PREVIOUS YEAR PAPER

SSC GD Constable — 12 January 2023, Shift 3

SSC GD Constable · 12 January 2023 · 2:30 PM - 3:30 PM

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 12 January 2023, 2:30 PM - 3:30 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-3/

General Intelligence and Reasoning

1. Seven people D, E,F,G,H,I and J are sitting in a straight row, facing north. Only three people sit between D and H. E sits fourth to the left of J. Only D is between E and I. J sits third to the right of F. Who sits at the second position from the right end of the row?

(a) E

(b) D

(c) H

(d) I

Answer: (c)

2. Which of the following numbers will replace the qu on mark (?) in the given series? 6, 10, 19, 35, ? , 96

(a) 70

(b) 68

(c) 60

(d) 74

Answer: (c)

3. Three statements are given followed by three conclusions numbered 1, 2 and 3. 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: Some shoes are slippers. Some slippers are socks. All socks are sandals. Conclusions:
1. Some sandals are shoes.
2. Some sandals are slippers.
3. Some socks are shoes.

(a) Only conclusion 2 follows

(b) Only conclusions 1 and 2 follow

(c) Only conclusions 2 and 3 follow

(d) Only conclusion 3 follows

Answer: (a)

4. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number. 18 : 4 :: 36 : 16 :: 27 : ?

(a) 8

(b) 9

(c) 7

(d) 10

Answer: (b)

5. Six friends (Aman, Biplab, Chirantan, Divya, Elizabeth and Firoz) are sitting around a circular table facing the centre. Aman sits third to the left of Biplab. Chirantan is an immediate neighbour of Aman. Elizabeth sits second to the right of Divya. Chirantan is not an immediate neighbour of Divya. Who sits between Aman and Elizabeth?

(a) Firoz

(b) Divya

(c) Chirantan

(d) Biplab

Answer: (c)

6. In a certain code language, 'fruit hat string' is coded as 'worm bee wheel', 'hat fruit' is coded as 'bee worm', and 'string hat' is coded as 'wheel bee'. What is the code word for 'fruit'?

(a) bee

(b) worm

(c) wheel

(d) hat

Answer: (b)

8. 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.) Virology : Viruses :: Cardiology : ?

(a) Skull

(b) Head

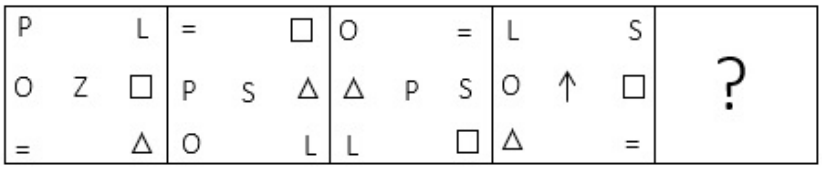
(c) Lungs

(d) Heart

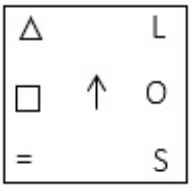
Answer: (d)

9.

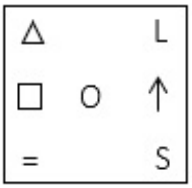
Which figure should replace the question mark (?) if the series were to be continued?



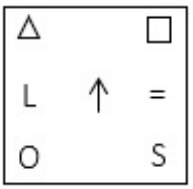
(a)



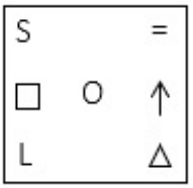
(b)



(c)



(d)



Answer: (b)

10. Which two signs should be interchanged to make the below equation mathematically correct?
120 + 18 × 40 – 10 ÷ 20 = 172

(a) – and +

(b) + and ×

(c) + and ÷

(d) ÷ and –

Answer: (d)

11. Which of the following letter-clusters will replace the question mark (?) in the given series? GMPJ, HLOK, IKNL, JJMM, ?

(a) KKMN

(b) LKLN

(c) LKLO

(d) KILN

Answer: (d)

12. In a certain code language, 'PARENT' is written as '148' and 'WRANGLE' is written as '160'.How will 'GRANTED' be written in that language?

(a) 134

(b) 67

(c) 138

(d) 69

Answer: (c)

13. Which of the following numbers will replace the question mark (?) in the given series? 20, 24, 33, ?, 107, 228, 397

(a) 82

(b) 86

(c) 29

(d) 58

Answer: (d)

14. Which letter-cluster will replace the question mark (?) to complete the given series? BDGF, ACFE, ? , YADC, XZCB

(a) ZBED

(b) YBED

(c) ZAFE

(d) YAFD

Answer: (a)

16. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 culture 2 cult 3 cultivate 4 cupid 5 cumin

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

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

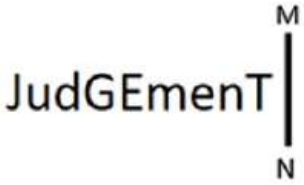
(c) 2,3,1,4,5

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

Answer: (a)

17.

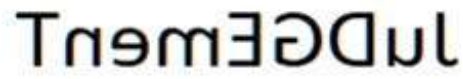
Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



(a)



(b)



(c)



(d)



Answer: (a)

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. IFHO : LCEK :: HIJK : KFGG :: QLGK : ?

(a) ITHD

(b) TIDG

(c) ITDH

(d) TIHD

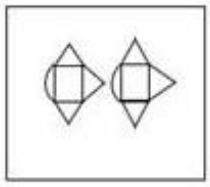
Answer: (b)

19.

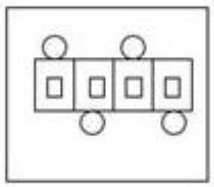
Select the option figure in which the question figure is embedded (Rotation is NOT allowed).



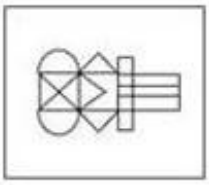
(a)



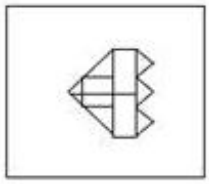
(b)



(c)



(d)



Answer: (c)

20. A is married to Z. Z has 3 children L, M and N. Z is not the father of the children. P is the mother of A. L is the husband of D. M has 2 daughters H and J. How is Z related to P?

(a) Daughter

(b) Daughter in law

(c) Son

(d) Mother

Answer: (b)

General Knowledge and General Awareness

2. Identify the country called ‘the country of winds’.

(a) Denmark
(b) Czech Republic
(c) Germany
(d) Poland

Answer: (a)

3. In which year did Congress and Muslim League signed the Lucknow pact?

(a) 1914
(b) 1916
(c) 1910
(d) 1912

Answer: (b)

4. _____ can be visualized as a functional unit of nature, where living organisms interact among themselves and also with the surrounding physical environment.

(a) A family
(b) A universe
(c) An ecosystem
(d) A herd

Answer: (c)

5. What is the Full Form of BCCI?

(a) Board of Cricket Control
(b) Board of Control of Cycling in India
(c) Board of Control for Cricket in India
(d) Basic Cricket Control Board

Answer: (c)

6. India's first five-year plan was launched in _____.

(a) 1901
(b) 1961
(c) 1971
(d) 1951

Answer: (d)

7. Apart from the Cash Reserve Ratio, banks are also required to keep some reserves in liquid form in the short term, referred as _____

(a) Statutory Liquidity Repo
(b) State Liquidity Ratio
(c) Statutory Liquidity Ratio
(d) Statutory License Ratio

Answer: (c)

8. In which year was the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) passed?

(a) 1993
(b) 2005
(c) 1995
(d) 2000

Answer: (b)

9. President of India appointed senior advocate _____ as the next Attorney-General for India in September 2022.

(a) Ram Jethmalani
(b) R Venkataramani
(c) Pravin Anand
(d) Jasbina Ahluwalia

Answer: (b)

10. Who was the prime minister of India when the fundatmental duties were included in the Indian constitution?

(a) Indira Gandhi
(b) Rajiv Gandhi
(c) Manmohan Singh
(d) Jawaharlal Nehru

Answer: (a)

11. Green Revolution mainly revolves aroun __ __.

(a) Rain harvesting
(b) Natural Vegetation
(c) High Yield Variety Programme
(d) Use of Natural Fertilizers

Answer: (c)

12. Who was the coach of the U-19 Indian cricket team at the ICC U19 World Cup 2022?

(a) Ajit Agarkar
(b) Mohammed Kaif
(c) Anil Kumble
(d) Hrishikesh Kanitkar

Answer: (d)

13. Thiruvathira festival is mainly celebrated in which of these states?

(a) Odisha
(b) Assam
(c) Punjab
(d) Kerala

Answer: (d)

14. What is used for manufacturing synthetic fibers, synthetic rubber, plastics, dye-stuffs, drugs and pharmaceuticals?

(a) sugar cane
(b) petrochemicals
(c) natural gas
(d) coal

Answer: (b)

15. Which of the following is NOT a sedimentary rock?

(a) Granite
(b) Sand stone
(c) Loess
(d) Shale

Answer: (a)

16. Who has been appointed as the Revenue Secretary by the Indian government in October 2022?

(a) S.S Nakul
(b) Sanjay Malhotra
(c) Tarun Bajaj
(d) Ajay Bhushan Pandey

Answer: (b)

17. Who presented the Criminal Procedure (Identifica ı) Bill, 2022 on March 28 in Lok Sabha?

(a) Meenakshi Lekhi
(b) Ajay Kumar Mishra
(c) Krishan Pal
(d) Rao Inderjit Singh

Answer: (b)

18. According to Megasthenes, the guards of Chandragupta rode _____ decorated with gold and silver during royal processions.

(a) elephants
(b) unicorns
(c) bulls
(d) horses

Answer: (a)

19. Kalbelia is a famous folk dance of which Indian state?

(a) Odisha
(b) Bihar
(c) West Bengal
(d) Rajasthan

Answer: (d)

20. Which of the following festivals celebrates the harvest season in August – September?

(a) Onam

(b) Makar Sankranti

(c) Lohri

(d) Baisakhi

Answer: (a)

Elementary Mathematics

1. The ratio of the third proportion of 5 and 12 with the fourth proportion of 5, 8 and 9 is:

(a)

$2 : 1$

(b)

$2 : 3$

(c)

$1 : 2$

(d)

$3 : 2$

Answer: (a)

2.

Anil started his journey in the morning. Till 10 a.m., he covered [illegible] and on the same day till 1 a.m., he covered $\frac{4}{5}$ of his journey. At what time did he start his journey?

(a) 2.00 a.m.

(b) 4.00 a.m.

(c) 5.00 a.m.

(d) 3.30 a.m.

Answer: (c)

3. A cone of height 8 cm and base radius 4 cm is carved from a rectangular block of wood 8 cm × 6 cm × 4 cm. The percentage of wood wasted is approximately:

(a) 56%

(b) 30%

(c) 58%

(d) 48%

Answer: (b)

4. The Difference between compound interest, compounding annually and simple interest on an amount of ₹ 500 for 2 years is ₹ 1.25. What is the rate of interest per annum?

(a)

2%

(b)

4%

(c)

3%

(d)

5%

Answer: (d)

5. An article is listed at ₹1,200. A customer pays ₹972 for it after getting two successive discounts. If the rate of the first discount is 10%, then the rate of the second discount is:

(a)

14%

(b)

10%

(c)

16%

(d)

12%

Answer: (b)

6. The fourth proportional to 3, 12, 14 is:

(a) 35

(b) 28

(c) 56

(d) 49

Answer: (c)

7. An iron ball of radius 21 cm is melted and recast into spherical balls of radius 7 cm. Find the number of spherical balls.

(a) 9

(b) 21

(c) 18

(d) 27

Answer: (d)

8. Find the sum of the digits of the smallest 6-digit number divisible by 18, 24 and 25.

(a) 12
(b) 10
(c) 15
(d) 9

Answer: (d)

9.

The value of $1 \div 2 + 3 - 5 \times \frac{1}{3}$ of $15 - \{75 \div (28 - 3)\}$ is:

(a)
-25
(b)
$\frac{-49}{2}$
(c)
$\frac{49}{2}$
(d)
25

Answer: (b)

10. A vegetable vendor does his sales using a weigh nich is 12% less than the actual weight and earns a profit of 32% on the cost price. Find the to profit percentage?

(a) 44%
(b) 40%
(c) 50%
(d) 45%

Answer: (c)

11. A and B can complete a work in 18 days and 36 days respectively. They work together for 8 days and then A leaves. How many days will B take to complete the rest of the work?

(a) 15
(b) 12
(c) 18
(d) 10

Answer: (b)

12. What is the average of the first 10 multiples of 3?

(a) 16.5
(b) 14.5
(c) 15.5
(d) 11.5

Answer: (a)

13. If the price of potatoes increases by 10 percent, then by how much percent a user has to cut down on his consumption of potatoes, so that the expenditure on potatoes remains unchanged?

(a) 16.4 percent

(b) 15.8 percent

(c) 12.5 percent

(d) 9.1 percent

Answer: (d)

14. The current value of a car is ₹ 8,50,000 and its value is depreciating at the rate of 10% per annum. What will be its value (in ₹) after 4 years?

(a) 5,47,685

(b) 5,57,685

(c) 5,67,685

(d) 5,57,865

Answer: (b)

15. What is the faulty weight used by a dishonest shopkeeper instead of the original weight of 1 kg to get a profit of 25%?

(a) 250 grams

(b) 800 grams

(c) 640 grams

(d) 980 grams

Answer: (b)

16. A, B, and C can complete a work in 30, [illegible] and [illegible] days respectively. A left the work 10 days before the work was completed and B left 5 [illegible] before the completion of the work. Find the number of days required to complete the whole work.

(a) 170/7 days

(b) 144/7 days

(c) 89/7 days

(d) 190/7 days

Answer: (a)

17. Mr. Sharma spends 15% of his total income on rent and 75% of the remaining part on other expenses and still saves Rs.1,700 monthly. What is his monthly income?

(a) Rs.8,000

(b) Rs.7,000

(c) Rs.7,500

(d) Rs.8,500

Answer: (a)

18.

Aravind runs $\frac{5}{4}$ times as fast as Bhanu. In a race, if Aravind gives a lead of 60m to Bhanu, find the distance from the starting point where both of them will meet.

(a) 320 m

(b) 340 m

(c) 360 m

(d) 300 m

Answer: (d)

19. The marked price of a double bed is ₹42,000. The customer gets a cash discount of ₹1,000 and gets a scratch card promising a discount of 5% to 10%. Determine the difference between the least and the maximum selling price of the bed.

(a)

₹1,880

(b)

₹2,050

(c)

₹1,910

(d)

₹1,940

Answer: (b)

20. Arjun rides his bike 10 km at an average speed of 30 km/h, and again travels 14 km at an average speed of 25 km/h. What is his average speed (approx.) for the entire trip?

(a) 27.68 km/h

(b) 26.87 km/h

(c) 29.81 km/h

(d) 28.76 km/h

Answer: (b)

English

1. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully.

When the last Tsar of Russia (were arrested by revolutionaries), he and his family were hiding at a palace near St. Petersburg; now that palace is open to tourists.

(a) is arresting from revolutionaries

(b) was arrested by revolutionaries

(c) were arrest by revolutionaries

(d) is arrested by revolutionaries

Answer: (b)

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

Sushant is a very _____ person and the _____ of first ten natural numbers is 5.5.

(a) clever
(b) mean
(c) honest
(d) shrewd

Answer: (b)

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

Consistent

(a) Evolve
(b) Change
(c) Constant
(d) Alter

Answer: (c)

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

The tree has a brown _____ and the dogs _____ at the stranger.

(a) tail
(b) sound
(c) trunk
(d) bark

Answer: (d)

5. Select the most appropriate synonym of the word given below to fill in the blank in the following sentence.

Pamper My grandmother said, “Don’t _____ the kid. He will get spoiled”.

(a) bend
(b) comfortable
(c) attend
(d) coddle

Answer: (d)

6. Select the most appropriate option to substitute the underlined segment in the given sentence.
This is an olden building of historical importance.

(a) ancient
(b) elder
(c) older
(d) very older

Answer: (a)

7. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The peon / was brought / a cup of / coffee for Naina.

(a) coffee for Naina
(b) a cup of
(c) was brought
(d) The peon

Answer: (c)

8. Select the most appropriate synonym of the given word. Earn

(a) Receive
(b) Lose
(c) Accord
(d) Surrender

Answer: (a)

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

Fit as a fiddle

(a) In good health
(b) Limited in scope
(c) Emergency situation
(d) To be of perfect size

Answer: (a)

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

Some diseases are due to neurologikal disorders.

(a) Newrologecal
(b) Neurological
(c) Neurologecal
(d) Newrological

Answer: (b)

11. Select the most appropriate option to fill in the blank. The private _____ has contributed immensely to the country's economy.

(a) division
(b) segment
(c) section
(d) sector

Answer: (d)

13. Fill in the blank by selecting the meaningful and correctly spelt word from the given options.

Nowadays, the police get a long _____ of drug peddlers every day.

(a) list
(b) lest
(c) leest
(d) least

Answer: (a)

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

(a) Despair
(b) Promise
(c) Craving
(d) Fantasy

Answer: (a)

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

Generous

(a) Liberal
(b) Free
(c) Selfish
(d) Selfless

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.
>
> An initiative has been (1) _____ in the educational reform sector in form of Social and Emotional Learning (SEL). This novel (2) _____ helps students to understand and manage their own emotions. The students (3) _____ and learn in a constructive manner. This concept (4) _____ momentum with the publication of the best seller by Daniel Goleman titled 'Emotional Intelligence: Why it can matter more than IQ'. It (5) _____ the enhancement of the given competencies: speaking and listening, cooperative skills and problem solving.

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

(a) discovered
(b) started
(c) reckoned
(d) established

Answer: (b)

17. Select the most appropriate option to fill in blank no. 2.
    (a) intention
    (b) application
    (c) concept
    (d) experiment
    Answer: (c)

18. Select the most appropriate option to fill in blank no. 3.
    (a) act
    (b) affect
    (c) mingle
    (d) interact
    Answer: (d)

19. Select the most appropriate option to fill in blank no. 4.
    (a) gratified
    (b) gained
    (c) relieved
    (d) profited
    Answer: (b)

20. Select the most appropriate option to fill in blank no. 5.
    (a) incorporates
    (b) influences
    (c) compares
    (d) merges
    Answer: (a)

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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