PREVIOUS YEAR PAPER

SSC GD Constable — 11 January 2023, Shift 4

SSC GD Constable · 11 January 2023 · 5:15 PM - 6:15 PM

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

Left out of the original paper: 3 (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).

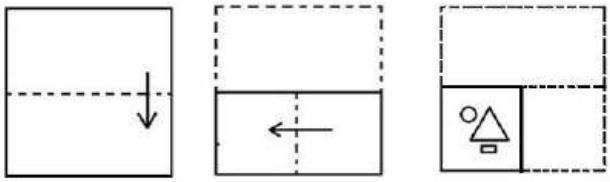
Questions from the Staff Selection Commission's paper of 11 January 2023, 5:15 PM - 6:15 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-gd/previous-year-papers/ssc-gd-2023-11-jan-shift-4/

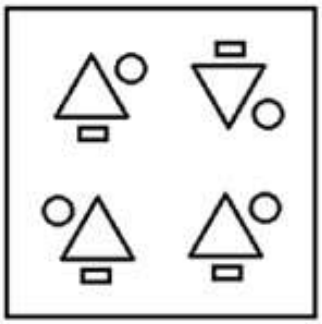
General Intelligence and Reasoning

1.

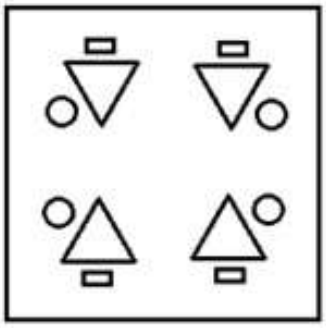
The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Select the figure which would most closely resemble the unfolded form of the paper.



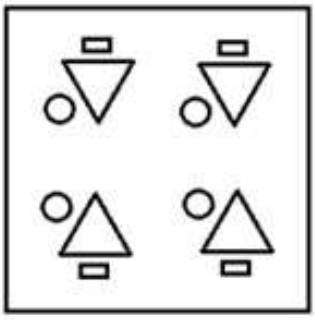
(a)



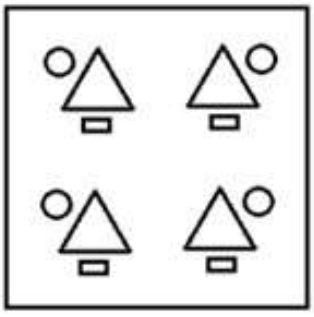
(b)



(c)



(d)



Answer: (b)

2. Select the correct combination of mathematical signs to sequentially replace the % signs and to balance the given equation. 48 % 12 % 5 % 5 % 4

(a) ×, ÷, =, −

(b) ÷, ×, =, ×

(c) ×, =, −, ÷

(d) ÷, ×, =, −

Answer: (b)

3. In a certain code language, BRAVE is coded as 48, and SPEAR is coded as 59. How will VICTOR be coded in that language?

(a) 85

(b) 81

(c) 87

(d) 83

Answer: (c)

4. 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) (11, 20, 341) (25, 33, 638)

(a) (20, 25, 625)

(b) (12, 29, 341)

(c) (14, 17, 363)

(d) (12, 32, 484)

Answer: (d)

5. Which of the following letter-clusters will replace the question mark (?) in the given series? XEJT, UHMQ, ?, ONSK, LQVH

(a) RKPN

(b) SKQN

(c) RKQM

(d) RLPN

Answer: (a)

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 notebooks are pink. All pinks are shirts. Some shirts are trousers. Conclusions:
I. All trousers are notebooks.
II. Some trousers are pink.

(a) Only conclusion I follows.

(b) Both conclusions I and II follow.

(c) Neither conclusion I nor II follows.

(d) Only conclusion II follows.

Answer: (c)

7. A # B means ‘A is the brother of B’ A @ B means ‘A is the daughter of B’ A & B means ‘A is the husband of B’ A % B means ‘A is the wife of B’ A * B means ‘A is the son of B’ If M*G@K@B%A*W, then how is A related to G?

(a) Mother’s father

(b) Brother

(c) Father

(d) Mother

Answer: (a)

8. In a certain code language, ‘TRAVEL’ is written as ‘156’, ‘PERSON’ is written as ‘174’, how will ‘ALMOND’ be written as in that language?

(a) 64

(b) 118

(c) 59

(d) 120

Answer: (b)

9. Six candidates Anand, Balu, Charan, Dinesh, Emran and Farhad were seated on a circular table for group discussion at equal distance, facing the centre of the circle. Dinesh is the immediate neighbour of Emran and Balu while Charan is the immediate neighbour of Anand and Farhad. If Farhad is to the immediate right of Balu, then who is on the immediate right of Dinesh?

(a) Farhad

(b) Anand

(c) Emran

(d) Balu

Answer: (d)

10. Six friends (P, Q, R, S, T and U) are sitting around a circular table facing the centre. P sits second to the right of U. R sits third to the right of Q. S and R both are the immediate neighbours of P. Who sits between Q and P?

(a) T

(b) R

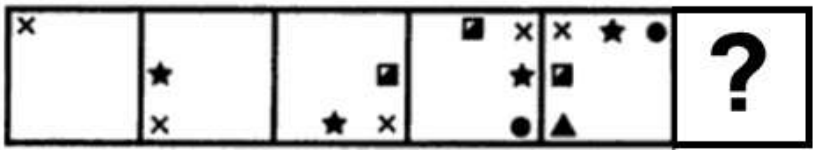
(c) S

(d) U

Answer: (c)

11.

Select the figure from among the given options that can replace the question mark (?) in the following series.



(a)



(b)



(c)



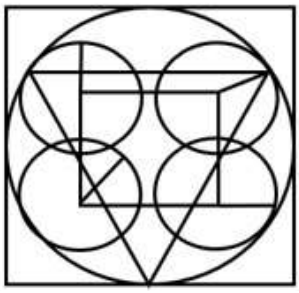
(d)



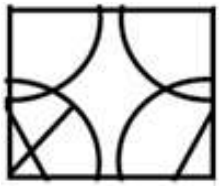
Answer: (b)

12.

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



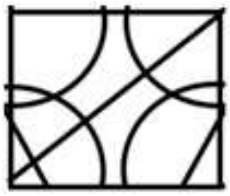
(a)



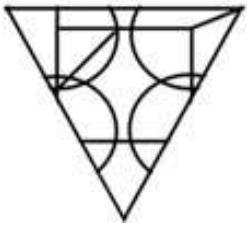
(b)



(c)



(d)



Answer: (a)

13. Which letter-cluster will replace the question mark (?) to complete the given series? AKED, ENGE, ?, MTKG, QWMH

(a) IQJE

(b) IRIF

(c) IQIF

(d) IQJF

Answer: (c)

14. Which of the following numbers will replace the question mark (?) in the given series? 50, 60, 51, 62, 54, 66, 59, 72, ?

(a) 71

(b) 66

(c) 65

(d) 64

Answer: (b)

15. 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. EXPLAIN : AEILNPX :: MEDICAL : AEICDLM :: PRIVACY : ?

(a) AICPRYV

(b) AICPRVY

(c) AICRPVY

(d) ACIPVRY

Answer: (b)

16. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 Bread 2 Brain 3 Break 4 Broom 5 Bridge

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

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

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

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

Answer: (b)

17.

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



(a)



(b)



(c)



(d)



Answer: (d)

18. Which two signs should be interchanged to make the below equation mathematically correct?
112 - 14 ÷ 40 + 8 × 12 = 64

(a) + and ÷

(b) + and ×

(c) ÷ and -

(d) - and +

Answer: (c)

19. 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. DOWN: VKCL:: ARMY: YHMA :: HOME:?

(a) GNLD

(b) RKMU

(c) TMOW

(d) SLNV

Answer: (b)

20. Which of the following numbers will replace the question mark (?) in the given series? 23, 24, 50, 153, ?

(a) 512

(b) 516

(c) 616

(d) 204

Answer: (c)

General Knowledge and General Awareness

1. _____ (NPS) is a voluntary, defined contribution retirement savings scheme to enable the subscribers to make optimum decisions regarding their future through systematic savings.

(a) National Permit System

(b) National Pension System

(c) National Paid Scheme

(d) National Payer System

Answer: (b)

2. 'Gonph' dance is a famous folk dance of which state?

(a) Uttar Pradesh

(b) Goa

(c) Bihar

(d) Odisha

Answer: (b)

3. Which of the following is not an essential Qualification for the candidature of President?
   (a) Qualified for election as a member of the House of the People
   (b) Minimum Thirty-Five years of Age
   (c) Citizen of India
   (d) Higher Education
   Answer: (d)

4. In India, the responsibility of conducting the decadal census rests with which ministry?
   (a) Ministry of Home Affairs
   (b) Ministry of Finance
   (c) Ministry of Corporate Affairs
   (d) Ministry of Statistics
   Answer: (a)

5. Identify the third layer of soil from top.
   (a) Unweathered parent bed rock
   (b) Sub soil
   (c) Top soil
   (d) Substratum weathered parent rock material
   Answer: (d)

6. The Hemis festival is predominantly celebrated in _ ___.
   (a) Puducherry
   (b) Chandigarh
   (c) Ladakh
   (d) Lakshadweep
   Answer: (c)

7. Which five year plan was running in India during the 1971 Indo-Pak war?
   (a) Eighth
   (b) Fourth
   (c) Second
   (d) Sixth
   Answer: (b)

8. In India, the first phase of the green revolution was from mid _____ upto mid _____.
   (a) 1940, 1950
   (b) 1970, 1980
   (c) 1960, 1970
   (d) 1950, 1960
   Answer: (c)

9. The Asian Games 2018 was held in which of the following country?

(a) Indonesia
(b) Singapore
(c) Thailand
(d) Maldives

Answer: (a)

10. Aparna Satheesan was honoured with the prestigious Bharata Shastra Nritya Praveena National Award for her outstanding performance in which dance form?

(a) Kathakali
(b) Bharatnatyam
(c) Lavani
(d) Kuchipudi

Answer: (d)

11. What is the diameter and weight of the discus used in a discus thrown in Men's category?

(a) 3kg in weight and 24cm in diameter
(b) 2kg in weight and 23cm in diameter
(c) 2kg in weight and 22cm in diameter
(d) 2.5kg in weight and 22cm in diameter

Answer: (c)

12. In 2019, with _____ million tonnes of crude steel production, India ranked 2nd among the world crude steel producers.

(a) 71
(b) 234
(c) 198
(d) 111

Answer: (d)

13. Which among the following elements has atomic number 33?

(a) Arsenic
(b) Barium
(c) Neon
(d) Iodine

Answer: (a)

14. The _____ has the sole authority to issue banknotes in India.

(a) State Bank of India
(b) Securities bank
(c) World bank
(d) Reserve bank of India

Answer: (d)

15. Who has been appointed as Vice Chairman of NITI AAYOG from 1 May 2022?

(a) Gita Gopinath
(b) Dr. Hiren Joshi
(c) Ranjan Gogoi
(d) Suman Bery

Answer: (d)

16. As the Mauryan empire was so large, different parts were ruled differently. The area around _____ was under the direct control of the emperor.

(a) Taxila
(b) Ujjain
(c) Pataliputra
(d) Lumbini

Answer: (c)

17. To defend the Khalifa's temporal powers, a Khilafat Committee was formed in Bombay in _____.

(a) May 1918
(b) May 1919
(c) March 1918
(d) March 1919

Answer: (d)

18. Which of the following pair of cell - shape is corr[illegible]?
I. Red blood cells - Spherical shape
II. Muscle cells - Spindle shape

(a) Neither I nor II
(b) Both I and II
(c) Only II
(d) Only I

Answer: (b)

19. Which of the following duties was NOT added by the 42nd amendment to the Indian Constitution?

(a) To provide opportunities for education to one’s child or ward between the ages of six and fourteen years
(b) To value and preserve the rich heritage of the country’s composite culture
(c) To safeguard public property and to abjure violence
(d) To uphold and protect the sovereignty, unity and integrity of India

Answer: (a)

20. Who was approved as the non-executive part time chairman of Yes Bank by Reserve Bank of India in September 2022?

(a) Osborn Smith

(b) Shaktikanta Das

(c) Rama Subramaniam Gandhi

(d) Raghuram Rajan

Answer: (c)

Elementary Mathematics

1. Ankita bought some toys at 10 percent discount on the original price. The original price of each toy was Rs. 50. If she made a total savings of Rs. 450, then how many toys did she buy?

(a) 75

(b) 50

(c) 90

(d) 45

Answer: (c)

2. A cyclist and a jogger cover a certain distance at a certain speed. If the jogger covers one-third of the distance covered by cyclist in double of the time as that taken by the cyclist, the ratio of the speed of the jogger to that of the cyclist is:

(a) 1 : 9

(b) 9 : 1

(c) 1 : 6

(d) 6 : 1

Answer: (c)

3. A woman buys an item for Rs.950 and sells it for Rs.1,150. What is her percentage profit (rounded off to the nearest integer)?

(a) 21%

(b) 23%

(c) 20%

(d) 22%

Answer: (a)

4. On an item, a shopkeeper offers a discount of 7.5% on the marked price and a cashback of ₹10 per item. He still earns ₹5 per item. If ₹x is the marked price of each item, then, what is the cost price (in ₹) of each item?

(a) 0.915x − 5

(b) 0.925x − 5

(c) 0.925x − 15

(d) 0.915x − 15

Answer: (c)

5. After deducting 15% from a certain sum and then 25% from the remainder, there is ₹4,335 left. Find the original sum.

(a)

₹6,800

(b)

₹6,700

(c)

₹6,500

(d)

₹7,000

Answer: (a)

6. The expenditure of a man is 70% of his income. If his income will successively increase by 20% and 50%, then his new expenditures is how much percentage more/less than his previous expenditure, so that his new savings become 2.5 times of the previous savings?

(a) More, 50%

(b) Less, 50%

(c) Less, 54%

(d) More, 54%

Answer: (a)

7. A completes 80% of a work in 20 days. Then B joins A and they complete the remaining work in 3 days. How long will B alone take to complete the whole work?

(a)

$37\frac{1}{2}$ days

(b)

40 days

(c)

39 days

(d)

$35\frac{1}{2}$ days

Answer: (a)

8. The maximum length of a rod (in m) that can be kept in a cuboidal room of length 10 m, breadth 6 m and height 8 m, is:

(a)

$9\sqrt{2}$

(b)

$12\sqrt{2}$

(c)

$10\sqrt{2}$

(d)

$15\sqrt{2}$

Answer: (c)

9.

The ratio of cheese to sauce for a single pizza is 1 cup to $\frac{1}{2}$ cup. If Rama used 15 cups of sauce to make a certain number of pizzas, then how many cups of cheese did she use on those pizzas?

(a) 30

(b) 20

(c) 40

(d) 10

Answer: (a)

11. Sakshi and Komal together can complete a work in 10 days. Komal can complete the same work in 22 days. They started working together but Sakshi left the work after 3 days and Komal completed the remaining work alone. Find the total number of days in which the work is completed.

(a) 88/5 days

(b) 92/5 days

(c) 97/5 days

(d) 44/5 days

Answer: (b)

12. A bank offers compound interest at the rate of 10% per annum when interest is compounded half-yearly. A customer deposits Rs.3,200 each on 1st January and 1st July of a year. At the end of the year, what will be the amount received by customer as interest?

(a) Rs.488

(b) Rs.656

(c) Rs.720

(d) Rs.528

Answer: (a)

13.

The value of $\frac{16 \times 9 \div 4 \text{ of } 2}{3 \times (9-6) - 2 \times 3 \div 4 \text{ of } \frac{1}{2}}$ is:

(a) 3

(b) 9

(c) 36

(d) 18

Answer: (a)

14. What is the difference between compound interests on ₹5,000 compounded yearly and half-yearly for 1 year at 4% per annum?

(a) ₹2.04

(b) ₹2.00

(c) ₹19.04

(d) ₹3.20

Answer: (b)

15. The ratio of the money with Geeta and Radha is 7 : 15 and that of the money with Radha and Savitha is 7 : 16. If Geeta has ₹980, how much money does Savitha have?

(a)

₹2,400

(b)

₹2,100

(c)

₹9,800

(d)

₹4,800

Answer: (d)

16. A fast local train takes 30 minutes less than a slow local train for a journey of 60 km. If the speed of the slow local train is 20 km/h less than the speed of the fast local train, what is the speed of the slow local train?

(a) 60 km/h

(b) 30 km/h

(c) 40 km/h

(d) 50 km/h

Answer: (c)

17. A person travels from one place to another at 180 km/h and returns to the starting point by the same route at 240 km/h. If the total time taken is 6 h, then find the distance between two places.

(a) 872.26 km
(b) 720.84 km
(c) 650.28 km
(d) 617.14 km

Answer: (d)

18. The length, breadth and the height of a cuboid are 24 cm, 18 cm and 12 cm respectively. It is melted to make smaller cubes. If the length of the side of the cube is 6 cm, then what is the number of cubes formed?

(a) 22
(b) 26
(c) 18
(d) 24

Answer: (d)

19. The numbers 73, 115 and 185 are divided a by number to leave the same remainder. Find the greater possible such number.

(a) 5
(b) 7
(c) 14
(d) 11

Answer: (c)

20. As shopkeeper using a faulty weight whi[illegible]ses to sell the article at cost price and gains a profit of 25%. Find the faulty weight he uses for 1000 g.

(a) 850 g
(b) 750 g
(c) 800 g
(d) 975 g

Answer: (c)

English

2. Select the correct word for the blanks in the given sentence.

A _____ is a nocturnal animal and a _____ is needed for the game of cricket.

(a) ball
(b) bales
(c) goal
(d) bat

Answer: (d)

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

Her face was _____ after seeing the house in such condition.

(a) bedew
(b) blue
(c) brew
(d) blew

Answer: (b)

4. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

She has barely made it to the airport, when she heard the news of her dad's accident.

(a) have barely made it
(b) had barely made it
(c) No substitution
(d) is barely making it

Answer: (b)

5. Select the most appropriate set of words to complete the sentence.

I want to see the Dussehra _____ in Delhi, what is the second-class railway _____ from Agra to Delhi.

(a) fair; fare
(b) fare; fair
(c) fair; fair
(d) fare; fare

Answer: (a)

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

Flash in the pan

(a) Someone who helps others when they are in need, with no discussion for compensation, and no thought of a reward
(b) Something that looks promising in the beginning but fails to deliver anything in the end
(c) Not willing or wanting to change from your normal way of doing something
(d) A place where people gather to buy and sell inexpensive goods

Answer: (b)

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

Autonomy

(a) Temperance
(b) Partiality
(c) Dependency
(d) Righteousness

Answer: (c)

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

Your health could suffer if you spend more time with the automobiles.

(a) in front of electronic devices
(b) in backlog of machines
(c) besides the machines
(d) after the digital devices

Answer: (a)

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

Compact

(a) Dense
(b) Expand
(c) Whole
(d) Holistic

Answer: (a)

11. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'. Prince Charles became a youngest heir to the throne at the age of seven.

(a) the youngest heir to an throne
(b) No substitution
(c) the youngest heir to the throne
(d) a youngest heir to a throne

Answer: (c)

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

Insipid

(a) Explicit
(b) Opaque
(c) Tasty
(d) Immense

Answer: (c)

13. Select the INCORRECTLY spelt word.

(a) Slaughter
(b) Dampness
(c) Anthropology
(d) Phinomenon

Answer: (d)

14. Identify and correct the INCORRECTLY spelt word in the given sentence.

The flovers in the garden seemed as if they refused to bloom for spraying pesticides on them.

(a) pestisides
(b) blome
(c) refuced
(d) flowers

Answer: (d)

15. Select the most appropriate synonym of the underlined word from the given options.

The benevolent lady donated her estate for the welfare of the city.

(a) Foolish
(b) Gracious
(c) Insane
(d) Charming

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.
>
> The most common health conditions (1)_____ people today include heart disease, stroke, diabetes, and cancer. When people are experiencing these conditions, they (2)_____ the illness side of the spectrum. Lifestyle factors that put you at risk for developing these conditions include smoking, alcohol substance use disorder, lack of exercise, sleep (3)_____, and a diet rich in processed foods, sugar, saturated fat, and artificial flavours. An (4)_____ weight is another factor that can put one at risk for these conditions, especially carrying extra weight (5)_____ your midsection.

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

(a) looking
(b) towards
(c) facing
(d) against

Answer: (c)

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

(a) count to
(b) dive in
(c) pass off
(d) fall into

Answer: (d)

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

(a) desire
(b) impoverishment
(c) deprivation
(d) poverty

Answer: (c)

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

(a) empirical
(b) unhygienic
(c) contaminated
(d) unhealthy

Answer: (d)

20. Select the most appropriate option to fill in blank [illegible]

(a) concerning
(b) around
(c) directing
(d) against

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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