are escaped from the zoo

(d) have escaped from the zoo

Answer: (b)

10. Select the most appropriate ANTONYM of the given word. Slur

(a) Insult

(b) Mixture

(c) Compliment

(d) Assortment

Answer: (c)

11. Select the most appropriate option to fill in the blank. Social isolation, overcrowding, the _____ of our society and several other factors are responsible for stress.

(a) cheapness

(b) attractiveness

(c) competitiveness

(d) affordability

Answer: (c)

13. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. Won't you / please come / to help me / along this heavy box?

(a) along this heavy box

(b) to help me

(c) please come

(d) Won't you

Answer: (a)

14. Sentences of a paragraph are given below in jur ed order. Arrange the sentences in the right order to form a meaningful and coherent p rap
A. But in snapping at the supposed treasure, ped the bit he was carrying, and so lost all.
B. When he was crossing a river on his way home, he saw his own shadow reflected in the stream below.
C. Thinking that it was another dog with another piece of meat, he resolved to make himself master of that also.
D. A dog had stolen a piece of meat out of a butcher's shop.

(a) BDCA

(b) DACB

(c) DBCA

(d) ACDB

Answer: (c)

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

<u>Hears to</u> the news tonight at 9 p.m., as there will be an important announcement about the budget.

(a) Listened to

(b) Hear to

(c) No substitution required

(d) Listen to

Answer: (d)

17. Select the option that can be used as a one-word substitute for the given group of words. One who studies the occult meanings of numbers and their supposed influence on human life

(a) Astronomer

(b) Prophet

(c) Astrologer

(d) Numerologist

Answer: (d)

18. Select the option that can be used as a one-word substitute for the given group of words. Having no boundaries or limits

(a) Colossal

(b) Enormous

(c) Infinite

(d) Tremendous

Answer: (c)

19. Select the INCORRECTLY spelt word.

(a) Bouquet

(b) Pledge

(c) Acquarium

(d) Abridge

Answer: (c)

20. 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. Most important, however, are its oils, which are extracted, processed, and marketed for culinary, medicinal, and cosmetic uses alike.

B. Coconut products are used to make everything from clothing to animal feed to beauty creams.

C. The coconut is a very useful plant with a wide range of products being sourced from it.

D. Its kernel is harvested for its edible flesh and delicious water, while its husk is used for its strong fibres.

(a) BCAD

(b) CBDA

(c) ADBC

(d) CADB

Answer: (b)

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.
>
> Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

21. Select the most appropriate option to fill in blank number 1.
    (a) lasts
    (b) exists
    (c) survives
    (d) endures

    Answer: (b)

22. Select the most appropriate option to fill in blank number 2.
    (a) one
    (b) single
    (c) lone
    (d) unique

    Answer: (a)

23. Select the most appropriate option to fill in blank number 3.
    (a) of
    (b) for
    (c) in
    (d) by

    Answer: (a)

24. Select the most appropriate option to fill in blank number 4.
    (a) knack
    (b) competence
    (c) ability
    (d) proficiency

    Answer: (c)

25. Select the most appropriate option to fill in blank number 5.
    (a) validity
    (b) velocity
    (c) versatility
    (d) veracity

    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	**(a)**	2	**(b)**	3	**(d)**	4	**(a)**	7	**(c)**	8	**(b)**	9	**(a)**	10	**(d)**
11	**(c)**	13	**(d)**	17	**(b)**	18	**(c)**	20	**(c)**	21	**(d)**	22	**(d)**	23	**(b)**
24	**(c)**														

General Awareness

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

English Comprehension

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