PREVIOUS YEAR PAPER

SSC GD Constable — 16 January 2023, Shift 4

SSC GD Constable · 16 January 2023 · 5:15 PM - 6:15 PM

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

Left out of the original paper: 2 (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 16 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-2023-16-jan-shift-4/

General Intelligence and Reasoning

1. Select the number from among the given options that can replace the question mark (?) in the following series. 784, 568, 443, ?, 352

(a) 382
(b) 361
(c) 427
(d) 379

Answer: (d)

2. X and Z are sisters. Y is the brother of Z. S is the daughter of Z. T is the brother of S. T is married to U. How is Y related to S?

(a) Father
(b) Mother’s brother
(c) Brother
(d) Mother’s father

Answer: (b)

3. Which of the following numbers will replace the question mark (?) in the given series? 8, 17, 36, ?, 154

(a) 57
(b) 86
(c) 46
(d) 75

Answer: (d)

4.

Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.

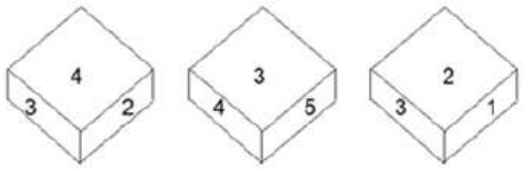


Figure 1 Figure 2 Figure 3

(a) 4

(b) 2

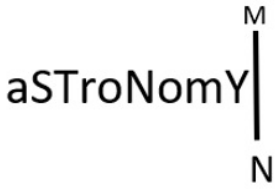
(c) 5

(d) 6

Answer: (d)

5.

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)

6. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 dream 2 drown 3 drone 4 dropped 5 drama

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

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

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

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

Answer: (d)

7. Which of the following letter-clusters will replace the question mark (?) in the given series? YSEA, WQGC, UOIE, ?, QKMI

(a) SMLH

(b) RMLG

(c) SMKG

(d) RMLH

Answer: (c)

8. Three statements are given followed by two conclusions. 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 trains are buses. No bus is a car. Some cars are bikes. Conclusions:
1. Some bikes are cars.
2. Some bikes are trains.

(a) Neither conclusion 1 nor 2 follows.

(b) Only conclusion 2 follows.

(c) Both conclusions 1 and 2 follow.

(d) Only conclusion 1 follows.

Answer: (d)

9. Which two numbers (not digits), from the given options, should be interchanged to make the given equation correct? 158 − 64 × 6 ÷ 2 = 4 × 15 ÷ 3

(a) 15 and 158

(b) 64 and 6

(c) 64 and 4

(d) 6 and 4

Answer: (d)

10. Which letter-cluster will replace the question mark (?) to complete the given series? ABDG, DEGJ, ? , JKMP, MNPS

(a) FHIK

(b) GHKM

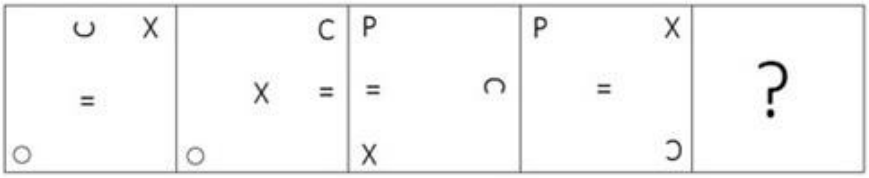
(c) GHJM

(d) FGIL

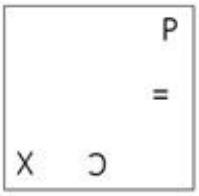
Answer: (c)

11.

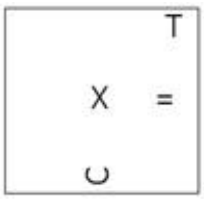
Which figure should replace the question mark (?) if the series were to be continued?



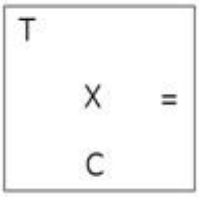
(a)



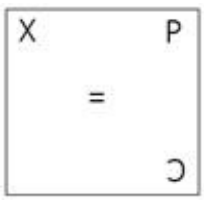
(b)



(c)



(d)



Answer: (b)

12. Six students are sitting around a circular table facing the centre. F is an immediate neighbour of A. D sits second to the right of E. B is an immediate neighbour of E and sits second to the right of C. F sits second to the right of D. A is not an immediate neighbour of E. Who is sitting between D and E?

(a) C

(b) F

(c) B

(d) A

Answer: (c)

13. Five people A, B, C, D, and E are sitting in a straight row facing the North. A is sitting to the immediate left of C. Only C is sitting between A and E. B is sitting to the right of E. D is sitting to the right of B. Who is sitting at the extreme left of the row?

(a) D

(b) C

(c) A

(d) B

Answer: (c)

14. Which two signs should be interchanged to make the below equation mathematically correct? 72 - 36 × 4 ÷ 6 + 24 = 42

(a) ÷ and x

(b) + and -

(c) - and ÷

(d) × and +

Answer: (a)

15. 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.) Resistance : Ohm :: Energy : ?

(a) Volt

(b) Strength

(c) Watt

(d) Joule

Answer: (d)

16. 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. LEAP : KFZQ :: CLOS : BMNT :: EJOT : ?

(a) KCNS

(b) DKNU

(c) KDZO

(d) DKNS

Answer: (b)

17. In a certain code language, 'STORK' is written as 'URROO' and 'ASHES' is written as 'CQKBW'. How will 'BUNKE' be written in that language?

(a) DRPGI

(b) DSPHG

(c) DSQGI

(d) DSQHI

Answer: (d)

18. 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. 46 : 11 :: 30 : 7 :: 50 : ?

(a) 8

(b) 13

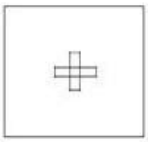
(c) 12

(d) 9

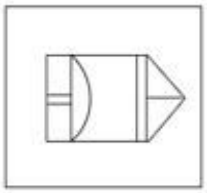
Answer: (c)

19.

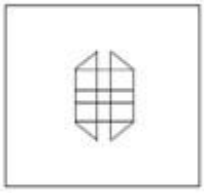
Select the option figure in which the question figure is embedded(Rotation is not allowed).



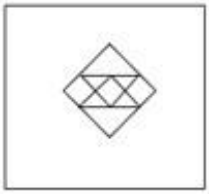
(a)



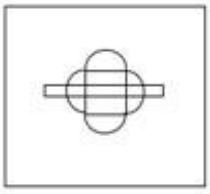
(b)



(c)



(d)



Answer: (b)

20. In a code language, 'LEAF' is written as ‘EZDK’ and ‘PLANT’ is written as ’SMZKO’, how will 'FLOWER' be written in that language?

(a) QDVNKD
(b) QDVNKE
(c) QDWNKE
(d) EDVNKE

Answer: (b)

General Knowledge and General Awareness

1. In India, Inter-religion marriages are performed under this Act:

(a) Indian Succession Act
(b) Hindu Marriage and Adoption Act
(c) Civil Procedure Code
(d) Special Marriage Act

Answer: (d)

2. The green revolution in India started in the late 1960s in _____.

(a) Maharashtra
(b) Punjab
(c) Uttarakhand
(d) Andhra Pradesh

Answer: (b)

3. What are the industrially developed urba[illegible]nte[illegible]usually surrounded by?

(a) agricultural urban hinterland
(b) agricultural rural hinterland
(c) Costal hinterland
(d) seaport hinterland

Answer: (b)

4. What is the term used for people who regularly move in and out of poverty line?

(a) Occasionally poor
(b) Usually Poor
(c) Chronic poor
(d) Churning poor

Answer: (d)

5. The _____ allocates ranks and portfolios to the ministers in the states.

(a) speaker
(b) governor
(c) chief minister
(d) head of the political party

Answer: (c)

6. Identify a dwarf planet from the following list.

(a) Neptune
(b) Mercury
(c) Mars
(d) Pluto

Answer: (d)

7. _____ Fundamental duties are listed in Article _____ of Part IV A of the Indian Constitution.

(a) 11; 51A
(b) 11; 52A
(c) 13; 52A
(d) 13; 51A

Answer: (a)

8. 2020 Summer Paralympics was hosted by _____.

(a) Korea
(b) Russia
(c) Japan
(d) France

Answer: (c)

9. The term "LBW" Is related to which sport?

(a) Cricket
(b) Volleyball
(c) Football
(d) Badminton

Answer: (a)

10. The person or entity writing the cheque is known as the payer or _____.

(a) drawee
(b) producer
(c) drawer
(d) seller

Answer: (c)

11. Sher Khan defeated Humayun at Chausa in _____.

(a) 1539
(b) 1537
(c) 1541
(d) 1545

Answer: (a)

12. Which of the following was a provincial capital under the rule of Ashoka?
I. Taxila
II. Ujjain

(a) Neither I nor II
(b) Only II
(c) Both I and II
(d) Only I

Answer: (c)

13. Who has been appointed as the 16th Attorney General of India in September 2022?

(a) Mukul Rohatgi
(b) Goolam Essaji Vahanvati
(c) R Venkataramani
(d) Kotayan Katankot Venugopal

Answer: (c)

14. Who was the Presidential candidate of India by opposition parties in June 2022?

(a) Sonia Gandhi
(b) Jairam Ramesh
(c) Yashwant Sinha
(d) Draupadi Murmu

Answer: (c)

15. Which of the following organization governs the ernational trade?

(a) International Labor Organization
(b) United Nations Educational, Scientific an ltural Organization
(c) Securities and Exchange Board of India
(d) World Trade Organization

Answer: (d)

16. A specific place of an organism in the food chain is called as _____.

(a) standing crop
(b) biomass
(c) consumer
(d) trophic level

Answer: (d)

17. _____ is the chemical formula of ethanoic Acid.

(a) CH_2COOH
(b) CH_2OH
(c) CH_3COOH
(d) CH_3OH

Answer: (c)

18. Makar Sankranti marks the beginning of 'Uttarayana' and is celebrated on _____.

(a) 20th January
(b) 16th March
(c) 14th January
(d) 15th February

Answer: (c)

19. Which of the following dance types is NOT associated with Jharkhand?

(a) Agni
(b) Phagua
(c) Mardana Jhumar
(d) Lavani

Answer: (d)

20. Which among the following Indian Classical Dancer has been awarded Sangeet Natak Akademi Fellow (Akademi Ratna)?

(a) Tankeswar Hazarika Borbayan
(b) Sarodi Saikia
(c) Sonal Mansingh
(d) Jogen Dutta Bayan

Answer: (c)

Elementary Mathematics

1. The ratio of the weight of Ram, Shyam a[illegible]Moh[illegible]s 7 : 8 : 5 respectively. The average weight of Ram, Shyam and Mohan is 80 kg. What is the a[illegible]ge weight of Ram and Shyam ?

(a) 95 kg
(b) 80 kg
(c) 90 kg
(d) 85 kg

Answer: (c)

2. In a 500 m race, P runs at 2 kmph. P gives Q a head start of 20 m and still beats him by 60 seconds. Find the speed of Q.

(a) 1.6 kmph
(b) 1.8 kmph
(c) 1.9 kmph
(d) 1.5 kmph

Answer: (b)

3. A batsman scored 96 runs which included 2 boundaries and 6 sixes. What percent of his total score did he make by running between the wickets?

(a) 52.68 percent

(b) 54.16 percent

(c) 64.18 percent

(d) 72.16 percent

Answer: (b)

4.

The cost of painting a solid cone at 30 paise per cm^2 is ₹660. Find the radius of the cone if its slant height is 15 cm.$\left(\text{Use } \pi = \frac{22}{7}\right)$

(a) 50 cm

(b) 40 cm

(c) 30 cm

(d) 20 cm

Answer: (d)

5. Manoj invests Rs.57,695, which is 11% of his annual income, in mutual funds. What is his monthly income? (Rounded up to 2 decimal places)

(a)

Rs.43,708.33

(b)

Rs.63,441.99

(c)

Rs.77,266.54

(d)

Rs.54,329.89

Answer: (a)

6.

Find the value of $60 \div 5 \times \left(\frac{9}{8} \text{ of } \frac{4}{3} \div \frac{3}{4} \text{ of } \frac{2}{3}\right)$.

(a) 48

(b) 24

(c) 12

(d) 36

Answer: (d)

7. If 9 persons can do a job in 18 days, then 18 persons with twice the efficiency can do the same job in:

(a) $\frac{9}{2}$ days

(b) $\frac{5}{2}$ days

(c) $\frac{11}{2}$ days

(d) $\frac{7}{2}$ days

Answer: (a)

8. A sphere of radius 6 m is cut into two equal halves. Find the volume of each hemisphere so formed.

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

(a) 331.14 m^3

(b) 452.57 m^3

(c) 562.18 m^3

(d) 531.11 m^3

Answer: (b)

9. The marked price of a toy is Rs.1,600. If the shopkeeper declares a discount of 10% and then 10% cash discount, then what is the selling price of the toy?

(a) Rs.1,096

(b) Rs.1,296

(c) Rs.1,240

(d) Rs.1,088

Answer: (b)

10. The valuation of a house depreciates at the rate of 10% in a year, compared to its value at the beginning of that year. If the current value of the house is ₹40,00,000, then what will be the value of house after three years?

(a) ₹29,16,000

(b) ₹28,00,000

(c) ₹29,06,000

(d) ₹29,26,000

Answer: (a)

11. Reeta says that she sells her goods at the cost price. If she uses 80 gram weight instead of 100 gram, then what is her profit percentage?

(a) 10%

(b) 25%

(c) 15%

(d) 20%

Answer: (b)

12.

Find the fourth proportional of s^3, s^2t, and st^2.

(a)

t^3

(b)

st

(c)

t^2

(d)

s^2t^2

Answer: (a)

13. Suman and Arun together can finish a piece of w in 96 days, Arun and Rahul in 48 days, and Rahul and Suman in 80 days, then Rahul, Suman, ar run jointly can finish the same work in approximately how many days?

(a) 55 days

(b) 44 days

(c) 54 days

(d) 46 days

Answer: (d)

14. Regularly, a shop offers a 12% discount on the marked price. During festive seasons, it offers a successive discount of 10% and the owner still earns a profit of 5%. What would have been the profit in percentage if only 4% successive discount is offered with regular discount?

(a)

11%

(b)

12.5%

(c)

11.5%

(d)

12%

Answer: (d)

15. The average weight of 10 persons increases by 7.9 kg when a new person replaces one of them weighing 20 kg. What is the weight of the new person?

(a) 170 kg

(b) 86 kg

(c) 99 kg

(d) 72 kg

Answer: (c)

16. Anand can row 8 km/h in still water. It takes him thrice as long to row up as to row down the stream. Find the speed of the stream.

(a) 4 km/h

(b) 3 km/h

(c) 4.5 km/h

(d) 3.5 km/h

Answer: (a)

17. What is the third proportional of $5x^2$ and $3xy$?

(a)

$$\frac{(9y^2)}{5}$$

(b)

$$\frac{(9x^2y^2)}{5}$$

(c)

$$\frac{(9xy)}{5x}$$

(d)

$$\frac{(9x^2)}{5}$$

Answer: (a)

18. On a certain principal, the compound interest, compounded annually, for the second year at 20% per annum is Rs.1,300. The principal is (consider nearest integral value):

(a) Rs.5,600

(b) Rs.5,400

(c) Rs.5,416

(d) Rs.4,416

Answer: (c)

19. Two cars start taking laps of a circular track of 3.6 kms at the same time of 12:00 PM. They start from the same point and they are moving in the same direction. Their speeds are 72 kmph and 90 kmph respectively. At what time will the cars meet again?

(a) 12:12 PM

(b) 12:06 PM

(c) 12:03 PM

(d) 12:09 PM

Answer: (a)

20. A shopkeeper sells oil at ₹200 per litre, which he purchased for ₹160 per litre, but he gives only 800 ml of oil instead of 1 litre while selling. Find the actual percentage of profit.

(a)

56.25%

(b)

54.25%

(c)

52.25%

(d)

58.25%

Answer: (a)

English

1. Select the most appropriate meaning of the underlined idiom in the following sentence.

The local police were working hand in glove with Federal Bureau of Investigation to find the reasons behind the murder.

(a) To have liking for each other

(b) To be in close association

(c) In keeping with

(d) To progress at equal rate

Answer: (b)

2. Select the most appropriate spelling that can correctly substitute the misspelt underlined segment in the given sentence.

Who will adjuddicate on this matter?

(a) addjudicate

(b) adjjudicate

(c) adjudiccate

(d) adjudicate

Answer: (d)

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

Timid

(a) Fearful
(b) Bold
(c) Adventurous
(d) Forthcoming

Answer: (a)

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

Disdain

(a) Antipathy
(b) Scorn
(c) Dislike
(d) Respect

Answer: (d)

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

The price of fuel is declining as the elections are approaching.

(a) Extending
(b) Exalting
(c) Increasing
(d) Decreasing

Answer: (d)

6. The following sentence has been divided into parts. 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 blind man can perform / wonderfully well even though / he was old now.

(a) he was old now
(b) No error
(c) The blind man can perform
(d) wonderfully well even though

Answer: (a)

9. Identify from the following options the word which is OPPOSITE in meaning to the given word.
Valiant

(a) Cowardly
(b) Similar
(c) Heroic
(d) Dull

Answer: (a)

10. Select the most appropriate synonym of the word given in brackets to fill in the blank.

The soldiers exhibited their _____ (courage) during the war.

(a) anchor
(b) valour
(c) candour
(d) timidity

Answer: (b)

11. Select the most appropriate option to fill in the blank. He fell unconscious due to a snake bite, so the doctor quickly gave him _____.

(a) the antibiotic
(b) the antigen
(c) the antidote
(d) the antiquary

Answer: (c)

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

He picked up his lugage and crossed the road.

(a) Laggage
(b) Luggage
(c) Lugaze
(d) Lagage

Answer: (b)

13. Select the correct pair of homonyms to fill in the blanks.

The Prime Minister _____ the nation asking for the _____ of the traitors.

(a) meant, mean
(b) address, addressed
(c) mean, meant
(d) addressed, address

Answer: (d)

14. Select the most appropriate homonym to fill in the blank. I think he is the _____ person for this job.

(a) write
(b) rite
(c) right
(d) wright

Answer: (c)

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

People in temperate (country pay little attention) to mangroves.

(a) country pays little attention
(b) countries pays little attention
(c) countries pay little attention
(d) country paid little attention

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.
>
> While stone sculptures and reliefs (1)_____ the exterior of great religious monuments for many centuries, bronze sculptures of the gods were probably a later development. In southern India, kings and queens of the Chola dynasty were well- known patrons of great Hindu (2)_____. Marvellous bronze sculptures were worshipped in the temple context, and carried through the streets in (3)_____ during religious festivals. Such great temple festivals, involving massive carts that transport divine images, still (4)_____ today throughout India, and major celebrations may draw hundreds of thousands of participants. Such images were popular during the Chola dynasty because people increasingly wanted a more intimate, emotional relationship with the gods. These ideas were (5)_____ to the religious movement known as 'Bhakti', a personal and emotional experience of divinity.

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

(a) monitored
(b) overshadowed
(c) ornamented
(d) ruined

Answer: (c)

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

(a) regulations
(b) saints
(c) states
(d) temples

Answer: (d)

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

(a) vessels
(b) competitions
(c) patterns
(d) processions

Answer: (d)

19. Select the most appropriate option to fill in blank number 4.
    (a) occur
    (b) accede
    (c) herald
    (d) inspire

    Answer: (a)

20. Select the most appropriate option to fill in blank number 5.
    (a) analogous
    (b) foreign
    (c) contrary
    (d) central

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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