PREVIOUS YEAR PAPER

SSC GD Constable — 11 January 2023, Shift 1

SSC GD Constable · 11 January 2023 · 9:00 AM - 10:00 AM

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

Left out of the original paper: 5 (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, 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-2023-11-jan-shift-1/

General Intelligence and Reasoning

1. Six people U, V, W, X, Y, and Z are sitting in a circle facing opposite to the centre. U is sitting third to the right of Y. W is sitting to the immediate left of U. W is sitting third to the left of V. Z is not sitting next to U. Who is sitting between W and Y?

(a) Z
(b) X
(c) U
(d) V

Answer: (a)

2. Which option represents the correct order of the gi n words as they would appear in the English dictionary? 1 kind 2 kite 3 knit 4 king 5 kindle

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

Answer: (a)

3. Which letter-cluster will replace the question mark (?) to complete the given series? XCMQ, YDNR, ?, AFPT, BGQU

(a) ZEOR
(b) ZEPS
(c) ZEUS
(d) ZEOS

Answer: (d)

4. 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 bags are rubber. Some rubber are chairs. All chairs are tables. Conclusions:
I. Some rubber are bags.
II. Some chairs are rubber.
III. Some chairs are tables.

(a) Both conclusions I and III follow.

(b) Both conclusions I and II follow.

(c) All conclusions follow.

(d) Both conclusions II and III follow.

Answer: (c)

5. Which of the mathematical signs should be interchanged in the below equation to make it mathematically correct? 144 - 12 + 18 × 6 ÷ 24 = 96

(a) - and ÷

(b) - and ×

(c) × and ÷

(d) - and +

Answer: (a)

6. 'A + B' means 'B is the brother of A' 'A – B' means 'B is the sister of A' 'A % B' means 'B is the daughter of A' 'A & B' means 'B is the wife of A' If A & B ÷ C + D – E, then how is E related to A?

(a) Mother

(b) Wife

(c) Daughter

(d) Sister

Answer: (c)

7. Seven friends are sitting around a circular table facing the centre. T is an immediate neighbour of K and U. S is sitting immediate right of K. W is an immediate neighbour of U and M. Who is sitting third to the left of K?

(a) W

(b) M

(c) U

(d) T

Answer: (a)

8. Which number will replace the question mark (?) in the following series? 6, 24, 60, 120, ?

(a) 150

(b) 180

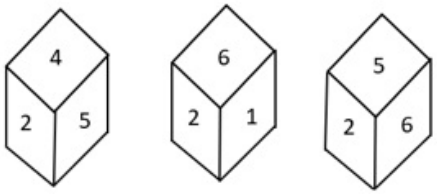
(c) 135

(d) 210

Answer: (d)

9.

Three different positions of the same dice are shown. Find the number on the face opposite the face showing '2 '.



(a) 5

(b) 1

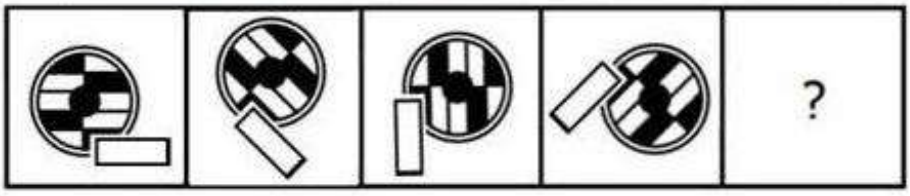
(c) 4

(d) 3

Answer: (d)

10.

Select the figure that will come next in the following series.



(a)



(b)



(c)



(d)



Answer: (c)

11. 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.)
Kite : Claw :: Horse : ?

(a) Strong

(b) Fast

(c) Power

(d) Hoof

Answer: (d)

12. In a certain code language,'GHOST' is written as 'JCRNW' and 'FIRED' is written as 'IDUZG'. How will 'RIFLE' be written in the same code language?

(a) UDIGH

(b) VEJFH

(c) PDBGH

(d) UIDBH

Answer: (a)

13. 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. PAE : HCQ :: ESH: KUF :: FDN : ?

(a) QFG

(b) KFG

(c) KGP

(d) PFH

Answer: (a)

14. Which letter-cluster will replace the question mark (?) to complete the given series? QJKE, SHIG, UFGI, ?, YBCM

(a) WCFM

(b) VEFL

(c) VDEN

(d) WDEK

Answer: (d)

15.

Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



(a)



(b)



(c)



(d)



Answer: (a)

16. In a certain code language, ‘SLOWLY’ is written as ‘TMNXMZ’ and 'FRIEND’ is written as ‘ GSHDOE’. How will ‘BORING’ be written in that language?

(a) CPSNOH

(b) CNSHOH

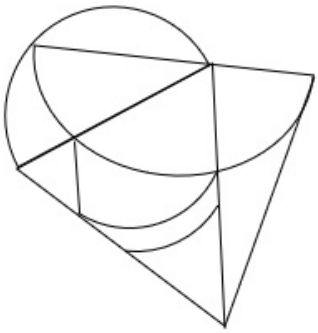
(c) CNSJOH

(d) CNSHOF

Answer: (b)

17.

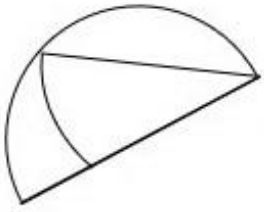
Select the option figure which is embedded in the given figure. (Rotation is NOT allowed)



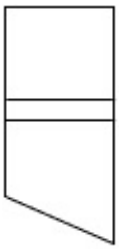
(a)



(b)



(c)



(d)



Answer: (b)

18. Which of the following numbers will replace the question mark (?) in the given series? 62498, 61874, ?, 60644, 60038, 59438

(a) 61256

(b) 61656

(c) 60544

(d) 60446

Answer: (a)

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) (11, 78, 15) (12, 90, 18)

(a) (12, 89, 17)

(b) (11, 91, 19)

(c) (13, 96, 19)

(d) (10, 54, 17)

Answer: (c)

20. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. 10 * 18 * 19 * 2 * 1 * 217

(a) ×, +, ×, +, =

(b) ×, +, ×, −, =

(c) ×, +, −, −, =

(d) +, +, ×, −, =

Answer: (b)

General Knowledge and General Awareness

1. Government of India has approved a new Central Sector Scheme entitled “National Beekeeping & Honey Mission (NBHM)” which is associated to_____revolution.

(a) savoury

(b) sweet

(c) honey

(d) golden

Answer: (b)

2. _____ are a narrow belt of high altitude (above 12,000 m) westerly winds in the troposphere. Their speed varies from about 110 km/h in summer to about 184 km/h in winter.

(a) Jet Streams

(b) Whirlwind

(c) Derecho

(d) Hurricane

Answer: (a)

3. After independence, India launched its First fiver year plan in _____.

(a) 1952
(b) 1953
(c) 1950
(d) 1951

Answer: (d)

4. Which Indian dancer among the following was the Youngest recipient of Padma Vibhushan in 2003?

(a) Uday Shankar
(b) Sonal Mansingh
(c) Pandit Birju Maharaj
(d) Kelucharan Mohapatra

Answer: (b)

5. What is the chemical formula of Calcium Carbonate?

(a) $CaSO_4$
(b) $CaCO_3$
(c) $CaCO_2$
(d) CaO

Answer: (b)

6. Which vitamin is also known as Thiamin?

(a) Vitamin B2
(b) Vitamin B3
(c) Vitamin B1
(d) Vitamin B12

Answer: (c)

7. Who took oath as the Governor of Meghalaya in October 2022?

(a) Banwarilal Purohit
(b) Tathagata Roy
(c) Satya Pal Malik
(d) B. D. Mishra

Answer: (d)

8. Gandhi-Irwin pact was signed in which year?

(a) 1931
(b) 1935
(c) 1929
(d) 1933

Answer: (a)

10. The last article of the Constitution of India has been given the number _____. (as on May 2022).
    (a) 380
    (b) 390
    (c) 395
    (d) 385
    Answer: (c)

11. As of November 2022, who is the Union Minister for Education in India?
    (a) Dharmendra Pradhan
    (b) Mansukh Mandaviya
    (c) Anurag Thakur
    (d) Kiren Rijiju
    Answer: (a)

12. Which union territory has the highest sex ratio as per the 2011 Census?
    (a) Lakshwadeep
    (b) Puducherry
    (c) Daman & Diu
    (d) Chandigarh
    Answer: (b)

13. _____ is celebrated as Gujarati New Year in In
    (a) Bestu Varas
    (b) Vishu
    (c) Losar
    (d) Losoong
    Answer: (a)

14. Primary raw material for sugar industry is _____.
    (a) chemical sweetners
    (b) sweet potato
    (c) apple
    (d) sugar cane
    Answer: (d)

15. Which among the following classical dance forms was introduced in the 16th century by Vaishnava saint Mahapurusha Sankaradeva?
    (a) Kuchipudi
    (b) Sattriya
    (c) Odissi
    (d) Manipuri
    Answer: (b)

16. In which city is the Mohun Bagan Athletic club situated?

(a) Jaipur
(b) Kolkata
(c) Lucknow
(d) Bulandshahr

Answer: (b)

17. Who hosted the FIFA World Cup 2022?

(a) Brazil
(b) Qatar
(c) Spain
(d) Germany

Answer: (b)

18. Removal of president of the country from the office is known as _____.

(a) Impeachment
(b) Termination of Services
(c) Resignation
(d) Voluntary Retirement from services

Answer: (a)

19. Who among the following Greek rulers sent Mega[illegible]enes to the court of Chandragupta Maurya?

(a) Seleucus Nicator
(b) Amyntas II
(c) Amyntas III
(d) Phillip II

Answer: (a)

Elementary Mathematics

1. Manish bought an air conditioner for Rs.46,875, its value is depreciating at the rate of 8% yearly. What will be the price of the air conditioner after 3 years?

(a) Rs.33,786
(b) Rs.32,245
(c) Rs.36,501
(d) Rs.35,602

Answer: (c)

3. An increase of 25 percent in the price of onions enables a woman to buy 5 kg less for Rs. 200. The increased price of onions per kg is:

(a) Rs. 5 per kg
(b) Rs. 8 per kg
(c) Rs. 10 per kg
(d) Rs. 15 per kg

Answer: (c)

4. A person travels in a car for 600 km at an average speed of 50 km/h and 100 km at 100 km/h, and finally reaches his destination by travelling 50 km at a speed of 25 km/h. Determine the average speed during the whole journey.

(a) 50 km/h

(b) 75 km/h

(c) 58.33 km/h

(d) 25 km/h

Answer: (a)

5. There are 90 female members and 60 male members in a club. If the average age of female members is 35 years, and the average age of male members is 45 years, then find the average age (in years) of the whole club?

(a) 39

(b) 36

(c) 40

(d) 47

Answer: (a)

6. The difference between the two numbers is 15% of their sum. Find the ratio of the smaller number to the larger number.

(a) $\frac{13}{17}$

(b) $\frac{17}{13}$

(c) $\frac{17}{23}$

(d) $\frac{23}{17}$

Answer: (c)

8. Ruby bought 20 buttons for Rs.1. How many buttons she must sell for Rs.1 in order to get a profit of 25%?

(a) 15

(b) 17

(c) 14

(d) 16

Answer: (d)

9.

In a proportion, the product of the 1^{st} and 4^{th} term is 70 and that of 2^{nd} and 3^{rd} term is $3.5x$. The value of x is:

(a) 21

(b) 35

(c) 2

(d) 20

Answer: (d)

10. A and B together can do a piece of the work in 50 hours, B and C together can do the same work in 75 hours and A and C together can do the same in 25 hours. Find the time in which A, B, and C together will complete the task.

(a) 400/11 hours

(b) 150/11 hours

(c) 131/11 hours

(d) 300/11 hours

Answer: (d)

11. Find the difference between the greatest and the smallest 4-digit numbers exactly divisible by 36 and 48.

(a) 8928

(b) 8892

(c) 8298

(d) 8982

Answer: (a)

12. If machine A and B can produce 1100 units [illegible] and 12 h respectively. In how many hours can machine A and B working together at these constant rates produce 1100 units?

(a) $\frac{36}{7}$

(b) $\frac{37}{7}$

(c) $\frac{39}{7}$

(d) $\frac{38}{7}$

Answer: (a)

13. Robin travels one-fourth of the distance at 20 km/h, another one-fourth at 10 km/h, and the remaining distance at 80 km/h. Find Robin's average speed for the entire distance (correct to 2 decimal places)?

(a) 25 km/h

(b) 22.86 km/h

(c) 20 km/h

(d) 18.2 km/h

Answer: (b)

14. The marked price of an item was Rs. 100000, but the shopkeeper offered a double discount of 20 percent and 10 percent. At what price did he finally sell the item?

(a) Rs. 72000

(b) Rs. 80000

(c) Rs. 70000

(d) Rs. 82000

Answer: (a)

15. If $2^{305} + 303$ is divided by 9, then the remainder is:

(a) 2

(b) 4

(c) 6

(d) 1

Answer: (a)

16. A chair is bought for ₹800 and sold for ₹1100. Find the gain percentage.

(a)

40%

(b)

30%

(c)

37.5%

(d)

32.3%

Answer: (c)

17.

The curved surface area of right circular cylinder of height 14 cm is 110 cm^2. What is the base diameter of the cylinder?

(Use $\pi = \frac{22}{7}$)

(a) 2.7 cm

(b) 2.4 cm

(c) 2.5 cm

(d) 2.6 cm

Answer: (c)

18. The marked price on an item was Rs 2000/- but the shopkeeper offered a discount of 20 percent. How much did he finally sell the item for?

(a) Rs.1400

(b) Rs. 1200

(c) Rs. 1500

(d) Rs. 1600

Answer: (d)

19. In how many years will ₹800 amount to ₹926.10 at 10% per annum, compounded halfyearly?

(a) 3

(b) 2

(c) 2.5

(d) 1.5

Answer: (d)

20. If a + b = 25 and a – b = 7, then determi an proportion of a and b.

(a) 12

(b) 15

(c) 6

(d) 9

Answer: (a)

English

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

Compassionate

(a) Likeable

(b) Merciful

(c) Cruel

(d) Fashionable

Answer: (c)

2. Select the most appropriate synonym for the underlined word in the given sentence.

An oxygen cylinder is used to deliver oxygen through the patient's nasal orifice.

(a) origin
(b) ornate
(c) ordained
(d) opening

Answer: (d)

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

Feeble

(a) Anxious
(b) Weak
(c) Sturdy
(d) Curious

Answer: (c)

4. The sentence below is divided into four segments. Select the option that has an error of tense. I has been / visiting my / family and relatives / during the winter vacation.

(a) during the winter vacation
(b) family and relatives
(c) visiting my
(d) I has been

Answer: (d)

5. Select the most appropriate option that can substitute the underlined segment in the given sentence. My uncle has an extremely large bungalow which has six bedrooms, five bathrooms and four living rooms.

(a) enormous
(b) meagre
(c) great
(d) oversize

Answer: (a)

6. Select the most appropriate meaning of the underlined idiom in the given sentence.

Siraj-ud Daula's defeat can be attributed to a snake in the grass.

(a) A devoted attendant
(b) A disloyal soldier
(c) A deceitful person
(d) A coiled serpent

Answer: (c)

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

He is an absolutely _____ man.

(a) chased
(b) chaste
(c) chest
(d) crazed

Answer: (b)

8. Select the most appropriate ANTONYM of the bracketed word to fill in the blank.

The medicine was so _____ (sweet) that a man had to choose sugar along with it.

(a) rancid
(b) sour
(c) stale
(d) fetid

Answer: (b)

9. Select the option in which all the words are spelt correctly.

(a) The sage preached that we are accountable to God in this life.
(b) The sage preached that we are akountable to God in this life.
(c) The sage preached that we are accuuntable to God in this life.
(d) The sage preached that we are acountable to God in this life.

Answer: (a)

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

He indeed is intelligent who _____ this and succeeds in making all work truly great.

(a) was noticed
(b) noticed
(c) notices
(d) noticing

Answer: (c)

11. Select the INCORRECTLY spelt word.

(a) Skulptor
(b) Miraculous
(c) Vision
(d) Succeed

Answer: (a)

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

Ideal

(a) Excellent
(b) Hefty
(c) Bad
(d) Intact

Answer: (a)

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

To call in question

(a) Show indifference
(b) Take a resolute stand
(c) Challenge
(d) Dislike the arrangement

Answer: (c)

15. Complete the sentence using correct pair of words from the options given.

My brother _____ _____ apples during his fast.

(a) ate; eight
(b) eight; eight
(c) ate; ate
(d) eight; ate

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.
>
> One certain benefit of online communication either through email or even communicating through WhatsApp nowadays is that there is a (1) _____ dependence on paper. It is said that to make a ton of paper 17 trees have to be cut down. With the already existing demand for paper to meet (2) _____ needs, it would be horrendous to keep (3) _____ the demand for paper worldwide. Online communication is a boon as many documents are now sent by mail through PDF, Microsoft Word or the JPEG format. This means that there is certainly a (4) _____ in the use of paper due to online communication. Many people read online newspapers nowadays, which means there is a decline in the number of people buying offline versions of (5) _____.

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

(a) restless
(b) crest
(c) less
(d) dress

Answer: (c)

17. Select the most appropriate option to fill in blank number 2.
    (a) controversial
    (b) various
    (c) rare
    (d) handle
    Answer: (b)

18. Select the most appropriate option to fill in blank number 3.
    (a) planning
    (b) increasing
    (c) contriving
    (d) depriving
    Answer: (b)

19. Select the most appropriate option to fill in blank number 4.
    (a) traction
    (b) reduction
    (c) induction
    (d) gumption
    Answer: (b)

20. Select the most appropriate option to fill in blank number 5.
    (a) fliers
    (b) magazines
    (c) newspapers
    (d) canvas
    Answer: (c)

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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