PREVIOUS YEAR PAPER

SSC GD Constable — 12 January 2023, Shift 1

SSC GD Constable · 12 January 2023 · 9:00 AM - 10:00 AM

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, 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-2023-12-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: (b)

3. Eight friends P, Q, R, S, T, U, V and W are sitting in two rows facing each other. Each row has four persons. Q and R are sitting in front of each other. R is the immediate neighbour of S and T. W is sitting to the immediate left of T. W and U are diagonally opposite. V and Q are not next to each other. Who is in front of T?

(a) Q

(b) R

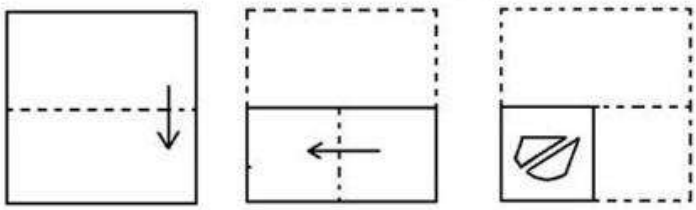
(c) P

(d) S

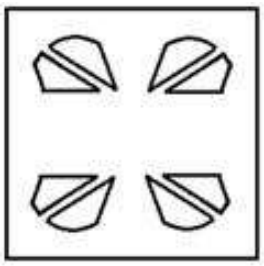
Answer: (c)

4.

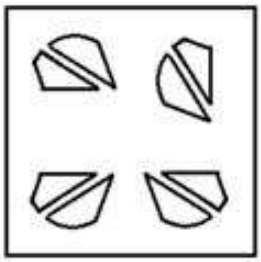
The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Select the figure which would most closely resemble the unfolded form of the paper.



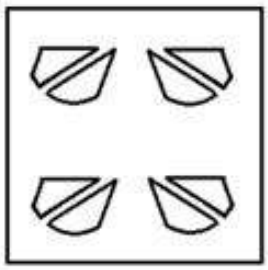
(a)



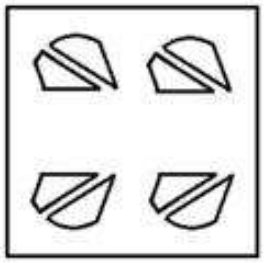
(b)



(c)



(d)



Answer: (a)

5. 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. KSW : NUX :: AGP : DIQ :: EOV : ?

(a) BQU
(b) HQW
(c) BQW
(d) HOW

Answer: (b)

6. In a certain code language, 'FAVOUR' is written as 'RUOVAF' and 'REVEAL' is written as 'LAEVER'. How will 'MIRACLE' be written in that language?

(a) ECLRAIM
(b) ELCARIM
(c) ECLARMI
(d) EMLCRIA

Answer: (b)

7. Which letter-cluster will replace the question mark (?) to complete the given series?

SEJW, QGMT, OIPQ, ? , KMVK

(a) MKTN
(b) MKTM
(c) MKMT
(d) MKSN

Answer: (d)

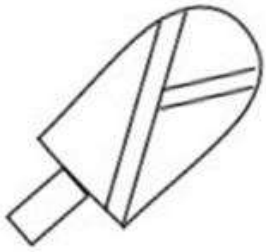
8. In a certain code language, 'HUSBAND' is written as 'DNABSUH' and 'CLEARLY' is written as 'YLRAELC'. How will 'HARBOUR' be written in that language?

(a) RUOBRHA
(b) ORUBRAH
(c) ORUBHRA
(d) RUOBRAH

Answer: (d)

9.

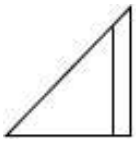
Select the option figure which is embedded in the given figure. (Rotation is NOT allowed)



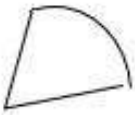
(a)



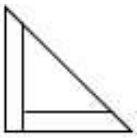
(b)



(c)



(d)



Answer: (c)

10. Which two signs should be interchanged to make the below equation mathematically correct? 24 + 36 - 81 × 9 ÷ 2 = 42

(a) ÷ and -

(b) × and +

(c) ÷ and ×

(d) + and -

Answer: (c)

11. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 Jacket 2 Japanese 3 Jabbed 4 Jackpot 5 Janitor

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

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

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

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

Answer: (b)

12. 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. SURGERY : TVSHFSZ :: SILENCE : TJMFODF :: SOCIETY : ?

(a) YTEICOS

(b) TPDJFUZ

(c) COSYTEI

(d) CIETYSO

Answer: (b)

13. Which of the following numbers will replace the question mark (?) in the given series? 1483, 2369, ?, 4141, 5027, 5913

(a) 3255

(b) 2869

(c) 3119

(d) 3189

Answer: (a)

14. Which of the following terms will replace the question mark (?) in the given series? RHWC, QKVF, ? , OQTL, NTSO

(a) PMUJ

(b) PNUI

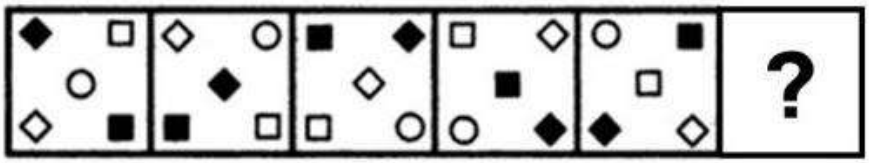
(c) QNUI

(d) ONUJ

Answer: (b)

15.

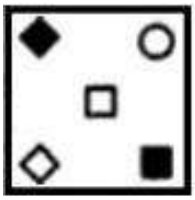
Select the figure from among the given options that can replace the question mark (?) in the following series.



(a)



(b)



(c)



(d)



Answer: (c)

16. 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: Some trees are fish. All fishes are goats. No goat is a flower. Conclusions:
I. Some trees are goats.
II. Some fishes are not flowers.
III. Some flowers are not goats.

(a) Only conclusion I follows.

(b) Only conclusion II follows.

(c) Only conclusion III follows.

(d) All conclusions follow.

Answer: (d)

17. Select the correct combination of mathematical signs to sequentially replace the % signs and to balance the given equation. 42 % 7 % 5% 10 % 3

(a) ÷, ×, =, ×

(b) ×, =, −, ÷

(c) ÷, ×, =, −

(d) ×, ÷, =, −

Answer: (a)

18. Which of the following numbers will replace the question mark (?) in the given series? 1, 2, 2, 4, 3, 6, 4, 8, ?

(a) 7

(b) 10

(c) 5

(d) 9

Answer: (c)

19. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (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) (17, 136, 40) (11, 198, 90)

(a) (12, 108, 45)

(b) (9, 135, 70)

(c) (24, 96, 25)

(d) (12, 228, 105)

Answer: (a)

General Knowledge and General Awareness

1. Startup India was launched under the _____.

(a) Ministry of Skill Development and Entrepreneurship

(b) Ministry of Social Justice and Empowerment

(c) Ministry of Labour and Employment

(d) Ministry of Commerce and Industry

Answer: (d)

2. It is used in making gunny bags, mats, ropes, yarn, carpets and other artefacts. Which crop is being spoken about here?

(a) jute

(b) banana

(c) coconut

(d) palm

Answer: (a)

3. Who among the following has received Rajiv Gandhi Puraskar, Indira Priyadarshini Samman and Rotary International Award?

(a) N. Rajam
(b) Mahaboob Subhani
(c) Zia Mohiuddin Dagar
(d) Shovana Narayan

Answer: (d)

4. Which of the following is NOT related with the primary sector of economy?

(a) Forestry
(b) Dairy
(c) Fishing
(d) Banking

Answer: (d)

5. The intervention of the government whether to expand demand or reduce it constitutes the _____ function.

(a) customisation
(b) initiation
(c) stabilisation
(d) creation

Answer: (c)

6. Sattriya, is the classical dance form of which of t' ollowing states?

(a) Tamil Nadu
(b) Uttar Pradesh
(c) Maharashtra
(d) Assam

Answer: (d)

8. What makes the imported goods more expensive?

(a) Superior Quality
(b) Custom Made goods
(c) Tariffs
(d) Rarity in nature

Answer: (c)

9. Which Shiv Sena leader from India was elected as Member of Rajya Sabha from Maharashtra in July 2022?

(a) Sanjay Raut
(b) Vinayak Raut
(c) Uddhav Thackeray
(d) Aaditya Thackeray

Answer: (a)

10. Which of the following is not a Cricketer?

(a) Saina Nehwal
(b) Sachin Tendulkar
(c) Javagal Srinath
(d) Rahul Dravid

Answer: (a)

11. In which region did the Swadeshi Movement have the strongest impact on people?

(a) Bengal
(b) Kashmir
(c) Berar
(d) United Provinces

Answer: (a)

12. In a badminton singles game, if both the players are on 29 points then at what point will one of them win the game?

(a) 31st point
(b) Match will be drawn
(c) 30th point
(d) 32nd point

Answer: (c)

13. The term of the Lok Sabha, unless dissolved is _ from the date appointed for its first meeting.

(a) 6 years
(b) 5 Years
(c) 3 Years
(d) 4 years

Answer: (b)

14. What is the white precipitate formed in the reaction of sodium sulphate and barium chloride?

(a) Barium hydroxide
(b) Sodium chloride
(c) Sodium oxide
(d) Barium sulphate

Answer: (d)

15. Ravikirti composed prashasti of which of following Chalukya rulers?

(a) Mangalesha I
(b) Pulakeshin II
(c) Kirtivaraman II
(d) Vikramaditya IV

Answer: (b)

16. Loo is a characteristic feature of which season?

(a) Summer
(b) Winter
(c) Spring
(d) Autumn

Answer: (a)

17. How many balanced meals of average size each day should adolescents have?

(a) three
(b) six
(c) one
(d) two

Answer: (a)

18. As per the Census 2011, what was the literacy rate in India?

(a) 74.04%
(b) 88.23%
(c) 65.27%
(d) 69.90%

Answer: (a)

19. Buddha Purnima, celebrated by the devotees of G am Buddha, is known as Saga Dawa in which of the following states?

(a) Andhra Pradesh
(b) Maharashtra
(c) Sikkim
(d) Assam

Answer: (c)

20. Who was appointed as the first female Director General of the Council of Scientific and Industrial Research (CSIR) in August 2022?

(a) Navjit Kaur Brar
(b) Apeksha Fernandes
(c) Nallathamby Kalaiselvi
(d) Savitri Jindal

Answer: (c)

Elementary Mathematics

1.

The selling price of an article is $\frac{4}{3}$ times of its cost price. The gain percentage is:

(a)

$32\frac{1}{2}\%$

(b)

$32\frac{1}{3}\%$

(c)

$33\frac{1}{3}\%$

(d)

$33\frac{2}{3}\%$

Answer: (c)

2. The product of 2 numbers is 6750 and their LCM is 450. If difference between the numbers is equal to their HCF, then find the smaller number.

(a) 150

(b) 75

(c) 120

(d) 90

Answer: (b)

3. X gets on a lift at the ground floor which goes up at speed of 30 floors per minute whereas Y gets on another lift at the same time on the 50th floor which goes down at the speed of 45 floors per minute. At which floor will their paths cross?(lifts are moving without stopping at any floor)

(a) 18th

(b) 25th

(c) 24th

(d) 20th

Answer: (d)

4. Two athletes A and B are running on a circular track of length 1800 m from the same starting point at the same starting time,at the speeds of 9 m/s and 6 m/s, respectively. At how many distinct points will they meet while running in opposite directions?

(a) 15

(b) 3

(c) 1

(d) 5

Answer: (d)

5. Mehul buys a car for Rs. 560000. He renovates it and eventually sells it for Rs. 640000. The percent increase in the price of the car is:

(a) 80/9 percent

(b) 100/7 percent

(c) 60/7 percent

(d) 50/3 percent

Answer: (b)

7. The total amount after 3 quarters would be Rs.13,310. If the rate of interest is 40% per annum and compounding is performed quarterly, determine the present value (in Rs.).

(a) 13000

(b) 11000

(c) 10000

(d) 9000

Answer: (c)

8. Akash travels the distance from his home to school in three equal parts on his bicycle at a speed of 5 km/h, 10 km/h and 15 km/h, respectively. What is the average speed of Akash going from his home to school?

(a)

$10\ \text{km/h}$

(b)

$9\frac{1}{11}\ \text{km/h}$

(c)

$8\frac{2}{11}\ \text{km/h}$

(d)

$11\ \text{km/h}$

Answer: (c)

9. Rs.12,600 is divided among 15 labourers. There are 7 men, 3 women and 5 boys. If each woman receives three times as much as each boy, and each man receives seven times as much as each boy, the share of each woman is _____.

(a) Rs.1,800

(b) Rs.1,200

(c) Rs.600

(d) Rs.900

Answer: (c)

10. Find the compound interest on a sum of ₹50,000 at the rate of 6% per annum to be compounded half yearly at the end of 2 years. (Approximate to the nearest integer.)

(a) ₹5,676
(b) ₹5,978
(c) ₹6,275
(d) ₹6,933

Answer: (c)

11. The marked price of a fan is 25% more than its cost price. If a discount of 12% is given on the marked price, then the gain per cent is:

(a) 8%
(b) 9%
(c) 7%
(d) 10%

Answer: (d)

12. If 3:5 = x:75 , then what is the value of x?

(a) 42
(b) 45
(c) 50
(d) 30

Answer: (b)

13. Aarav and Durga together can do a piece of wor[illegible] 33 days. They worked together for 15 days and then Aarav left the work and Durga alo[illegible]finis[illegible] the remaining work in 30 days. Find the number of days in which Aarav alone can do [illegible] work.

(a) 145/2 days
(b) 135/2 days
(c) 155/2 days
(d) 165/2 days

Answer: (d)

14. If a person buys 15 pencils for ₹12, and sells 12 pencils for ₹15, find the gain or loss percentage.

(a) Gain of 65.25%
(b) Loss of 56.25%
(c) Gain of 56.25%
(d) Loss of 56.52%

Answer: (c)

15. There is 16 percent discount on a dozen pairs of trousers marked at Rs. 5000. How many pair of trousers can be bought with Rs. 2100?

(a) 5

(b) 7

(c) 4

(d) 6

Answer: (d)

16. A number is decreased from 200 to 150. Find the decrease percentage.

(a)

25%

(b)

51%

(c)

43%

(d)

32%

Answer: (a)

17. A cylinder has a diameter of 14 cm, and its curved face area is 220 cm^2. The volume of the cylinder is:

(a)

$670\ cm^3$

(b)

$770\ cm^3$

(c)

$707\ cm^3$

(d)

$620\ cm^3$

Answer: (b)

18. A train is running at a speed of 129 km/h on a straight railway track, and a small car on a parallel road is running at a speed of 60 km/h. How long (in seconds, rounded off to the nearest integer) will the train take to cross the car completely if the train is 943 m long and they are running in the same direction? Ignore the length of the car as compared to the length of the train.

(a) 49

(b) 59

(c) 39

(d) 29

Answer: (a)

19. 12 women and 16 men can do a piece of work in 11 days. If each woman takes twice the time taken by a man to do the work, in how many days will 16 men do the same work?

(a) $\frac{117}{8}$ days

(b) $\frac{115}{8}$ days

(c) $\frac{125}{8}$ days

(d) $\frac{121}{8}$ days

Answer: (d)

20. Which of the given pairs form a co-prime numbers pair?

(a) (21 , 42)

(b) (9 , 63)

(c) (36 , 15)

(d) (11 , 21)

Answer: (d)

English

1. Select the INCORRECTLY spelt word.

(a) Grammar

(b) Swindle

(c) Kindergarten

(d) Imaginery

Answer: (d)

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

I still enjoyed the week <u>despite of the weather.</u>

(a) despite with the weather

(b) despite for the weather

(c) despite to the weather

(d) despite the weather

Answer: (d)

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

An axe to grind

(a) Personal and selfish reason
(b) Extra effort for solving problems
(c) Handling sharp items
(d) To act justly

Answer: (a)

4. Select the most appropriate option to fill in the blanks and make the sentence meaningful.

My _____ gives me fresh coffee every _____.

(a) made; morning
(b) made; mourning
(c) maid; mourning
(d) maid; morning

Answer: (d)

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

Exciting

(a) Dreary
(b) Electrifying
(c) Moral
(d) Vengeful

Answer: (b)

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

Eager

(a) Indifferent
(b) Sharp
(c) Great
(d) Greedy

Answer: (a)

7. Select the INCORRECTLY spelt word.

(a) Argue
(b) Lapse
(c) Spoil
(d) Blinc

Answer: (d)

8. Select the most appropriate ANTONYM of the given word. Invincible

(a) Vulnerable
(b) Powerful
(c) Safe
(d) Secure

Answer: (a)

9. 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 required'.

The fire fighters were able to put out the fire in the industrial unit.

(a) to put off
(b) putting out
(c) No substitution required
(d) putting off

Answer: (c)

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

Differences among the various groups do not _____ well for the future of the peace treaty.

(a) auger
(b) ogre
(c) oar
(d) augur

Answer: (d)

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'. The District Collector, Mr Kaushalendra Kumar, are visiting the site for inspection.

(a) No substitution
(b) is visiting the site
(c) is visiting cite
(d) are visiting site

Answer: (b)

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

Get the picture

(a) To control something
(b) To understand what's happening
(c) To buy something
(d) To watch with own eyes

Answer: (b)

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

Conquer

(a) Attach
(b) Separate
(c) Surrender
(d) Defeat

Answer: (d)

14. Select the option that expresses the given sentence in past perfect tense.

A. The participants practised a lot for play.
B. The participants had practised a lot for play.
C. The participants had been practising a lot for play.
D. The participants were practising a lot for play.

(a) C
(b) A
(c) B
(d) D

Answer: (c)

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

Freedom

(a) Bondage
(b) Scarcity
(c) Starvation
(d) Courage

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.
>
> Delhi National Zoological Park, which opened in 1959, is (1.) _____ next to the wellknown Old Fort. One of the top zoos in the entire Asian continent, it stands out for its (2.) _____ to give the animals and the birds housed there a habitat that is as close to natural as possible. With a total area of 214 acres, it is perfect for picnics, (3.) _____ in the winter. The National Zoological Gardens in New Delhi are home to over 2,000 different animal and bird (4.) _____. These animals and birds, which originate from many areas such as Africa, America, Australia, etc., (5.) _____ a home at this zoo. The Mughal Kos Minar serves as the Delhi Zoo's entrance.

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

(a) vacated
(b) waited
(c) located
(d) queued

Answer: (c)

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

(a) effects
(b) efforts
(c) affects
(d) escalations

Answer: (b)

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

(a) explicitly
(b) especially
(c) exactly
(d) variably

Answer: (b)

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

(a) kingdoms
(b) varieties
(c) species
(d) beings

Answer: (c)

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

(a) finding
(b) find
(c) found
(d) finds

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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