PREVIOUS YEAR PAPER

SSC GD Constable — 10 January 2023, Shift 1

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

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).

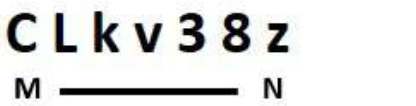
Questions from the Staff Selection Commission's paper of 10 January 2023, 9:00 AM - 10:00 AM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-gd/previous-year-papers/ssc-gd-2023-10-jan-shift-1/

General Intelligence and Reasoning

1.

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



(a)



(b)



(c)



(d)



Answer: (c)

2.

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



(a)



(b)



(c)



(d)



Answer: (b)

3. 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. YOUR: XPEJ :: TONE: SPLW :: BANK: ?

(a) XYOP

(b) CBOL

(c) ABLQ

(d) YZMP

Answer: (c)

4. 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. COMFORT : OCFMTRO :: CONTROL : OCTNLOR :: DIGITAL : ?

(a) IDIGLAT

(b) GITALDI

(c) GIDLATI

(d) LATIGID

Answer: (a)

5. In a certain code language, 'cart light' is coded as 'straw handle', 'plug light' is coded as 'toes handle', and 'cart plug' is coded as 'toes straw'. What is the code word for 'cart'?

(a) plug

(b) straw

(c) handle

(d) toes

Answer: (b)

6. Which of the following numbers will replace the question mark (?) in the given series? 1, 6, 31, 156, ? , 3906

(a) 781

(b) 2125

(c) 985

(d) 1225

Answer: (a)

7. Which two signs should be interchanged to make the below equation mathematically correct? 72 × 6 + 18 ÷ 5 - 9 = 93

(a) × and +

(b) + and -

(c) ÷ and -

(d) × and ÷

Answer: (d)

8. Which of the following numbers will replace the question mark (?) in the given series? 33, 47, 44, 58, 56, 70, 69, ?

(a) 80

(b) 82

(c) 84

(d) 83

Answer: (d)

9. 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) (20, 30, 450) (35, 25, 540)

(a) (9, 17, 264)

(b) (20, 9, 297)

(c) (7, 18, 225)

(d) (8, 15, 227)

Answer: (c)

10. In a certain code language, FORCE is coded as 47, and GREEN is coded as 49. How will FLAVOUR be coded in that language?

(a) 98

(b) 92

(c) 95

(d) 100

Answer: (c)

11. Six people are sitting around a circular table facing the centre. Kaya is the immediate neighbour of Jaya and Tara. Sonal is the immediate neighbour of Priya and Swati. Sonal is sitting immediate right of Priya, Tara and Swati are not sitting immediately next to each other. Who is sitting to the immediate left of Priya?

(a) Tara

(b) Kaya

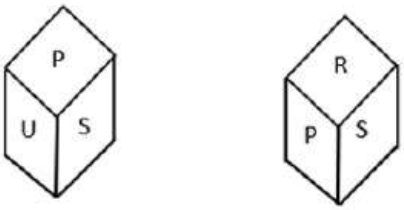
(c) Jaya

(d) Swati

Answer: (a)

12.

Two different positions of the same dice are shown having alphabets P to U. Find the alphabet on the face opposite the face showing 'U'.



(a) Q
(b) S
(c) T
(d) R

Answer: (d)

13. Six colleagues A, B, C, D, E and F are having lunch together on a circular table at equal distance, facing the centre of the circle. D is the immediate neighbour of E and B while C is the immediate neighbour of A and F. If A is to the immediate left of E, then who is on the immediate left of C?

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

Answer: (b)

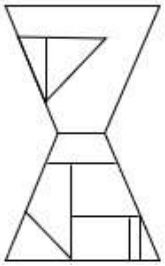
14. Which of the following terms will replac tion mark (?) in the given series? EZF, GXH, KTL, QNR, ?

(a) WEY
(b) YGY
(c) YFZ
(d) XFZ

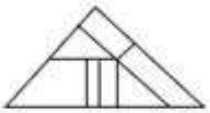
Answer: (c)

15.

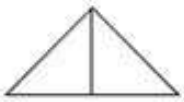
Select the option figure which is embedded in the given figure. (Rotation is NOT allowed)



(a)



(b)



(c)



(d)



Answer: (d)

16. Which two signs should be interchanged to make the below equation mathematically correct? 42 + 16 ÷ 7 - 36 × 16 = 76

(a) + and -

(b) ÷ and ×

(c) × and +

(d) ÷ and +

Answer: (c)

17. Which letter-cluster will replace the question mark (?) to complete the given series? ZACF, WXZC, ? , QRTW, NOQT

(a) XUVZ
(b) XUYZ
(c) VWZC
(d) TUWZ

Answer: (d)

18. 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 bottles are bags. Some bags are pencils. Some pencils are sharpeners. Conclusions:
I. Some sharpeners are bottles.
II. Some bottles are pencils.

(a) Both conclusions I and II follow.
(b) Neither conclusion I nor II follows.
(c) Only conclusion II follows.
(d) Only conclusion I follows.

Answer: (b)

19. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 manner 2 manage 3 masculine 4 magic 5 matter

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

Answer: (c)

20. 'A + B' means 'B is the father of A' 'A # B' means 'B is the sister of A' 'A @ B' means 'B is the brother of A' If A @ B # C + D + E, then how is E related to A?

(a) Son
(b) Father
(c) Father's father
(d) Father's brother

Answer: (c)

General Knowledge and General Awareness

1. Jagoi is a major style of which of the following forms of Indian classical dance?

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

Answer: (c)

3. Tapan Kumar Pattanayak won the Sangeet natak Akademi Award in which dance form?

(a) Kuchipudi
(b) Chhau
(c) Sattriya
(d) Odissi

Answer: (b)

4. Who was the first Indian to conquer the English Channel from Dover to Calais in 1958, and also the only man to swim the oceans of the five continents in one calendar year in 1966?

(a) Mihir Sen
(b) Ramanathan Krishnan
(c) Ajit Patel
(d) Khashaba Jadhav

Answer: (a)

5. Rs. 2000 banknote of Mahatma Gandhi (New) Series has _____ motif on its back.

(a) Rani Ki Vav
(b) Mangalyaan
(c) Sun Temple, Konark
(d) Red Fort

Answer: (b)

6. Who commissioned India's first indigenous aircraf rrier INS Vikrant in Kochi in September 2022?

(a) Rajnath Singh
(b) Amit Shah
(c) Jyotiraditya Scindia
(d) Narendra Modi

Answer: (d)

7. Which latitude line passes through the middle of India influencing the climate of the country?

(a) Equator
(b) Tropic of Capricorn
(c) Tropic of Cancer
(d) Antarctic Circle

Answer: (c)

8. During the reign of which of the following Mauryan kings, the Kalinga War was fought?

(a) Bindusara
(b) Ashoka
(c) Chandragupta
(d) Dasaratha

Answer: (b)

9. When was the first complete Census conducted in India?

(a) 1882
(b) 1880
(c) 1887
(d) 1881

Answer: (d)

10. Who has been appointed as the “State Brand Ambassador” of Uttarakhand government in August 2022?

(a) Dinesh Karthik
(b) Rishabh Pant
(c) Akshay Kumar
(d) Rohit Shetty

Answer: (b)

11. The President of India is elected by _____.

(a) Only the Members of State Legislative Assemblies
(b) Only the elected members of both Houses of Parliament
(c) Only the members' of Council of States
(d) the Elected Members of both Houses of Parliament and State Legislative Assemblies.

Answer: (d)

12. Which of the following is the thanksgiving festiva Maharashtra, where bulls are honoured as they are considered indispensable to farming?

(a) Makar Sankranti
(b) Pola Festival
(c) Gudi Padwa
(d) Kala Ghoda Arts Festival

Answer: (b)

13. Original text of the Indian Constitution contained _____ articles.

(a) 376
(b) 395
(c) 386
(d) 440

Answer: (b)

14. Which of the following was one of the main objectives of the Seventh Five-Year Plan?

(a) Increase in Infrastructure
(b) Increase in production of Food Grains
(c) Elimination of poverty
(d) Improve the standard of living

Answer: (b)

15. Moss and Marchantia comes under which of the following?
    (a) Algae
    (b) Gymnosperms
    (c) Pteridophytes
    (d) Bryophytes
    Answer: (d)

16. Revenue receipts are _____ as they do not lead to a claim on the government.
    (a) capital receipts
    (b) reinforceable
    (c) redeemable
    (d) non-redeemable
    Answer: (d)

17. During emergency which fundamental rights cannot be suspended?
    (a) Article 14-15
    (b) Article 20-21
    (c) Article 18-19
    (d) Article 16-17
    Answer: (b)

18. In which among the following states, Arabica coffe grown in India?
    (a) Assam
    (b) Uttarakhand
    (c) West Bengal
    (d) Karnataka
    Answer: (d)

19. _____falls under the Ministry of textiles.
    (a) Samarth Scheme
    (b) Ambekar Social Innovation & Incubation Mission
    (c) MPLADS (Members of Parliament Local Area Development Scheme)
    (d) Merchandise Export From India Scheme
    Answer: (a)

20. Which State won the Vijay Hazare Trophy in 2017-18?
    (a) Uttar Pradesh
    (b) Kerala
    (c) Maharashtra
    (d) Karnataka
    Answer: (d)

Elementary Mathematics

1. A shopkeeper allows a discount of 40% on his articles and still makes a profit of 20%. How much cost price does shopkeeper pay for an article whose marked price is ₹ 2,400?

(a) ₹1,728
(b) ₹1,200
(c) ₹1,440
(d) ₹1,132

Answer: (b)

2. A man covers a certain distance by scooter at 64 km/h and he returns to the starting place riding a bicycle at 16 km/h. Find the average speed for the whole journey.

(a) 25.6 km/h
(b) 26.5 km/h
(c) 40 km/h
(d) 51.2 km/h

Answer: (a)

3. 5 women can complete a work in 8 days, while 8 children take 10 days to complete the same work. How many days will 2 women and 4 children take to complete the work?

(a) 10
(b) 12
(c) 40
(d) 8

Answer: (a)

4.

The diameter of a right circular cylinder is 14 cm and height is 2 cm. The sum of its curved surface area and the total surface area is: $\left(\text{use } \pi = \frac{22}{7}\right)$

(a) 484 cm^2
(b) 308 cm^2
(c) 176 cm^2
(d) 968 cm^2

Answer: (a)

5.

What is the fourth proportional to $\sqrt{6}, \sqrt{8}$ and $\sqrt{21}$?

(a)

$3\sqrt{7}$

(b)

$2\sqrt{7}$

(c)

$8\sqrt{7}$

(d)

$5\sqrt{7}$

Answer: (b)

6. A can paint a painting in 12 days. B can paint the same in 8 days. C can paint the same in 10 days. Find the (approximate) number of days in which the painting can be painted by A if he is accompanied by both B and C together on alternate days and A starts painting on the first day alone.

(a) 4.4 days

(b) 5.4 days

(c) 7.2 days

(d) 8.5 days

Answer: (b)

7. The population of bears in a city has been growing at 3% every year. If the present population of bears in the city is 21,218, what was the population of bears two years ago?

(a) 18000

(b) 19000

(c) 18500

(d) 20000

Answer: (d)

8. The income of a person is ₹95,000 and his expenditure is ₹75,000. If his income is increased by 18% and the expenditure by 12%, then what will be the percentage increase in his saving?

(a) 40.6%

(b) 40.8%

(c) 40.4%

(d) 40.5%

Answer: (d)

9. Mohan is selling a table at Rs.2,832. If his profit is 18%, then what is the cost price of the table?

(a) Rs.2,480
(b) Rs.2,500
(c) Rs.2,440
(d) Rs.2,400

Answer: (d)

10. In how much time (in years) would ₹80,000 amount to ₹1,17,128 at 10% per annum rate of interest, compounded yearly?

(a) 4 years
(b) 2 years
(c) 2.5 years
(d) 3.5 years

Answer: (a)

11. 5 bells start commencing together at 9 AM. They ring at the intervals of 12 seconds, 18 seconds, 24 seconds, 36 seconds and 45 seconds. At what time do the bells ring together again?

(a) 9:10 AM
(b) 9:06 AM
(c) 9:08 AM
(d) 9:05 AM

Answer: (b)

12. A spends 45% of his salary on food and donate[illegible]% of his salary on old age homes. If he spends Rs.28,500 on food and old age hor[illegible] the[illegible]hat will be the salary of A?

(a)
Rs. 52,000
(b)
Rs. 57,000
(c)
Rs. 50,000
(d)
Rs. 55,000

Answer: (b)

13. A cone of radius 9 cm and height 15 cm is melted and made into a cylinder of height 45 cm. The diameter of the cylinder is:

(a) 3 cm
(b) 5 cm
(c) 10 cm
(d) 6 cm

Answer: (d)

14.

A person rides bicycle on four different ways to reach the destination. Determine the average speed during this whole journey.

Way	Speed (km/h)	Distance (km)
A	5	20
B	3	15
C	2	10
D	4	24

(a)

$4.5\ \frac{\text{km}}{\text{hr}}$

(b)

$3.45\ \frac{\text{km}}{\text{hr}}$

(c)

$5.5\ \frac{\text{km}}{\text{hr}}$

(d)

$2.45\ \frac{\text{km}}{\text{hr}}$

Answer: (b)

15. Divya bought a car for ₹ 3,50,000 and sold it for ₹ 4,35,000. What is her percentage profit (correct up to one decimal place)?

(a)

23.3%

(b)

24.3%

(c)

21.5%

(d)

20.7%

Answer: (b)

16.

If $(5x - 2y) : (x - 2y) = 9 : 17$, then find the value of $\frac{9x}{13y}$.

(a) $\frac{72}{421}$

(b) $\frac{151}{1731}$

(c) $\frac{36}{247}$

(d) $\frac{144}{1001}$

Answer: (c)

17. A car covered 240 km in 5 h. If it travels with half of its usual speed, then how much more time will be taken to cover the same distance?

(a) 3 h

(b) 5 h

(c) 10 h

(d) 4 h

Answer: (b)

18. X bought 40 pencils for a total of Rs 180 and bought 2 dozens of pens for Rs 180. Find the difference between the price of one pen and one pencil.

(a) Rs 3.5

(b) Rs 3

(c) Rs 2

(d) Rs 2.5

Answer: (b)

19. How many prime numbers are there between 40 and 50?

(a) 4

(b) 5

(c) 3

(d) 2

Answer: (c)

20. A dealer allowed a discount of 20 percent on marked price of Rs. 72000 on an article and incurred a loss of 10 percent. What discount should he allow on the marked price, so that he gains Rs. 440 on the article?

(a) 10.5 percent
(b) 8.5 percent
(c) 9.5 percent
(d) 11.5 percent

Answer: (a)

English

1. Identify the correctly spelt sentence.

(a) The events arranged or organised in order of time are known as chronoligal order.
(b) The events arranged or organised in order of time are known as chronological order.
(c) The events arranged or organised in order of time are known as chronologikal order.
(d) The events arranged or organised in order of time are known as chronoloigal order.

Answer: (b)

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

Timid

(a) Diffident
(b) Shy
(c) Bold
(d) Fearful

Answer: (c)

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

Blast

(a) Blow up
(b) Recall
(c) Plead
(d) Share

Answer: (a)

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

I <u>regarded</u> my brother on passing his graduation examination.

(a) congratulated
(b) disparaged
(c) flattered
(d) kowtowed

Answer: (a)

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

Liability

(a) Resource
(b) Responsibility
(c) Asset
(d) Strike

Answer: (c)

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

In many road accidents people break their bones mainly because their vehicle _____ fails.

(a) brake
(b) broke
(c) brow
(d) bleak

Answer: (a)

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

Sivakashi is famous for its _____ box industry, and I am unable to find a _____ for my purple dress.

(a) sweat
(b) match
(c) chatter
(d) bread

Answer: (b)

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

Truthfully speaking, the victories of peace and harmony have a more _____ impact on human civilisation than the so-called victories of war.

(a) Superior
(b) Transient
(c) Lasting
(d) Greater

Answer: (c)

9. Select the most appropriate option to substitute the underlined segment in the given sentence.

Purchasing furniture at a low cost could not involve abandoning design or quality.

(a) should not entail sacrificing
(b) did not provoke compromising
(c) have not done regretting
(d) cannot force forgetting

Answer: (a)

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

Colloquial

(a) Lexical
(b) Conversational
(c) Prosodic
(d) Linguistic

Answer: (b)

12. Select the INCORRECTLY spelt word.

(a) Maladjusted
(b) Stakeholder
(c) Permenent
(d) Longitude

Answer: (c)

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

Rancid

(a) Rotten
(b) Urgent
(c) Fresh
(d) Rough

Answer: (c)

14. Select the most appropriate meaning of th[illegible] idiom.

At your beck and call

(a) To have absolute control over someone
(b) To call someone respectfully
(c) To have no control over someone
(d) To call someone and then deny

Answer: (a)

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 companies in the present era (1) _____ priority, during recruitment, to the candidates who have Emotional Intelligence. EI is the ability to understand, analyse and control emotions. Possessing very high EI creates a (2) _____ impact on a person's life. People who have EI always maintain emotional stability even in difficult situations. They can be nice even in socially awkward situations. As they are very good at controlling emotions, they make others feel (3) _____. It is proven that it will make leaders more effective as they understand the feelings of teammates. It allows one (4) _____ impactfully with others. Stress and conflict can be handled so easily. As it allows great empathy towards others, they can be very good at interpersonal relationship. These people strengthen the relationship (5) _____ the people with their interaction and coordination both in personal and professional life. Companies are well aware of the benefits with the employees who have EI.

16. Select the most appropriate option to fill in blank number 1.
    (a) has been giving
    (b) have been given
    (c) are giving
    (d) is giving
    Answer: (c)

17. Select the most appropriate option to fill in blank number 2.
    (a) creative
    (b) positive
    (c) colonial
    (d) memorable
    Answer: (b)

18. Select the most appropriate option to fill in blank number 3.
    (a) comfortable
    (b) tolerable
    (c) favourable
    (d) manageable
    Answer: (a)

19. Select the most appropriate option to fill in blank number 4.
    (a) communicate
    (b) to communicating
    (c) to be communicated
    (d) to communicate
    Answer: (d)

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

(a) in reference with

(b) between

(c) along with

(d) among

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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