PREVIOUS YEAR PAPER

SSC GD Constable — 13 January 2023, Shift 1

SSC GD Constable · 13 January 2023 · 9:00 AM - 10:00 AM

76 of the paper's 80 questions · marks per question not printed on the response sheet · 60 minutes

Left out of the original paper: 4 (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 13 January 2023, 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-gd/previous-year-papers/ssc-gd-2023-13-jan-shift-1/

General Intelligence and Reasoning

1. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. TDKV, MWOZ, FPSD, ? , RBAL

(a) YUXL

(b) TPSJ

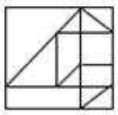
(c) YDHX

(d) YIWH

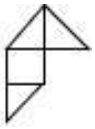
Answer: (d)

2.

Select the option figure that is embedded in the given fig (rotation is NOT allowed).



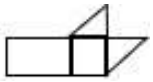
(a)



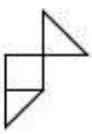
(b)



(c)



(d)



Answer: (b)

3.

Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



(a)



(b)



(c)



(d)



Answer: (a)

4. Which option represents the correct order of the given words as they would appear in the English dictionary?

1. Tasty
2. Tackle
3. Tamarind
4. Tadpole
5. Tagline

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

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

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

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

Answer: (c)

5. Six students are sitting around a circular table facing the centre. Marshal is sitting second to the left of Sandra. Carol is sitting second to the right of Sandra. Shashi is the immediate neighbour of Sandra and Carol. Sahil is sitting third to the left of Sandra. Jade is sitting third to the left of Carol. Who is sitting between Marshal and Carol?

(a) Sahil
(b) Sandra
(c) Jade
(d) Shashi

Answer: (a)

6. Six people J, K, L, M, N and O are sitting in a straight row, facing north. O and N are sitting at the extreme ends of the line. There are only three people to the right of K and only three people to the left of J. O is sitting second to the left of K. M is sitting in between J and N. Who is sitting in between O and K?

(a) M
(b) L
(c) J
(d) N

Answer: (b)

7. 'Flow' is related to 'Stagnant' in the same way as 'Fall' is related to '_____'. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

(a) Rise
(b) Drop
(c) Market
(d) Static

Answer: (a)

8. In a certain code language BANTER is written as 'EZQSHQ' and HAVEN is written as 'KZYDQ'. How will ADVENT be written in the same code language?

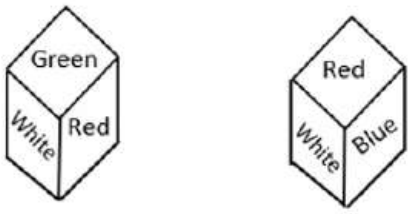
(a) DCYDQS
(b) DCZEPU
(c) DBYCOS
(d) DBYDPS

Answer: (a)

9.

Two different positions of the same dice are shown having colours- Red, Blue, Pink, Green, white and black.

Find the colour on the face opposite to the face showing 'Green'.



(a) Black

(b) White

(c) Pink

(d) Blue

Answer: (d)

10. In a certain code language, 'A + B' means 'A is the mother of B', 'A – B' means 'A is the father of B', 'A x B' means 'A is the brother of B', 'A & B' means 'A is the son of B' and 'A @ B' means 'A is the sister of B'. How is G related to N if N x P @ Q – L x M & G?

(a) Brother's wife

(b) Sister

(c) Wife

(d) Mother

Answer: (a)

11. Which two signs should be interchange ma ne below equation mathematically correct? 35 + 21 – 168 ÷ 28 × 7 = 154

(a) – and +

(b) + and ÷

(c) × and –

(d) ÷ and –

Answer: (c)

12. Which of the following letters will replace the question mark (?) and complete the following letter series? D, B, X, R, J, ?

(a) A

(b) Y

(c) Z

(d) X

Answer: (c)

13. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements. Statements: All tubes are pipes. All switches are pipes. All pipes are boards. Conclusions:
I. All switches are boards.
II. All boards are tubes.
III. Some boards are switches.

(a) Only conclusions I and II follow

(b) Only conclusions I and III follow

(c) Only conclusions II and III follow

(d) All conclusions follow

Answer: (b)

14. In a code language, 'DEVOTE' is written as '71' and 'DIALECT' is written as '54'. How will 'DIESEL' be written in that language?

(a) 54

(b) 53

(c) 47

(d) 49

Answer: (a)

15. Which two signs should be interchanged to make the below equation mathematically correct? 45 + 3 ÷ 27 - 9 × 18 = 14

(a) + and -

(b) × and +

(c) ÷ and +

(d) ÷ and ×

Answer: (b)

16. Which of the following numbers will replace the question mark (?) in the given series? 2, ?, 10, 14, 18, 22, 26, 30

(a) 6

(b) 7

(c) 8

(d) 5

Answer: (a)

17. Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term. 18 : 30 :: ? : 66 :: 54 : 102

(a) 36

(b) 46

(c) 42

(d) 38

Answer: (a)

18. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
Poem : Poet :: Shoes : ?

(a) Cobbler

(b) Carpenter

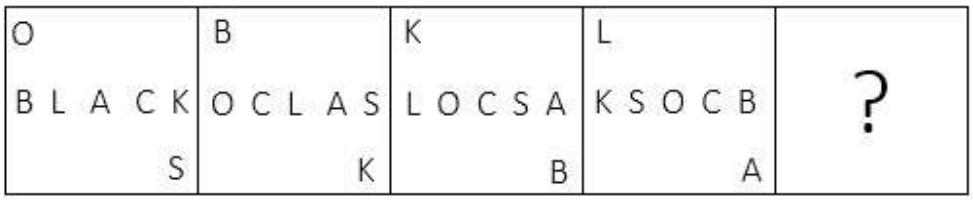
(c) Doctor

(d) Chef

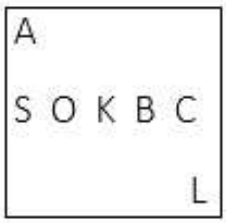
Answer: (a)

19.

Which figure should replace the question mark (?) if the series were to be continued?



(a)



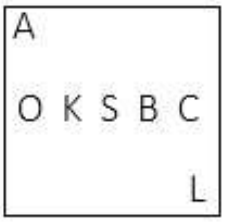
(b)



(c)



(d)



Answer: (d)

20. Which of the following numbers will replace the question mark (?) in the given series? 40, 40, ?, 58, 76, 100,130

(a) 46

(b) 55

(c) 70

(d) 45

Answer: (a)

General Knowledge and General Awareness

1. The _____ has the authority to regulate microfinance in India.
   (a) State Bank of India
   (b) Reserve Bank of India
   (c) Union Bank of India
   (d) Rural Bank of India
   Answer: (b)

2. Which was not the part of Original Indian Constitution that was adopted in the year 1950?
   (a) Emergency Provisions
   (b) Fundamental Duties
   (c) Directive Principles of State Policy
   (d) Fundamental Rights
   Answer: (b)

3. Bastar Rebellion in central India broke out in _____.
   (a) 1905
   (b) 1910
   (c) 1915
   (d) 1918
   Answer: (b)

4. Identify the energy used in cooking food.
   (a) Wind energy
   (b) Electrical energy
   (c) Chemical energy
   (d) Mechanical energy
   Answer: (c)

5. Pawan Hans Helicopters Limited provides helicopter services to whom in its off-shore operations?
   (a) Hindustan Petroleum Corporation Limited
   (b) Indian Oil
   (c) Oil and Natural Gas Corporation
   (d) Oil India and Reliance Industries
   Answer: (c)

6. Which of the following is a type of earthquake wave?
   (a) D-waves
   (b) P-waves
   (c) B-waves
   (d) C-waves
   Answer: (b)

7. Which of the following famous bollywood personalities won the by-elections in April 2022 to become the Member of Parliament from Asansol, West Bengal?

(a) Sonu Sood
(b) Babul Supriyo
(c) Shatrughan Sinha
(d) Jaya Bachchan

Answer: (c)

8. Indian Olympic Association was formed in which year?

(a) 1927
(b) 1934
(c) 1928
(d) 1943

Answer: (a)

9. What is the timeframe of the second five year plan of India?

(a) 1951 - 56
(b) 1957 - 62
(c) 1948 - 53
(d) 1956 - 61

Answer: (d)

10. _____five year plan was launched with specifi ojective of "Growth with Stability"

(a) Eighth
(b) First
(c) Second
(d) Fourth

Answer: (d)

11. As of November 2022, who among the following is the Governor of Uttar Pradesh, India?

(a) Arif Mohammad Khan
(b) Ram Naik
(c) Sudarshan Agrawal
(d) Anandiben Patel

Answer: (d)

12. When was the Supreme Court of India inaugurated?

(a) 26 January 1952
(b) 28 January 1952
(c) 26 January 1948
(d) 28 January 1950

Answer: (d)

13. Which of the following folk dances is associated with Jammu and Kashmir?
    (a) Kud
    (b) Jawara
    (c) Bhavai
    (d) Hojagiri
    Answer: (a)

14. The motto of Asian Games 2018 was _____.
    (a) Diversity Shines Here
    (b) Play for Peace, Progress and Prosperity
    (c) Ever Onward
    (d) Energy of Asia
    Answer: (d)

16. Who among the following was the last king of the Mauryan empire?
    (a) Ashoka
    (b) Bindusara
    (c) Chandragupta
    (d) Brihadratha
    Answer: (d)

17. Which Indian state has the second lowest literacy r as per the Census report 2011?
    (a) Himachal Pradesh
    (b) Mizoram
    (c) Rajasthan
    (d) Arunachal Pradesh
    Answer: (d)

18. If the proportion of fine particles is relatively higher in soil, then it is called _____ soil.
    (a) sandy
    (b) watery
    (c) clayey
    (d) loamy
    Answer: (c)

20. Which of the following artist has received the Soviet Land Nehru Award?
    (a) Thiruvidaimarudur Kuppiah Kalyanasundaram
    (b) Pandit Birju Maharaj
    (c) Krishna Ella
    (d) Mahaboob Subhani
    Answer: (b)

Elementary Mathematics

1. A boat's speed in still water is 9 km/h, while the stream's speed is 1.5 km/h. A man rows to a location 105 km away and then returns to his starting position. The total time taken by him is:

(a) 20.5 hours
(b) 24 hours
(c) 19 hours
(d) 22 hours

Answer: (b)

2. A retailer purchased some goods for ₹1,280 and he sold one-third at a loss of 15%.At what gain percentage should the remaining be sold, so as to gain 15% on the whole transaction?

(a) 32 Percent
(b) 30 Percent
(c) 28 Percent
(d) 31 Percent

Answer: (b)

3. A sofa-set is offered for sale at three successive discounts of 10%, 5%, and 2%. Find the net selling price of the sofa-set, if its marked price is ₹18,000.

(a) ₹16,920.28
(b) ₹16,084.00
(c) ₹15,082.20
(d) ₹17,230.00

Answer: (c)

4. Ratio of Copper and Gold in first and second alloy are 3 : 4 and 2 : 5 respectively. 14 kg of the first alloy is mixed with 21 kg of the second alloy. Find the ratio of Copper and Gold, respectively, in the new mixture.

(a) 23 : 12
(b) 17 : 13
(c) 5 : 9
(d) 12 : 23

Answer: (d)

5. P can do a piece of work in 200 days. Q and R can do the same work in 100 days. P, Q and R started the work together and they worked together for 40 days and then Q left the work and P and R together finished the remaining work in 40 days. Find the number of days in which Q alone can do the total work.

(a) 180 days
(b) 200 days
(c) 160 days
(d) 210 days

Answer: (b)

6. If a shopkeeper offers a 10% discount, he makes a 10% profit. Under the same conditions, if he offers a 25% discount, then how much percentage of profit or loss will he get?

(a) 25% loss

(b) 20% profit

(c) 25% profit

(d) 8.33% loss

Answer: (d)

8. Sohan borrowed money at the rate of 20% per annum on compound interest, interest was compounding annually and he paid it in three equal instalments, each instalment was to be paid at the end of every year. If each instalment was for ₹1,250, then the money borrowed by Sohan was (nearest integral value):

(a)

₹2,633

(b)

₹2,466

(c)

₹4,660

(d)

₹4,860

Answer: (a)

9. The difference between simple and com[illegible]erests compounded annually on a certain sum of money for 2 years at 4% per annum is Rs.80. [illegible] sum (in Rs.) is:

(a) 50,000

(b) 45,000

(c) 60,000

(d) 70,000

Answer: (a)

10. The marked price of an article is 25% above its cost price. If it is sold for ₹450 with a profit of 6.4%, then the discount percent is closest to:

(a)

13%

(b)

16%

(c)

12%

(d)

15%

Answer: (d)

11. In an election between A and B, B secured 16,200 votes and defeated A by 8% of the total votes. If there are no invalid votes, what is the difference in votes between A and B?

(a) 2300
(b) 2500
(c) 2200
(d) 2400

Answer: (d)

12. The average of 7 natural numbers is 70. Among them six numbers are 32, 69, 72, 65, 79, 48. What is the seventh number?

(a) 120
(b) 135
(c) 125
(d) 130

Answer: (c)

14. The fourth proportional to 3,5,9 is:

(a) 135
(b) 45
(c) 27
(d) 15

Answer: (d)

15. A solid sphere is cut into two equal halves. What is the ratio of the total surface area of each hemisphere to that of the solid sphere?

(a) 2:3
(b) 1:2
(c) 3:5
(d) 3:4

Answer: (d)

16. Find the mean proportional between 256 and 484.

(a) 360
(b) 323
(c) 352
(d) 552

Answer: (c)

17. A car driver is driving car at a speed of 70 km/h and a bus is moving 35 metres ahead of him. After 15 seconds, the bus is 40 metres behind of him. Find the speed of the bus.

(a) 78 km/h
(b) 52 km/h
(c) 64 km/h
(d) 65 km/h

Answer: (b)

18. A and B can complete a piece of work in 18 days and 12 days, respectively. They work on alternate days till the work gets completed. How long (in days) would it take A and B to complete the work, starting with A on the first day?

(a) 15 days
(b) 14 days
(c) 16 days
(d) 14.5 days

Answer: (d)

19. In an election contested by two parties, party A secured 16 percent of the total votes more than party B. If party B got 25200 votes and there were no invalid votes, by how many votes did party B lose the election?

(a) 9600
(b) 1800
(c) 5400
(d) 3600

Answer: (a)

20.

Express $0.45\overline{235}$ as a fraction.

(a)
$\frac{1419}{99900}$

(b)
$\frac{14190}{9990}$

(c)
$\frac{1491}{9990}$

(d)
$\frac{4519}{9990}$

Answer: (d)

English

1. Select the most appropriate ANTONYM of the wo given in brackets to fill in the blank.

The doctor had to go with operation as Raj n was very _____ (comical).

(a) serious
(b) prone
(c) curious
(d) peculiar

Answer: (a)

2. Select the INCORRECTLY spelt word.

(a) Flimsy
(b) Etiquette
(c) Supercede
(d) Intercede

Answer: (c)

3. Select the most appropriate synonym of the given word to fill in the blank in the sentence.

Yields Binu’s land _____ high quality of wheat and grams.

(a) touches
(b) subdues
(c) produces
(d) meets

Answer: (c)

4. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Nishtha writes very well, (didn't she)?

(a) isn’t it
(b) wasn’t it
(c) doesn’t it
(d) doesn’t she

Answer: (d)

5. Select the most appropriate ANTONYM of the given word.

Brittle

(a) Delicate
(b) Bitter
(c) Attractive
(d) Resilient

Answer: (d)

6. Select the most appropriate meaning of the given idiom.

Blow one’s own trumpet

(a) To be very keen
(b) To be confused
(c) To disgrace oneself
(d) To praise oneself

Answer: (d)

7. Select the most appropriate synonym of the given word.

Dazzling

(a) Brilliant
(b) Drizzly
(c) Murky
(d) Dull

Answer: (a)

8. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. While my wife / cooked the food, / I writing / a book.

(a) a book
(b) cooked the food,
(c) I writing
(d) While my wife

Answer: (c)

9. Select the most appropriate synonym to substitute the underlined word in the given sentence.

He had created a cocoon of human activities - conversation, interaction, affection - and it filled his life like an overflowing soup bowl.

(a) bundle
(b) fabric
(c) encasement
(d) downy

Answer: (c)

10. Select the INCORRECTLY spelt word.

(a) Garrulous
(b) Simultaneous
(c) Technike
(d) Reluctant

Answer: (c)

11. Select the most appropriate ANTONYM of the underlined word to fill in the blank.

He borrowed money from his father and _____ it to his friend to help him.

(a) reckoned
(b) beguiled
(c) lent
(d) beget

Answer: (c)

12. Select the most appropriate option to fill in the blank.

The manager decided to _____ the meeting, as many of the members were not present.

(a) cut down
(b) call off
(c) call on
(d) carry on

Answer: (b)

13. Select the most appropriate ANTONYM of the given word.

Applaud

(a) Commend
(b) Magnify
(c) Approve
(d) Denounce

Answer: (d)

14. Select the appropriate idiom that can replace the underlined phrase in the following sentence.

As he is never on time, he regrets uselessly on missing the flight.

(a) cries wolf
(b) finds fault with
(c) cries for the moon
(d) cries over split milk

Answer: (d)

15. Select the most appropriate option that can substitute the underlined segment in the given sentence.

VPN allows us to use the internet anonymously to valu[illegible]our safety and our identity.

(a) to derogate our safety
(b) to ensure our safety
(c) to improve our safety
(d) to rationalise our safety

Answer: (b)

Passage — for questions 16–20

> In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Munoo began (1)_____. He felt resentful and disheartened, thinking how he hated his uncle. But he saw that the fellow on the steel horse, who had been the cause of his (2)_____, had come to grief fifty yards ahead, having collided with a calf (3) _____ among the crowds of men and women near the fruit shops at the crossroads. So he walked along reassured, forgetful still but sufficiently cautious, with (4) _____ ahead of him, another on the row of shops, and an occasional glance behind, to see that there was not another steel horse, or bicycle, as the juggler (5)_____it, following.

16. Select the most appropriate option to fill in blank number 1.

(a) cry
(b) cried
(c) having cried
(d) to cry

Answer: (d)

17. Select the most appropriate option to fill in blank number 2.
    (a) have punished
    (b) be punished
    (c) having punish
    (d) punishment
    Answer: (d)

18. Select the most appropriate option to fill in blank number 3.
    (a) whom strayed about
    (b) who strayed about
    (c) that strayed
    (d) whose strayed about
    Answer: (c)

19. Select the most appropriate option to fill in blank number 4.
    (a) one eye in his uncle
    (b) one eye on his uncle
    (c) one eye about his uncle
    (d) one eye with his uncle
    Answer: (b)

20. Select the most appropriate option to fill in blank number 5.
    (a) have been called
    (b) had called
    (c) has called
    (d) had been called
    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

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

General Knowledge and General Awareness

1	**(b)**	2	**(b)**	3	**(b)**	4	**(c)**	5	**(c)**	6	**(b)**
7	**(c)**	8	**(a)**	9	**(d)**	10	**(d)**	11	**(d)**	12	**(d)**
13	**(a)**	14	**(d)**	16	**(d)**	17	**(d)**	18	**(c)**	20	**(b)**

Elementary Mathematics

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

English

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