PREVIOUS YEAR PAPER

SSC GD Constable — 12 January 2023, Shift 4

SSC GD Constable · 12 January 2023 · 5:15 PM - 6:15 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).

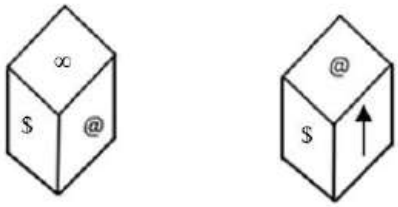
Questions from the Staff Selection Commission's paper of 12 January 2023, 5:15 PM - 6:15 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-gd/previous-year-papers/ssc-gd-2023-12-jan-shift-4/

General Intelligence and Reasoning

1.

Two different positions of the same dice are shown having symbols- @, Δ, □, $, ∞ and ↑. Find the symbol on the face opposite the face showing '∞'.



(a) @

(b) Δ

(c) □

(d) ↑

Answer: (d)

2. Six friends Amit, Bunty, Vaibhav, Harshit, Pulkit and Gagan are sitting around a circular table facing towards the centre. Bunty is the immediate neighbour of Harshit and Vaibhav. Amit is the immediate neighbour of Pulkit and Vaibhav. Who is the immediate neighbour of Amit and Gagan?

(a) Pulkit

(b) Bunty

(c) Vaibhav

(d) Harshit

Answer: (a)

3. Which two signs should be interchanged to make the below equation mathematically correct? 24 - 8 + 12 ÷ 48 × 36 = 23

(a) + and ÷

(b) - and +

(c) × and ÷

(d) - and ×

Answer: (b)

4.

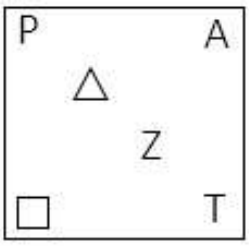
Which figure should replace the question mark (?) if the series were to be continued?



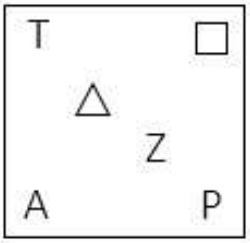
(a)



(b)



(c)



(d)



Answer: (d)

5. In a certain language, EARLY is coded as HDUOB, GAMES is coded as JDPHV. How will INDEX be coded in the same language?

(a) XEDNI

(b) LQGHA

(c) DNIEX

(d) KPFGZ

Answer: (b)

6. In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements. Statements: All doors are walls. All walls are rooms. All rooms are flats. Conclusions:
I. Some flats are doors.
II. All walls are flats.

(a) Only conclusion I follows.

(b) Neither conclusion I nor II follows.

(c) Both conclusions I and II follow.

(d) Only conclusion II follows.

Answer: (c)

7. Select the set in which the numbers are related in the same way as are the numbers of the following set. (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – operations on 13 such as adding /subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed) (60, 65, 25) (216, 44, 20)

(a) (179, 66, 30)

(b) (80, 19, 9)

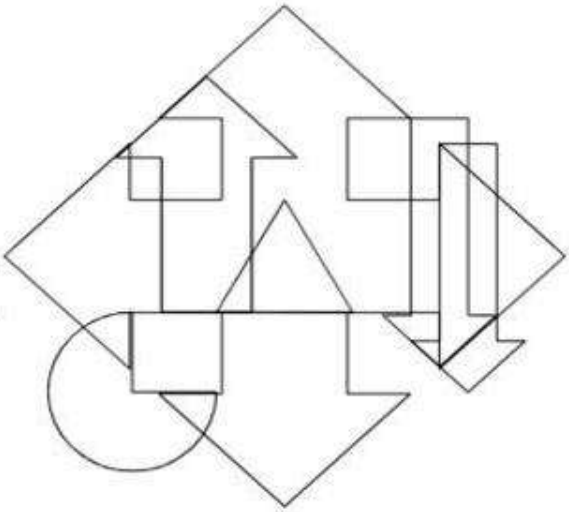
(c) (190, 35, 17)

(d) (198, 35, 13)

Answer: (d)

8.

Select the option figure which is embedded in the given figure. (Rotation is NOT allowed)



(a)



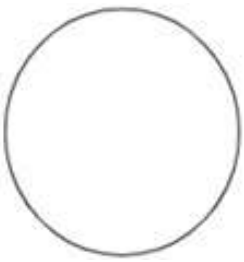
(b)



(c)



(d)



Answer: (c)

9. In a certain code language, ‘live life happily’ is coded as '447', ‘everyone is here’ is coded as '824' and ‘be grateful’ is coded as '28'. How will ‘count your blessings’ be coded in that language?

(a) 658
(b) 856
(c) 549
(d) 459

Answer: (c)

10. Which of the following numbers will replace the question mark (?) in the given series? 4, 7, 12, 19, 28, 39, 52, 67, ?

(a) 83
(b) 84
(c) 82
(d) 81

Answer: (b)

11. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. WBL, DIS, KPZ, RWG, ?

(a) YEM
(b) ZDN
(c) XDN
(d) YDN

Answer: (d)

12. Which two signs should be interchanged to make the below equation mathematically correct? 25 + 200 ÷ 8 × 16 – 48 = 77

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

Answer: (a)

13. Which of the following numbers will replace the question mark (?) in the given series? 4, 24, 30, 180, 186, ?

(a) 192
(b) 1118
(c) 1110
(d) 1116

Answer: (d)

14. 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)
Colour : Red :: Vehicle : ?

(a) Truck

(b) Road

(c) Petrol

(d) Tyre

Answer: (a)

15. 'A ^ P' means 'A is the husband of P'. 'A % P' means 'A is the father of P'. 'A = P' means 'A is the sister of P'. 'A & P' means 'A is the daughter of P'. If F & G = H ^ J, then which of the following is correct?

(a) H and F are siblings.

(b) F is the daughter of J.

(c) G is the mother of J.

(d) J is the wife of G's brother.

Answer: (d)

16. V, W, X, Y, Z, A, B and C were sitting around a square table facing the centre. Some of these were sitting at corners and some were sitting at exact centre of the sides.C was to the immediate right of W. B was third to the left of Z. A was the immediate neighbour of X and C. Z, not at any corner, was the immediate neighbour of W and Y. Who among the following was sitting third to the right of A?

(a) B

(b) Y

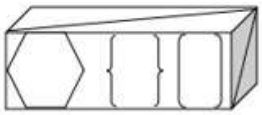
(c) V

(d) Z

Answer: (c)

17.

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



(a)



(b)



(c)



(d)



Answer: (b)

18. 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. FALLEN : TJPOCG :: DANGER : XJKQCE :: CABLES : ?

(a) YJPEBD

(b) YJPECD

(c) DCEPJY

(d) ZJPECD

Answer: (b)

19. Which of the following letter-clusters will replace the question mark (?) and complete the following letter-cluster series? UH, BD, IA, PY, ?

(a) VX

(b) WW

(c) WY

(d) WX

Answer: (d)

20. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 Pillow 2 Pile 3 Pint 4 Picked 5 Pickle

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

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

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

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

Answer: (b)

General Knowledge and General Awareness

1. Which among the following political leaders succeeded Raghav Chadha to become Member of Legislative Assembly from Rajinder Nagar, Delhi in June 2022?

(a) Sanjeev Jha

(b) Manoj Tiwari

(c) Durgesh Pathak

(d) Adarsh Shastri

Answer: (c)

2. Which Part of the Constitution of India contains within it the powers and functions of the Union Public Service Commission?

(a) Part XVII

(b) Part XV

(c) Part XVI

(d) Part XIV

Answer: (d)

3. RUSA , is the central government's contribution to further the promise held by the rich expanse of India's state universities. RUSA stands for:

(a) Rajiv Gandhi Uchchatar Shiksha Abhiyan

(b) Rashtriya Uchchatar Seekh Abhiyan

(c) Rashtriya Unchi Shiksha Abhiyan

(d) Rashtriya Uchchatar Shiksha Abhiyan

Answer: (d)

4. The famous Losoong festival is celebrated in which of the following states?

(a) Assam

(b) Sikkim

(c) Manipur

(d) Rajasthan

Answer: (b)

5. How many sports were there in the Asian Games 2018?

(a) 41
(b) 47
(c) 55
(d) 36

Answer: (b)

6. During the Chola period, muvendavelan and araiyar were titles of _____.

(a) sons of king
(b) commander of army
(c) rich landowners
(d) ministers of king

Answer: (c)

7. Guru Pankaj Charan Das is a famous proponent of which Indian classical Dance?

(a) Manipuri
(b) Odissi
(c) Mohiniyattam
(d) Kathak

Answer: (b)

8. In India, it is the only industry in the country, which is self-reliant and complete in the value chain i.e., from raw material to the highest value added products. Which industry is being spoken about here?

(a) Small Scale Industries
(b) Iron and Steel Industry
(c) Private Sector Industries
(d) Textile Industry

Answer: (d)

9. Who among the following was the founder of the 'Khudai Khidmatgars' non-violent movement?

(a) Syed Ahmad Khan
(b) Abul Kalam Azad
(c) Khan Abdul Ghaffar Khan
(d) Mohammad Ali Jinnah

Answer: (c)

10. Cyclostomes are jawless _____.

(a) vertebrates
(b) protochordates
(c) mollusca
(d) arthropoda

Answer: (a)

11. The first complete census of an Indian city was conducted in 1830 by _____.

(a) James Rennell

(b) Henry Walter

(c) John Graunt

(d) Eratosthenes

Answer: (b)

12. National development council (NDC) was set up in_____ in India.

(a) 1949

(b) 1960

(c) 1952

(d) 1947

Answer: (c)

13. In November 2021, which of the following dancer won a Padma Shri for the contribution in Arts?

(a) Sumitra Mahajan

(b) Manjamma Jogati

(c) Chutni Devi

(d) Shanti Devi

Answer: (b)

14. Whose tenure has been extended by one year as ' Chief of Research and Analysis Wing (R&AW) in June 2022?

(a) Samant Goel

(b) Rajinder Khanna

(c) Arvinda Kumar

(d) Rameshwar Nath Kao

Answer: (a)

16. Which among the following elements has the least atomic radius?

(a) Li

(b) Be

(c) O

(d) B

Answer: (c)

17. In which of the following International Olympic Committee's session, Tomas Bach's Olympic Agenda 2020+5 was discussed?

(a) 137th Session held virtually

(b) 138th Session held in Tokyo

(c) 135th Session held in Lausanne

(d) 136th Session held virtually

Answer: (a)

18. Which water body surrounds India in the west?
    (a) Arabian Sea
    (b) Pacific Ocean
    (c) Bay of Bengal
    (d) Indian Ocean
    Answer: (a)

19. The objective of the first five year plan was to _____.
    (a) promote more education
    (b) initiate a process of development.
    (c) develop agriculture
    (d) increase the GDP of India.
    Answer: (c)

20. In the Indian constitution, Right to equality has _____ articles in it.
    (a) 5
    (b) 4
    (c) 3
    (d) 2
    Answer: (a)

Elementary Mathematics

1. A train runs at a speed of 90 km/h in the first 10 r utes and 60 km/h in next 25 minutes and 15 km/h in last 4 minutes. What is the averag ed he train?
    (a)
    $51\frac{1}{11}$ km/h
    (b)
    $61\frac{11}{13}$ km/h
    (c)
    $63\frac{1}{13}$ km/h
    (d)
    $65\frac{5}{13}$ km/h
    Answer: (c)

2. If 125 identical small spheres are made from a solid sphere of diameter 15 cm, then what is the surface area of each of the small sphere?

(a)

$4\pi\ \text{cm}^2$

(b)

$36\pi\ \text{cm}^2$

(c)

$12\pi\ \text{cm}^2$

(d)

$9\pi\ \text{cm}^2$

Answer: (d)

3. A salesman buys 15 articles for Rs.10 and sells 10 articles for Rs.15. Determine the percentage profit earned by the salesman.

(a) 125%

(b) 100%

(c) 225%

(d) 150%

Answer: (a)

4. Sohan and Rohan together can do a piece of wor[illegible] 18 days. If Sohan alone can do the same work in 27 days, then how many days Rohan alone [illegible]es to complete the same work?

(a) 72

(b) 66

(c) 54

(d) 48

Answer: (c)

5. If A : B = 5 : 8 and B : C = 4 : 7, then find the value of A : B : C.

(a)

$7:8:12$

(b)

$4:9:15$

(c)

$5:8:14$

(d)

$5:8:10$

Answer: (c)

6. The average of the first four prime numbers that are odd is:

(a) 4.6
(b) 4
(c) 6
(d) 6.5

Answer: (d)

7.

The value of the following expression is:

$197 - [\frac{1}{9}\{42 + (56 - 8 + 9)\} + 108]$

(a) 78
(b) 23
(c) 74
(d) 80

Answer: (a)

8. A, B, and C can do a piece of work in 8, 4, and 16 days respectively. How many days will A take to complete the entire work if A is assisted by B and C both on every second day?

(a) 26/7 days
(b) 54/11 days
(c) 7/8 days
(d) 3/4 days

Answer: (a)

9. Which of the following numbers is NOT divisible by 16?

(a) 16826
(b) 17776
(c) 5168
(d) 18016

Answer: (a)

10. In an election between two candidates, One candidate got 48% of the total valid votes. 18% of the votes were invalid. If the total number of votes was 17500, then what was the number of valid votes the other candidate got?

(a) 7512
(b) 14350
(c) 7462
(d) 8750

Answer: (c)

11. A loan of ₹1,50,000 is availed with compound interest rate of 10% per annum for two years compounded annually. It is to be paid in equal yearly instalments; and the instalment is to be paid at the end of each year. The value of the equal yearly instalment is : (Rounded off to two places of decimal)

(a)

₹86,428.57

(b)

₹84,400.44

(c)

₹80,000.24

(d)

₹82,208.67

Answer: (a)

12. A trader gains 12% after allowing a discount of 20% on the marked price of an article. Find his profit percentage if the article is sold at marked price allowing no discount.

(a) 40%

(b) 35%

(c) 38%

(d) 42%

Answer: (a)

13. A triangle has two equal sides, and the t[illegible]s 1.5 times any of these sides. If the perimeter of the triangle is 14 units, then the area of the tria[illegible]le is _____ square units.

(a)

$3\sqrt{3}$

(b)

$3\sqrt{7}$

(c)

$4\sqrt{7}$

(d)

$\frac{3}{2}\sqrt{7}$

Answer: (b)

14. In an election between three candidates A, B and C, 80% of the registered voters voted and all the votes were valid. Candidate B got 50% less votes than A, and the difference between the number of votes secured by B and C was 10000. If B got 10% more votes than C, then the number of voters registered on the voting list is:

(a) 175000

(b) 430000

(c) 220000

(d) 537500

Answer: (d)

15. A man purchased two items at the same price and sold one at a profit of 10% and the other at a loss of 5%. If the difference between the two selling prices is ₹60, then what is the sum of cost price of the two items?

(a)

₹900

(b)

₹700

(c)

₹600

(d)

₹800

Answer: (d)

16. Two trains having lengths 550 m and 650 m a[illegible]running parallel to each other in opposite directions at speeds of 68 km/h and 40 km/h, respectively. In how much time (in seconds) they will cross each other?

(a) 40

(b) 30

(c) 45

(d) 35

Answer: (a)

17. Without stoppages a train travels a certain distance with an average speed of 75 km/h and with stoppages it covers the same distance with an average speed of 65 km/h. How many minutes per hour does the train stop?

(a) 10 min

(b) 7 min

(c) 9 min

(d) 8 min

Answer: (d)

18. When the same number is subtracted from each of 7, 9, 11 and 15, the resulting numbers are in proportion. The number subtracted is:

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

Answer: (d)

19. Lara deposited Rs.8,000 in a bank, which pays her compound interest at the rate of 10% per annum compounded half-yearly. What is the amount she will receive after 18 months?

(a) Rs.9,162
(b) Rs.9,616
(c) Rs.9,621
(d) Rs.9,261

Answer: (d)

20. X was offering two successive discounts of 12 percent and 8 percent on an item while Y was offering flat 20 percent discount on the same item. What is the difference between overall discount given by X and Y?

(a) 0.96 percent
(b) 0.90 percent
(c) 0.92 percent
(d) 0.94 percent

Answer: (a)

English

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

How she managed of escaping from the situation was inexplicable.

(a) managed to escape of
(b) managed to escape on
(c) managed to escape from
(d) managing of escape

Answer: (c)

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

Wild goose chase

(a) To do something pointless
(b) To hunt wild animals
(c) Going on world tour
(d) Competing fiercely

Answer: (a)

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

As he opened the window the sun _____ directly fell on his face.

(a) rays
(b) raze
(c) race
(d) raise

Answer: (a)

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

Auspicious

(a) Antique
(b) Fortunate
(c) Illogical
(d) Despairing

Answer: (b)

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

Mr. Advani was happy to push the boat out for his daughter's wedding.

(a) spend a lot of money
(b) spend less money
(c) avoid risk
(d) take it easy

Answer: (a)

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

They enjoyed _____ the sun rising from the hills.

(a) in seeing
(b) to visualise
(c) watching
(d) blinking at

Answer: (c)

7. Select the most appropriate synonym of the capitalised word in the given sentence.

Isabel listened with extreme respect to this ADMONITION.

(a) Insult
(b) Prayer
(c) Council
(d) Counsel

Answer: (d)

8. Select the correct pair of words for the blanks in the given sentence.

I will _____ a new purse from the shop on the _____ pass road.

(a) by; bye
(b) bye; bye
(c) buy; by
(d) bye; buy

Answer: (c)

9. Fill in the blank in the following sentence using the ANTONYM of the underlined word. We believe that this incident has been exaggerated so _____ it.

(a) ignore
(b) condemn
(c) underwrite
(d) understate

Answer: (d)

10. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. I can't say for sure/ what make him/ think of such an/ outrageously absurd idea.

(a) I can't say for sure
(b) what make him
(c) think of such an
(d) outrageously absurd idea

Answer: (b)

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

Curtail

(a) Seize
(b) Amplify
(c) Restrict
(d) Deviate

Answer: (b)

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

Over 80% of India's transportation fuel are exchanged.

(a) is endangered
(b) are vanished
(c) is imported
(d) have vanished

Answer: (c)

14. The sentence given below has one misspelt word. Spot the INCORRECTLY spelt word and select its correct spelling.

The aproximate value of my property is ₹2 lakh.

(a) Approximate
(b) Aproxemate
(c) Apprroximate
(d) Appraximate

Answer: (a)

15. Select the most appropriate ANTONYM of the given word. Outgoing

(a) Extravagant
(b) Eccentric
(c) Introverted
(d) Rational

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.
>
> Miss Caroline was no more (1)_____ twenty-one. She had bright auburn hair, pink (2)_____, and wore crimson finger-nail polish. She also (3)_____ high-heeled pumps and a red-and-white (4)_____dress. She looked and smelled (5)_____ a peppermint drop.

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

(a) then
(b) but
(c) than
(d) the

Answer: (c)

17. Select the most appropriate option to fill in blank number 2.

(a) ears
(b) eyes
(c) cheeks
(d) eyebrows

Answer: (c)

18. Select the most appropriate option to fill in blank number 3.

(a) wore
(b) worn
(c) wearing
(d) put

Answer: (a)

19. Select the most appropriate option to fill in blank number 4.

(a) striped
(b) stripped
(c) stepped
(d) stapled

Answer: (a)

20. Select the most appropriate option to fill in blank number 5.

(a) liked
(b) as
(c) like
(d) as if

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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