PREVIOUS YEAR PAPER

SSC GD Constable — 13 January 2023, Shift 4

SSC GD Constable · 13 January 2023 · 5:15 PM - 6:15 PM

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

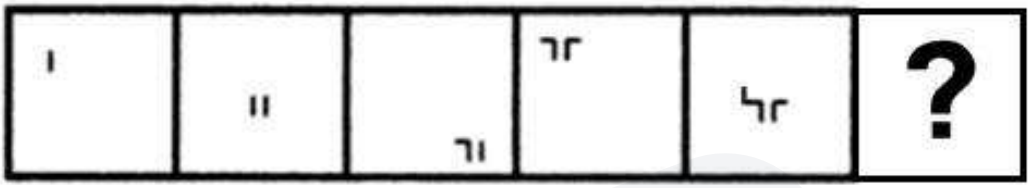
Left out of the original paper: 1 (any question that needs a figure or formatting we cannot show, has no answer in the response sheet, or could not be checked against a second copy of the paper).

Questions from the Staff Selection Commission's paper of 13 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-2023-13-jan-shift-4/

General Intelligence and Reasoning

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



(a)



(b)



(c)



(d)



Answer: (c)

2. In a certain code language, ‘MANTLE’ is written as ‘JZKGIV’ and ‘TINKER’ is written as ‘QRKPBI’. How will ‘DERIVE’ be written in that language?

(a) AVORSV

(b) AUORST

(c) KBORSN

(d) KCQTUM

Answer: (a)

3. Six students are sitting around a circular table facing the centre. Shirley is sitting second to the right of Leena. Diana is sitting fifth to the right of Shirley. Violet is sitting third to the right of Diana. Abdul is sitting second to the left of Diana. Vikram is sitting third to the left of Leena. Who is sitting between Vikram and Diana?

(a) Violet

(b) Shirley

(c) Abdul

(d) Leena

Answer: (b)

4. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 naughty 2 natural 3 national 4 nagging 5 napping

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

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

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

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

Answer: (d)

5. Which letter-cluster will replace the question mark (?) to complete the given series? DKLX, EMOU, FORR, ?, HSXL

(a) GQTP

(b) GQUP

(c) GQUO

(d) GQTO

Answer: (c)

6. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. YCLE, DWQJ, IQVO, ?, SEFY

(a) HLAW

(b) NHKR

(c) HDLA

(d) NKAT

Answer: (d)

7. 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) Painter : Brush :: Gardener : ?

(a) Spinners

(b) Rake

(c) Tractor

(d) Wrench

Answer: (b)

8. 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 fourth term is related to the third term. SECURITY : 19ECURIT25 :: ENHANCED : 5NHANCE4 :: USAGE : ?

(a) 2343AG

(b) 5USAG3

(c) 21SAG5

(d) 1USAGE3

Answer: (c)

9. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. 30 * 2 * 20 * 13 * 67

(a) × , – , + , =

(b) × , + , – , =

(c) × , ÷ , + , =

(d) ÷ , + , – , =

Answer: (b)

10. In a code language, 'dark colors' is coded as 'yu nu', 'days are bright' is coded as 'wu tu ku', 'nights are dark' is coded as 'ku nu pu', 'paint bright' is coded as 'wu ru'. What is the code for the word 'paint'?

(a) ku

(b) tu

(c) wu

(d) ru

Answer: (d)

11. Which two signs should be interchanged to make the below equation mathematically correct? 54 × 6 – 36 ÷ 12 + 27 = 24

(a) + and ÷

(b) ÷ and –

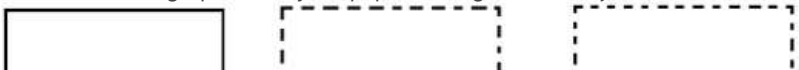
(c) + and ×

(d) – and +

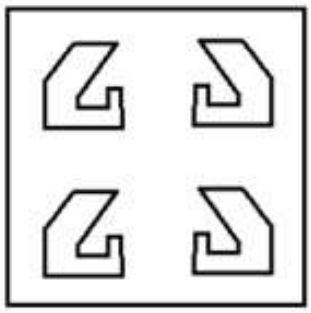
Answer: (b)

12.

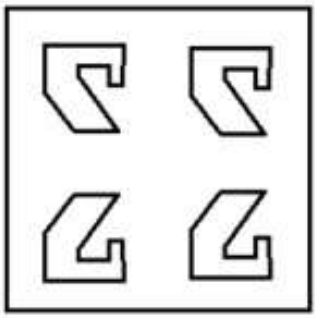
The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Select the figure which would most closely resemble the unfolded form of the paper.



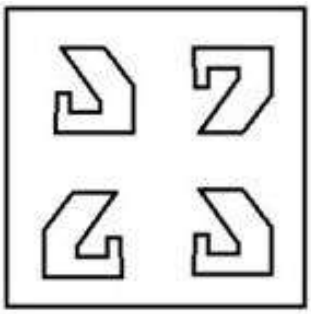
(a)



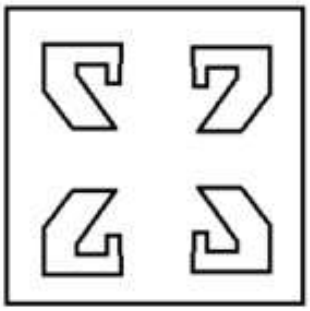
(b)



(c)



(d)



Answer: (d)

13. Seven people, A, B, C, D, E, F and G are sitting in a straight row, facing north. A sits second from the left. Only two people sit between A and C. Only 3 people sit between D and F and D is an immediate neighbour of A. B is an immediate neighbour of D and E is not an immediate neighbour of C. Who sits to the immediate right of C?

(a) G

(b) F

(c) D

(d) B

Answer: (a)

14. Which of the following numbers will replace the question mark (?) in the given series? 589, 588, 583, ?, 433, -192

(a) 558

(b) 560

(c) 565

(d) 544

Answer: (a)

15. In a certain code language, 'A + B' means 'A is the sister of B', 'A – B' means 'A is the father of B', 'A x B' means 'A is the brother of B' and 'A & B' means 'A is the son of B'. How is T related to G if T + Q – R x H & G?

(a) Daughter

(b) Sister

(c) Mother's sister

(d) Husband's sister

Answer: (d)

16. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number. 7 : 1000 :: 4 : ? :: 12 : 3375

(a) 194

(b) 282

(c) 343

(d) 144

Answer: (c)

17. Which of the following numbers will replace the question mark (?) in the given series? 0, 6, 24, 60, 120, ?

(a) 210

(b) 190

(c) 220

(d) 240

Answer: (a)

18.

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



(a)



(b)



(c)



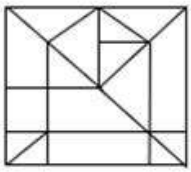
(d)



Answer: (c)

19.

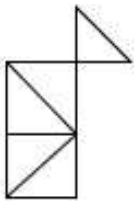
Select the option figure that is embedded in the given figure (rotation is NOT allowed).



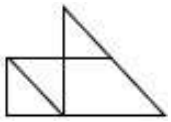
(a)



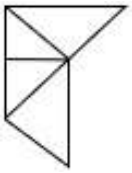
(b)



(c)



(d)



Answer: (d)

20. 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 beds are tables. All cots are tables. All tables are taps. Conclusions:
I. All cots are taps.
II. Some taps are beds.
III. Some taps are cots.

(a) Only conclusions I and II follow

(b) Only conclusions I and III follow

(c) All conclusions follow

(d) Only conclusions II and III follow

Answer: (c)

General Knowledge and General Awareness

1. The tribal group called 'Santhals' rose in revolt in _____.

(a) 1876
(b) 1855
(c) 1896
(d) 1860

Answer: (b)

2. Which of the following industries is reserved for the manufacture of items exclusively in the public sector?

(a) Fertilizers
(b) Atomic Energy
(c) Cotton and textile
(d) Medical

Answer: (b)

3. India has inland navigation waterways of _____ km in length.

(a) 11,000
(b) 13,600
(c) 14,500
(d) 12,500

Answer: (c)

4. Which Constitutional Amendment introduced the c pulsory education to children between the age group of 6 to 14?

(a) 82nd
(b) 85th
(c) 83rd
(d) 86th

Answer: (d)

5. The constellation 'Ursa Major' is also known as _____.

(a) The Chained Maiden
(b) The Hunter
(c) The Queen
(d) The Great Bear

Answer: (d)

6. The _____ mandates the requirement of POSH policy, in order to prevent sexual harassment against women in the workplace and also to protect them .

(a) “The Sexual Harassment of Women at Workplace Act,2019"

(b) “The Sexual Harassment of Women Act,2015"

(c) “The Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act, 2013”.

(d) “The Sexual Harassment of Women at Workplace (Protection, Prohibition, and Redressal) Act, 2014”

Answer: (c)

7. As on April 2021, how many states have a Legislative Council?

(a) 5

(b) 6

(c) 7

(d) 4

Answer: (b)

8. Who sworn in as the Central Vigilance Commissioner (CVC) in August 2022?

(a) Pradeep Kumar

(b) Sharad Kumar

(c) Suresh Patel

(d) Sanjay Kothari

Answer: (c)

9. In India, Microfinance activities gained p[illegible]iner[illegible] in the early _____.

(a) 1980s

(b) 1990s

(c) 1950s

(d) 1970s

Answer: (b)

10. Name the suicidal bags of the cell.

(a) Centriole

(b) Lysosomes

(c) Peroxisomes

(d) Glyoxysomes

Answer: (b)

11. The First Formula 1 Race in India was held in _____.

(a) 2015

(b) 2011

(c) 2012

(d) 2013

Answer: (b)

12. Uttar Pradesh shares its international boundary with which country?

(a) Pakistan
(b) Bhutan
(c) China
(d) Nepal

Answer: (d)

13. _____is considered as the backbone of development in general.

(a) Education industry
(b) Dairy industry
(c) Banking
(d) Manufacturing industry

Answer: (d)

14. During the Chaliha Sahib festival, Sindhis observe a _____-day fast to show their devotion to Lord Jhulelal.

(a) 20
(b) 10
(c) 40
(d) 30

Answer: (c)

15. Which team has won the highest number of Ranji ophy titles?

(a) Uttar Pradesh
(b) Mumbai
(c) Tamil Nadu
(d) Karnataka

Answer: (b)

16. Who among the following Congress leaders of India retired from Rajya Sabha in March 2022?

(a) Rahul Gandhi
(b) Supriya Sule
(c) Kumaraswami Kamaraj
(d) Palaniappan Chidambaram

Answer: (d)

17. The Muttaraiyar held power in the Kaveri delta. They were subordinate to the Pallava kings of _____.

(a) Makotai
(b) Kanchipuram
(c) Thanjavur
(d) Arikamedu

Answer: (b)

18. Identify the acid that convert zinc into zinc sulphate.
(a) Hydrochloric acid
(b) Nitric acid
(c) Sulphuric acid
(d) Acetic acid
Answer: (c)

19. Gunakanta Dutta Borbyan was awarded the Sangeet Natak Akademi Award in which dance form?
(a) Kathak
(b) Chhau
(c) Kathakali
(d) Sattriya
Answer: (d)

20. Which of the following dances is performed in Goa?
(a) Jhoomar
(b) Cheraw
(c) Karma Naach
(d) Fugdi
Answer: (d)

Elementary Mathematics

1. A shopkeeper listed the marked price of a table a[illegible]s.2500. If he sold it at 20% discount and 10% additional discount, then what is the selling [illegible]e of the table?
(a) Rs.2,000
(b) Rs.1,900
(c) Rs.1,800
(d) Rs.2,100
Answer: (c)

2. The average cost of an apple, an orange and a mango is Rs.36. The average cost of an apple and an orange is Rs.28 and that of an orange and a mango is Rs.32. The cost of an orange (in Rs.) is:
(a) 24
(b) 18
(c) 16
(d) 12
Answer: (d)

3. Find the mean proportional between 4 and 900.
(a) 60
(b) 90
(c) 30
(d) 120
Answer: (a)

4. Find the third proportional to 8 and 12

(a) 9

(b) 14

(c) 18

(d) 16

Answer: (c)

5. The average weight of a truck and four cars is 48 kg, which is reduced by 1 kg if the weight of the truck is excluded. What is the weight of the truck?

(a) 50 kg

(b) 52 kg

(c) 51 kg

(d) 53 kg

Answer: (b)

6. Yash can do a piece of work in 49 days and Naman can do the same work in 35 days. Saurav can do the same work in 7 days. Find the total days required to complete the same work if they work on alternate days such that Yash works on the first day, Naman works on the second day, Saurav work on the third day and then again Yash works on the fourth day and so on.

(a) 118/7 days

(b) 116/7 days

(c) 117/7 days

(d) 114/7 days

Answer: (c)

7. The marked price of a jacket is ₹3,500. A shopkeeper offers 5% discount on it and then again offers 15% discount on the new price, and then again offers 20% discount on the new price. How much one has to pay for it?

(a)

₹2,260

(b)

₹2,261

(c)

₹2,265

(d)

₹2,263

Answer: (b)

8. Arun and Aditya can complete a work separately in 8 days and 12 days, respectively. After 2 days of working alone, Aditya leaves the work, In how many days Arun will complete the remaining work?

(a)

6 days

(b)

$7\frac{1}{3}$ days

(c)

7 days

(d)

$6\frac{2}{3}$ days

Answer: (d)

9. Rs.11,500 is borrowed at compound interest at the rate of 5% per annum, compounding annually. What will be the amount to be paid after 2 years?

(a) Rs.12,678.75

(b) Rs.12,677.85

(c) Rs.12,687.75

(d) Rs.12,678

Answer: (a)

10. If the increase in the percentage of the consumption of a commodity is 25% so that overall budget does not change, then the price of the commodity falls by:

(a)

35%

(b)

25%

(c)

20%

(d)

30%

Answer: (c)

11. If the curved surface area of a sphere with radius R_1 unit is the same as the total surface area of another hemisphere with radius R_2, then the R_2 is:

(a)

$\frac{2}{\sqrt{3}} R_1$

(b)

$2R_1$

(c)

same as R_1

(d)

$\sqrt{3} R_1$

Answer: (a)

12. A shopkeeper sells his old stock at 25 percent loss on cost price, but uses 30 percent less weight. What is his percentage profit or loss (consider up to two decimals)?

(a) Profit of 9.14 percent

(b) Loss of 7.14 percent

(c) Profit of 7.14 percent

(d) Loss of 9.14 percent

Answer: (c)

13. If A's income is 40 percent more than B's incom[illegible]en what percentage does B earn less than A?

(a)

$21\frac{3}{7}$ percent

(b)

$25\frac{3}{7}$ percent

(c)

$18\frac{4}{7}$ percent

(d)

$28\frac{4}{7}$ percent

Answer: (d)

14. A truck's value is reduced by 17 percent and is now worth Rs.33,32,948. What was its original price?

(a) Rs.39,85,472
(b) Rs.38,52,612
(c) Rs.40,15,600
(d) Rs.36,47,814

Answer: (c)

15. What is the number which, when increased by 20, is completely divisible by 18, 56 and 42?

(a) 504
(b) 484
(c) 514
(d) 524

Answer: (b)

16. The greatest number which can divide 286, 1001 and 2420 is X. What is the value of X/2?

(a) 6
(b) 4.5
(c) 5
(d) 5.5

Answer: (d)

17. How many cubes of side 4 cm can be formed by ' ting a solid metallic cuboid of length 12 cm, breadth 8 cm and height 8 cm?

(a) 11
(b) 13
(c) 14
(d) 12

Answer: (d)

19. What is the value of 35m/s in term of km/h?

(a) 144 km/h
(b) 96 km/h
(c) 126 km/h
(d) 106 km/h

Answer: (c)

20. The population of a town was 2,50,000 three years ago. If it has increased by 3%, 4% and 6% in the last 3 years, find the present population of the town.

(a) 4,83,868
(b) 2,83,868
(c) 3,83,868
(d) 1,83,868

Answer: (b)

English

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

Everything Priyanka did in her academic _____ ended in vain.

(a) adamants
(b) attends
(c) attempts
(d) attestations

Answer: (c)

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

Lose your marbles

(a) To lose the wealth
(b) To waste the resources
(c) To become insane
(d) To be hopeful

Answer: (c)

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

(a) Genesis
(b) Advantage
(c) Rapture
(d) Injury

Answer: (b)

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

Dominate

(a) Surrender
(b) Rules
(c) Orders
(d) Command

Answer: (a)

5. Select the most appropriate ANTONYM of the underlined word to fill in the blank.

Children were <u>amused</u> by the puppet show, but they were _____ with the Chairman's speech.

(a) bored
(b) gratified
(c) charmed
(d) encouraged

Answer: (a)

6. 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'.

The students ran quick to get on the train.

(a) No substitution
(b) The students ran quickly
(c) The student run quickly
(d) The students runs quickly

Answer: (b)

7. Select the most appropriate synonym to substitute the underlined word in the given sentence.

Sivasubramanian Iyer was not perturbed, nor did he get angry with his wife, but instead, served me with his own hands and sat down beside me to eat his meal.

(a) appreciated
(b) composed
(c) apprehended
(d) disturbed

Answer: (d)

8. 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'.

The weathermen felt that it was more hotter today.

(a) No substitution
(b) hotting
(c) most hotter
(d) hotter

Answer: (d)

9. Select the most appropriate synonym to substitute the underlined word in the given sentence.

This bodyguard was like a firewall for the leader.

(a) forerunner
(b) perfectionist
(c) vanguard
(d) bulwark

Answer: (d)

10. Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The software detected an anomaly cause by the virus.

(a) cause by the virus
(b) an anomaly
(c) The software detected
(d) No error

Answer: (a)

11. Select the INCORRECTLY spelt word.

(a) Contradict
(b) Arrogant
(c) Auspicius
(d) Geometry

Answer: (c)

12. Parts of the given sentence have been given as options. One of them contains a spelling error. Select the option that rectifies the error.

Macaroni penguins have a distenctive yellow feather crest on their forehead.

(a) forhead
(b) distinctive
(c) penguens
(d) chrest

Answer: (b)

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

Bite off more than you can chew

(a) Overcome gluttony
(b) Too courageous
(c) Destructive power
(d) Take on a task that you cannot finish

Answer: (d)

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

As a student of medicine, you have to learn the terminologies by heart.

(a) general agreements
(b) virtuous professions
(c) special expressions
(d) significant conditions

Answer: (c)

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

Exhaust

(a) Burn
(b) Empty
(c) Collect
(d) Restore

Answer: (d)

Passage — for questions 16–20

> In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
>
> The Sentinelese, the world's most remote tribe have (1)_____ the interest of millions of people. They (2)_____ on North Sentinel, a little island covered with forests that is about the size of Manhattan. They continue to reject any interaction with outsiders and assault anyone who (3)_____. The Sentinelese hunt, collect, and fish in the forest (4)_____ the coast. They build boats, unlike the nearby Jarawa tribe, who only makes (5)_____ thin outrigger canoes that are 'too narrow to fit two feet in'. Since they are guided and propelled using a pole similar to a punt, these can only be used in shallow waters.

16. Select the most appropriate answer for blank 1.

(a) sparked
(b) provoked
(c) enrolled
(d) affected

Answer: (a)

17. Select the most appropriate answer for bl

(a) reside
(b) belong
(c) carry
(d) visit

Answer: (a)

18. Select the most appropriate answer for blank 3.

(a) approaches
(b) commences
(c) addresses
(d) corresponds

Answer: (a)

19. Select the most appropriate answer for blank 4.

(a) over
(b) beside
(c) across
(d) along

Answer: (d)

20. Select the most appropriate answer for blank 5.

(a) exclusively

(b) extremely

(c) abundantly

(d) knowingly

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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