PREVIOUS YEAR PAPER

SSC GD Constable — 12 January 2023, Shift 2

SSC GD Constable · 12 January 2023 · 11:45 AM - 12:45 PM

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

Left out of the original paper: 2 (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 12 January 2023, 11:45 AM - 12:45 PM. 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-2023-12-jan-shift-2/

General Intelligence and Reasoning

1. Which of the following numbers will replace the question mark (?) in the given series? 5, 13, 29, ?, 125, 253

(a) 75

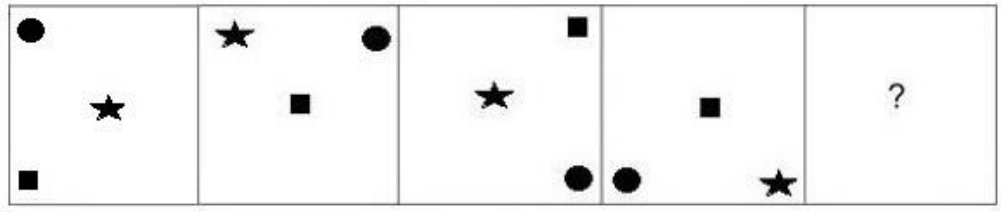
(b) 58

(c) 61

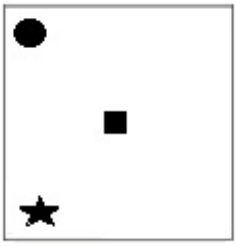
(d) 52

Answer: (c)

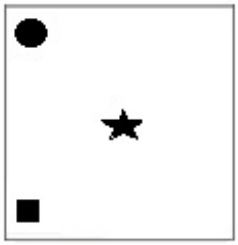
2. Select the figure that will replace the question mark (?) in the following figure series.



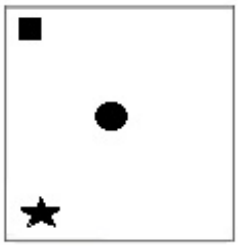
(a)



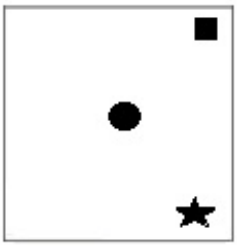
(b)



(c)

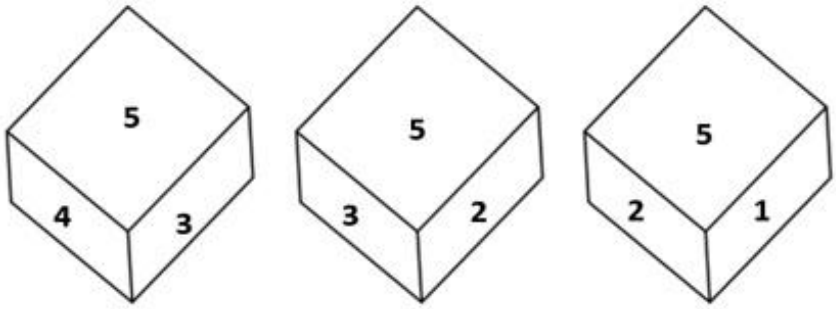


(d)



Answer: (b)

3. Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.



(a) 2
(b) 6
(c) 1
(d) 3

Answer: (a)

4. Six girls D, K, M, P, R and S are sitting around a circular table, facing the centre. S is sitting third to the left of R. P is sitting to the immediate right of R and to the immediate left of D. M is sitting to the immediate left of R. K is sitting to the immediate right of S and to the immediate left of M. Who is sitting at the third position from the left of D?

(a) M
(b) P
(c) R
(d) S

Answer: (a)

5. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. ?, HLEJ, JNGL, LPIN

(a) FJCH
(b) EDHI
(c) FJCD
(d) FGCF

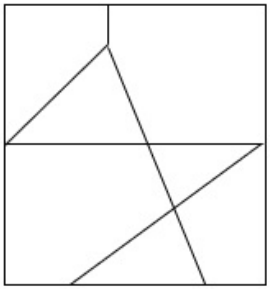
Answer: (a)

6. 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 gloves are bats. All stumps are bats. All bats are balls. Conclusions:
I. All stumps are balls.
II. Some balls are gloves.
III. Some gloves are stumps.

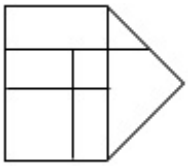
(a) All conclusions follow
(b) Only conclusions I and II follow
(c) Only conclusions I and III follow
(d) Only conclusions II and III follow

Answer: (b)

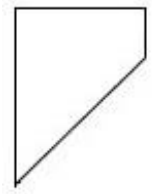
7.
वह विकल्प चित्र चुनिए, जो प्रस्तुत चित्र में अंतर्निहित है। (घुमाना अनुमन्य नहीं है)



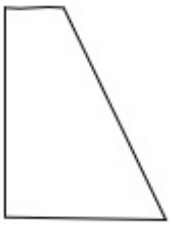
(a)



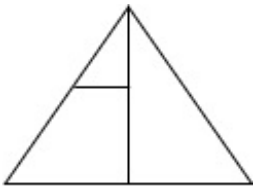
(b)



(c)



(d)



Answer: (b)

8. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster. RAIN : SZJM :: FALL : GZMK :: JUMP :?

(a) KNTO
(b) KTNO
(c) KOTN
(d) OKTN

Answer: (b)

9. Which of the mathematical signs should be interchanged in the below equation to make it mathematically correct? 3 + 78 ÷ 13 - 9 × 117 = 126

(a) + and -

(b) + and ×

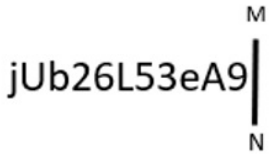
(c) + and ÷

(d) ÷ and ×

Answer: (b)

10.

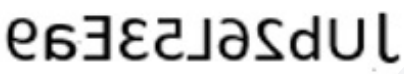
Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



(a)



(b)



(c)



(d)



Answer: (a)

11. Which number will replace the question mark (?) in the following series? 19, 21, ?, 134, 538, 2692

(a) 44

(b) 38

(c) 68

(d) 84

Answer: (a)

12. Seven people, A, B, C, D, E, F and G are sitting in a straight row, facing north. A sits third to the left of D. D sits to the extreme right. Only two people sit between A and F. B is an immediate neighbour of F. Only 1 person sits between C and D. G is not an immediate neighbour of A. How many people sit between F and C?

(a) 2

(b) 5

(c) 3

(d) 4

Answer: (c)

13. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 Peanut 2 Peasant 3 Peacock 4 Peach 5 Pencil

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

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

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

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

Answer: (c)

14. 'G + H' means 'G is the daughter of H'. 'G – H' means 'G is the husband of H'. 'G × H' means 'G is the brother of H'. If the relationships in a family are represented as: A + Q – R + K – Y, then how is K related to A?

(a) Brother

(b) Father

(c) Husband

(d) Mother's father

Answer: (d)

15. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term. ARCS : ENHN :: GHAT : KDFO :: MUSK : ?

(a) PRYE

(b) QRXE

(c) PQYF

(d) QQXF

Answer: (d)

16. Which of the following letters will replace the question mark (?) and complete the following letter series? T, R, P, N, L, J, ?

(a) I

(b) H

(c) F

(d) G

Answer: (b)

17. In a certain coded language, ‘distant face’ is coded as ‘human sad’, ‘face stairs’ is coded as ‘sad overpower’, ‘distant cup’ is coded as ‘human tea’, and ‘stairs cup’ is coded as ‘overpower tea’. What is the code word for ‘face’?

(a) overpower
(b) tea
(c) human
(d) sad

Answer: (d)

18. Select the option that is related to the sixth term in the same way as the first term is related to the second term and the third term is related to the fourth term. 169 : 182 :: 225 : 240 :: ? : 306

(a) 291
(b) 289
(c) 192
(d) 195

Answer: (b)

19. In a certain code language, ‘TRUTH’ is coded as UQVSI and ‘FIRST’ is coded as GHSRU. How will ‘WHITE’ be coded in that language?

(a) DSRGV
(b) XIJUF
(c) VGHSD
(d) XGJSF

Answer: (d)

20. Which two signs should be interchanged to make the below equation mathematically correct?
72 × 3 + 32 ÷ 4 - 16= 136

(a) × and ÷
(b) ÷ and -
(c) + and -
(d) × and +

Answer: (a)

General Knowledge and General Awareness

1. Sphalerite is the ore of which of the following metals?

(a) Copper
(b) Silver
(c) Zinc
(d) Tin

Answer: (c)

2. _____ are present only in plant cells.
   (a) Mitochondria
   (b) Nucleus
   (c) Golgi apparatus
   (d) Plastids
   Answer: (d)

3. Nishagandhi Nritya Utsav is celebrated in which state of India?
   (a) Kerala
   (b) Tamil Nadu
   (c) Telangana
   (d) Karnataka
   Answer: (a)

4. Which of the following oilseeds is grown both, as a rabi crop and a kharif crop?
   (a) Linseed
   (b) Groundnut
   (c) Mustard
   (d) Castor seed
   Answer: (d)

5. On which of the following issues, Lok Sabha and R[illegible] Sabha don't enjoy equal powers?
   (a) Impeaching the Judges of the Supreme Cour[illegible]d High Court
   (b) Impeaching the President
   (c) Constitutional amendments
   (d) Passing of money bills
   Answer: (d)

6. Which hills in Meghalaya receive the maximum rainfall?
   (a) Khasi hills
   (b) Aravali
   (c) Nilgiri
   (d) Shivalik
   Answer: (a)

7. Which country surrounds Tripura from west, north and south sides?
   (a) Bhutan
   (b) Vietnam
   (c) Myanmar
   (d) Bangladesh
   Answer: (d)

8. Theme of eleventh five year plan in India, was _____.
   (a) Population Growth
   (b) Equal Pay for Equal Work
   (c) Towards Faster & More Inclusive Growth
   (d) Inflation Growth
   Answer: (c)

9. The 36th edition of the 2022 National Games of India was held in the state of _____.
   (a) Madhya Pradesh
   (b) Gujarat
   (c) Maharashtra
   (d) Punjab
   Answer: (b)

10. The total value of goods and services traded is considered to be the _____ of trade.
   (a) Volume
   (b) Composition
   (c) Direction
   (d) Exhibition
   Answer: (a)

11. Alarmel Valli a classical dancer who received the P na Bhushan is known for _____.
   (a) Mohiniattam
   (b) Bharatnatyam
   (c) Kuchipudi
   (d) Kathakali
   Answer: (b)

12. Article 17 of the Constitution of India deals with _____.
   (a) abolition of untouchability
   (b) equality before law
   (c) abolition of titles
   (d) right to education
   Answer: (a)

13. Which of the following is NOT a part of revenue budget of the government?
   (a) Non-tax Revenue
   (b) Tax Revenue
   (c) Plan Revenue Expenditure
   (d) Plan Capital Expenditure
   Answer: (d)

14. The Rig Veda is a collection of _____ hymns.

(a) 1028
(b) 1076
(c) 1124
(d) 1152

Answer: (a)

15. Who among the following became the chief minister of Uttar Pradesh in March 2022?

(a) Akhilesh Yadav
(b) Mayawati
(c) Mulayam Singh Yadav
(d) Yogi Adityanath

Answer: (d)

16. Who has been elected as the lifetime president of Yuvajana Sramika Rythu Congress Party in July 2022?

(a) Ajay Maken
(b) Avinash Pandey
(c) Jagan Mohan Reddy
(d) Jitendra Singh

Answer: (c)

17. _____was an Act passed to make a provision for l and collection of tax on intraState supply of goods or services.

(a) The Central Goods and Services Ta
(b) The Central Gifts and Services Tax Act
(c) The Central Goods and Secured Tax Act
(d) The Cost of Goods and Services Tax Act

Answer: (a)

18. Awadh was annexed by the British in _____.

(a) 1845
(b) 1856
(c) 1838
(d) 1859

Answer: (b)

19. Famous Indian Boxer Mary Kom is from which state?

(a) Nagaland
(b) Manipur
(c) Tamil Nadu
(d) Mizoram

Answer: (b)

20. Which among the following festivals is also known as "Festival of Festivals"?

(a) Chapchar Kut

(b) Hornbill Festival

(c) Moatsu

(d) Wangala

Answer: (b)

Elementary Mathematics

1. In a store, an item with an MRP of Rs.28,500 is available at a discounted price of Rs.27,645. What is the percentage of discount given on that item?

(a) 4%

(b) 1%

(c) 3%

(d) 2%

Answer: (c)

2. If the difference between compound interest, compounding annually and simple interest on a certain sum at 10% per annum for 2 years is ₹464, then find the sum invested.

(a)

₹46,040

(b)

₹46,400

(c)

₹44,006

(d)

₹44,600

Answer: (b)

3. The marked price of an item is 25% more than the cost. What should be the discount on the selling price to earn 10% profit?

(a)

12%

(b)

15%

(c)

10.5%

(d)

12.5%

Answer: (a)

5. A sum of Rs.P was borrowed and paid back in two equal yearly instalments, each of Rs.35,280. If the rate of interest was 5% per annum and interest is compounding annually, then the value of P is _____.

(a) Rs.64,400
(b) Rs.65,600
(c) Rs.65,400
(d) Rs.64,800

Answer: (b)

6. A five-digit number 32054 is divisible by 11. If the digits are rearranged in increasing order, then the new number which is formed will be divisible by:

(a) 3
(b) 11
(c) 5
(d) 2

Answer: (c)

7. 30 men cut 50 trees in 10 h. If 10 men leave the job, how many trees will be cut in 15 h?

(a) 50
(b) 45
(c) 55
(d) 60

Answer: (a)

8. Find the fourth proportional to the numb 36, and 90.

(a) 120
(b) 67.5
(c) 64
(d) 40

Answer: (a)

9. In a mixture of 60 litres, the ratio of milk and water is 2 : 3. What amount of water must be added to make the ratio of milk and water 1 : 2?

(a) 56 litres
(b) 60 litres
(c) 76 litres
(d) 12 litres

Answer: (d)

10.

What is the HCF of $\frac{4}{5}, \frac{8}{15}, \frac{2}{35}$?

(a) $\frac{2}{525}$

(b) $\frac{2}{105}$

(c) $\frac{4}{105}$

(d) $\frac{2}{75}$

Answer: (b)

11. What is the average of the first six even numbers?

(a) 10

(b) 5

(c) 6

(d) 7

Answer: (d)

12. A person can row 88 km downstream in 11 h, and 72 km upstream in 12 h. What is the speed of the current?

(a) 1 km/h

(b) 2 km/h

(c) 1.5 km/h

(d) 3 km/h

Answer: (a)

13. Suman buys 40 kg of wheat at Rs.12.50/kg and 30 kg of wheat at Rs.14/kg. At what rate per kg should he sell the mixture to gain 5% on the whole?

(a) Rs.14.80

(b) Rs.13.80

(c) Rs.12.80

(d) Rs.11.80

Answer: (b)

14. Kapil and Prakash together can do a piece of work in 45 days. Prakash and Pihu together can do it in 60 days. Kapil and Pihu together can do it in 60 days. In how many days will Kapil, Prakash and Pihu finish it together?

(a) 42 days

(b) 38 days

(c) 36 days

(d) 34 days

Answer: (c)

15.

A cylindrical tank has a capacity of 5632 m^3. If the diameter of its base is 8 m, what is the depth of the cylindrical tank?

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

(a) 112 m

(b) 118 m

(c) 116 m

(d) 114 m

Answer: (a)

16. The weight of a baby is increased from 3.2 kg to 6 kg in 3 months. The percent increase in weight of the baby is:

(a) 75.5 percent

(b) 87.5 percent

(c) 70.5 percent

(d) 82.5 percent

Answer: (b)

17. Munaf and Surya start simultaneously at the same point on a circular track and run along the track in the same direction. The point on the track at which they meet for the 31st time is the same as that at which they meet for the 43rd time. If the ratio of the speed of the faster boy to that of the slower one is n : 1, where 'n' is a natural number, which of the following is NOT a possible value of 'n'?

(a) 5

(b) 4

(c) 3

(d) 6

Answer: (d)

18. In an election between two candidates, one who gets 64% of the votes polled is elected by a majority of 4,340 votes. What is the total number of votes polled? (considering that all the polled votes are valid)

(a) 15500

(b) 16500

(c) 16000

(d) 15000

Answer: (a)

19. Shashi buys an old refrigerator for ₹12,000 and spends ₹1,000 on its repairs. If he sells the refrigerator for ₹15,000, then his gain percentage is:

(a) $13\frac{5}{13}\%$

(b) $14\frac{5}{13}\%$

(c) $15\frac{5}{13}\%$

(d) $16\frac{5}{13}\%$

Answer: (c)

20. The average of 9 numbers is 15. If the average of the first five numbers is 13 and the average of the last five numbers is 17, then what is the fifth number?

(a) 16

(b) 18

(c) 15

(d) 20

Answer: (c)

English

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

Omnipresent

(a) Powerful

(b) Unique

(c) Contemporary

(d) Universal

Answer: (d)

2. Choose the sentence that is in simple past tense:

A. I was giving some of the chocolates to my younger sister.
B. I had been giving some of the chocolates to my younger sister.
C. I had given some of the chocolates to my younger sister.
D. I gave some of the chocolates to my younger sister.

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

Answer: (b)

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

Dishonest people always_____(deceive) others.

(a) assist
(b) cheat
(c) gladden
(d) defend

Answer: (b)

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

I asked Rita that how far her school was.

(a) how far her school is
(b) that how her school is
(c) then how far her school was
(d) how far her school was

Answer: (d)

5. Select the INCORRECTLY spelt word.

(a) Passage
(b) Pancake
(c) Pasion
(d) Modern

Answer: (c)

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

Awkward

(a) Dormant
(b) Asleep
(c) Clever
(d) Unskillful

Answer: (d)

7. Select the most appropriate ANTONYM for the underlined word in the following sentence.

He neglected his duties and was dismissed from his job.

(a) Succeeded
(b) Ignored
(c) Attended
(d) Scorned

Answer: (c)

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

My mother was_____at my negligence and scolded me.

(a) energetic
(b) furious
(c) thrilled
(d) pleased

Answer: (b)

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

Light at the end of tunnel

(a) Something that signals the end of a difficult situation
(b) An opening at the end of a matter
(c) New light coming out from darkness
(d) Preparing for examinations

Answer: (a)

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

Retain

(a) Maintain
(b) Forget
(c) Restore
(d) Attain

Answer: (b)

12. Select the most appropriate ANTONYM to substitute the underlined word in the given sentence.

The goods being sold are of inferior quality.

(a) superior
(b) anterior
(c) exterior
(d) ulterior

Answer: (a)

13. Select the INCORRECTLY spelt word.

(a) Nutrient
(b) Suitable
(c) Seperate
(d) Permanent

Answer: (c)

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

Benign

(a) Favourable
(b) Wicked
(c) Friendly
(d) Cheerful

Answer: (b)

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

The way someone talks and behaves introduces the characteristics of a person.

(a) symbolises the gestures
(b) effects the aura
(c) defines the personality
(d) postulates the personality

Answer: (c)

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. Notebook software is included (1)_____ the SMART Board Interactive Whiteboard device. This programme includes a (2)_____ of tools for differentiating education. Professors and students can write on the SMART Board screen using a digital pen or (3)_____ finger if they have a SMART Board. Notebook files may be saved in various formats, printed, emailed, or posted, providing students with a total (4)_____ to course materials. Essentially, having a SMART Board available may (5)_____ everything that can be done on a computer.

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

(a) upon
(b) to
(c) along
(d) with

Answer: (d)

17. Select the most appropriate option to fill in blank no. 2.
    (a) total
    (b) limit
    (c) number
    (d) design
    Answer: (c)

18. Select the most appropriate option to fill in blank no. 3.
    (a) their
    (b) there
    (c) those
    (d) these
    Answer: (a)

19. Select the most appropriate option to fill in blank no. 4.
    (a) access
    (b) validity
    (c) download
    (d) exception
    Answer: (a)

20. Select the most appropriate option to fill in blank no. 5.
    (a) form
    (b) enlighten
    (c) create
    (d) enhance
    Answer: (d)

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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