PREVIOUS YEAR PAPER

SSC GD Constable — 16 January 2023, Shift 3

SSC GD Constable · 16 January 2023 · 2:30 PM - 3:30 PM

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

Left out of the original paper: 3 (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, 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-2023-16-jan-shift-3/

General Intelligence and Reasoning

1. Eight people, D, E, M, P, T, W, Y and Z are sitting in a straight line, facing north. M sits at one of the extreme ends of the line. Only two people sit between M and E. D sits third to the right of E. Only four people sit between D and T. Z sits to the immediate right of P. W does not sit at any of the extreme ends of the line. How many people sit to the right of Y?

(a) One
(b) None
(c) Three
(d) More than three

Answer: (b)

2.

Which of the following figures is the exact mirror [illegible] given problem figure when the mirror is held at the right side?

Problem figure:



(a)



(b)



(c)



(d)



Answer: (b)

3. Which letter-cluster will replace the question mark (?) to complete the given series? AFIN, EJMR, ?, MRUZ, QVYD

(a) JNRV

(b) INQV

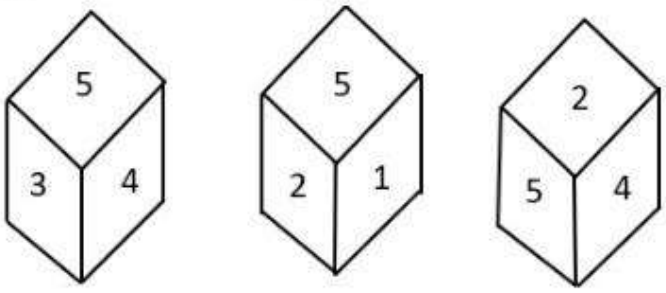
(c) JNQV

(d) INRV

Answer: (b)

4.

Three different positions of the same dice are shown. Find the number on the face opposite the face showing '5 '.



(a) 6

(b) 2

(c) 4

(d) 3

Answer: (a)

5. Which of the following options will replace the question mark (?) in the given series? 3, 8, 18, 38, ?, 158, 318

(a) 98

(b) 78

(c) 128

(d) 108

Answer: (b)

6. In a certain code language, ‘DAINTY’ is written as ‘GCKQWB’ and ‘PROMISE’ is written as ‘SUQPKVG’. How will ‘CERTAIN’ be written in that language?

(a) GGTUYKP

(b) EHTVDLP

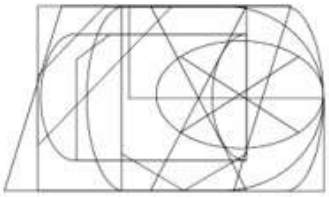
(c) EHUVCLQ

(d) FGUWCKQ

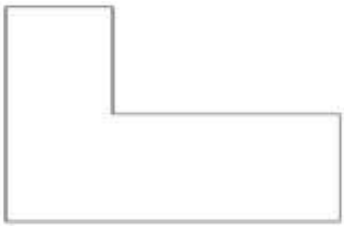
Answer: (d)

7.

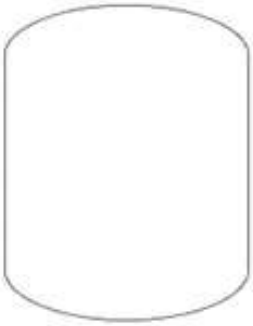
Select the option figure which is embedded in the given figure. (Rotation is NOT allowed)



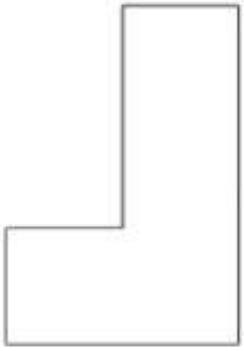
(a)



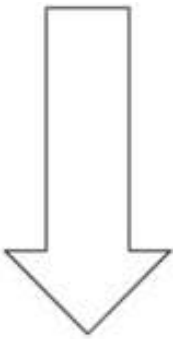
(b)



(c)



(d)



Answer: (a)

8. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 jumping 2 juice 3 jumble 4 jupiter 5 junior

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

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

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

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

Answer: (b)

9. 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. 9 : 11 :: 29 : 21 :: 37 : ?

(a) 26

(b) 24

(c) 25

(d) 22

Answer: (c)

10. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. OL, VE, CX, JQ, ?

(a) PK

(b) PJ

(c) QJ

(d) QK

Answer: (c)

11. Which two signs and two numbers (not digits) should be interchanged in the following equation to make it correct? 19 ÷ 14 + 7 × 2 × 4 = 80

(a) 14 and 2; + and ×

(b) 7 and 2; + and ×

(c) 4 and 19; + and ÷

(d) 19 and 14; + and ÷

Answer: (c)

12. Seven people K, L, M, N, O, P and Q, are sitting in a straight row, facing the north. Only four people sit to the left of P. Q sits third to the left of N. N is not an immediate neighbour of P. M sits third to the left of L. K sits to the immediate left of M. Who sits at the extreme left end of the row?

(a) Q

(b) M

(c) O

(d) K

Answer: (c)

13. ‘A + B’ means ‘A is the brother of B’. ‘A / B’ means ‘A is the mother of B’. ‘A ^ B’ means ‘A is the husband of B’. ‘A % B’ means ‘A is the sister of B’. ‘A @ B’ means ‘A is the son of B’. If U ^ V / W + X % Y, how is U related to Y?

(a) Father’s brother

(b) Father

(c) Son

(d) Brother

Answer: (b)

14. Select the number from among the given options that can replace the question mark (?) in the following series. 113, 114, 110, 119, 103, 128, ?

(a) 98

(b) 89

(c) 92

(d) 97

Answer: (c)

15. Which two signs should be interchanged to make the below equation mathematically correct? 36 + 27 – 75 × 5 ÷ 25 = 24

(a) ÷ and –

(b) – and +

(c) ÷ and ×

(d) + and ÷

Answer: (b)

16. In a certain code language, ‘FLEET’ is wri ΓFMFF’, ‘OUTLET’ is written as ‘TOVUMF’, how will ‘LABOUR’ be written as in that language?

(a) RLBCPV

(b) RLABOU

(c) LRBCPV

(d) LRABOU

Answer: (a)

17. 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. ZINCKY : XGLAIW :: ZIGZAG : XGEXYE :: JOCKEY : ?

(a) XJASIH

(b) HSIAJX

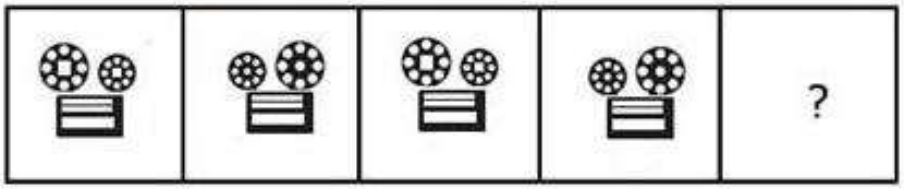
(c) HMAICW

(d) HISAJX

Answer: (c)

18.

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



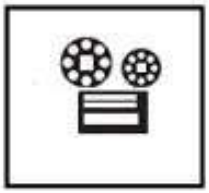
(a)



(b)



(c)



(d)



Answer: (c)

19. 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.)
Author : Pen :: Carpenter : ?

(a) Wood

(b) Wrench

(c) Saw

(d) Furniture

Answer: (c)

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 birds are cows. Some cows are hens. Some dogs are birds. Conclusions:
I. Some dogs are hens.
II. No hens are birds.
III. Some cows are dogs.

(a) Only conclusions II and III follow
(b) Only conclusions I and II follow
(c) All conclusions follow
(d) Only conclusion III follows

Answer: (d)

General Knowledge and General Awareness

1. Who among the following personalities received the Padma Shri award in the year 2008 for his contributions in Odissi dance?

(a) Shambhu Maharaj
(b) Kalkaprasad
(c) Ramlal Bareth
(d) Gangadhar Pradhan

Answer: (d)

2. Use of bauxite as a raw material is mainly for whi ndustry?

(a) Aluminium industry
(b) Jute industry
(c) Steel industry
(d) Cement industry

Answer: (a)

3. Which state/Union Territory hosted the Lusofonia Games in the year 2014?

(a) Goa
(b) Delhi
(c) Madhya Pradesh
(d) Pondicherry

Answer: (a)

4. Prime Minister Narendra Modi inaugurated Arunachal Pradesh's first greenfield airport in which city?

(a) Dirang
(b) Hollongi
(c) Khonsa
(d) Anini

Answer: (b)

5. The Hampi Utsav is celebrated every year in which of the following states?

(a) Karnataka

(b) Kerala

(c) Tamil Nadu

(d) Andhra Pradesh

Answer: (a)

6. Workers who own and operate an enterprise to earn their livelihood are known as _____.

(a) regular salried workers

(b) skill workers

(c) self-employed

(d) casual labourers

Answer: (c)

8. Consider a market structure where the number of firms is large, there is free entry and exit of firms, but the goods produced by them are not homogeneous. Such a market structure is called _____.

(a) monopsony

(b) oligopoly

(c) monopoly

(d) monopolistic competition

Answer: (d)

9. Which of the following is known as Fool's Gold?

(a)

Fe_2S_3

(b)

FeS_2

(c)

FeS

(d)

FeS_3

Answer: (b)

10. The Consumer Protection Act, 2019 was passed in 2019 and came into force in _____.

(a) 2019

(b) 2021

(c) 2020

(d) 2022

Answer: (c)

11. Aga Khan Gold Cup is associated with which of the following Sports?

(a) Golf
(b) Hockey
(c) Basketball
(d) Tennis

Answer: (b)

12. Emperor Ashoka was the son of _____.

(a) Bimbisara
(b) Bindusara
(c) Chandragupta Maurya
(d) Ajatashatru

Answer: (b)

13. The upper house of a state legislature is known as _____.

(a) Lok Sabha
(b) Vidhan Parishad
(c) Vidhan Sabha
(d) Rajya Sabha

Answer: (b)

14. What was the actual growth rate of the seventh fi ear plan of India?

(a) 8 %
(b) 3 %
(c) 12 %
(d) 6 %

Answer: (d)

15. As of November 2022, who is the Union Minister for Health in India?

(a) Hardeep Singh Puri
(b) Mansukh Mandaviya
(c) Parshottam Rupala
(d) Narayan Rane

Answer: (b)

16. In _____, James Mill, a Scottish economist and political philosopher, published a massive three-volume work, A History of British India.

(a) 1819
(b) 1831
(c) 1821
(d) 1817

Answer: (d)

17. Sharodi Saikia is an Indian classical dancer known for _____ dance form.

(a) Fusion
(b) Kuchipudi
(c) Manipuri
(d) Sattriya

Answer: (d)

18. Rule of Law is the foundation of any _____, which means that no person is above the law.

(a) communism
(b) autocracy
(c) democracy
(d) dictatorship

Answer: (c)

19. Visakhapatnam is the _____ landlocked and well-protected port.

(a) deepest
(b) shallowest
(c) longest
(d) shortest

Answer: (a)

20. Dead Sea is bordered by which two countries?

(a) Israel and Tunisia
(b) Jordan and Turkey
(c) Israel and Jordan
(d) Syria and Jordan

Answer: (c)

Elementary Mathematics

1. The value of an Apple laptop depreciated from Rs.1,33,100 to Rs.72,900 in 3 years. Find the yearly rate of depreciation. (Correct to 2 decimal places.)

(a) 25.32%
(b) 21.34%
(c) 20.75%
(d) 18.18%

Answer: (d)

2. In a mixture of 624 litres, the ratio of milk and water is 5: 3. The amount of water to be further added to the mixture so as to make the ratio of the milk to water 5: 4 will be:

(a) 84 litres
(b) 78 litres
(c) 64 litres
(d) 54 litres

Answer: (b)

3. A man sold two pens at Rs.12 each. On one, he gained 20% and on the other, he lost 20%. On the whole, he:

(a) lost Rs.1

(b) neither gained nor lost

(c) gained Rs.1

(d) gained Rs.2

Answer: (a)

4. Two trains of same length are running on parallel tracks in opposite directions with speeds of 54 km/h and 90 km/h respectively. They cross each other in 12 sec. Find the length (in metres) of each train.

(a) 210

(b) 220

(c) 240

(d) 230

Answer: (c)

5. The Time taken by Anjali to finish a piece of work is four times the time taken by Ron and Three times the time taken by John. If all three of them work together, it takes them 4 days to complete the entire work. How much time Ron alone take to finish the work?

(a) 11 days

(b) 7 days

(c) 6 days

(d) 8 days

Answer: (d)

7. Mohan and Sohan invested Rs.3,000 and Rs.4,000 respectively in a property and after 6 month Sohan withdraws. If in the end of the year their profit is Rs.540, then what is the profit earned by Mohan?

(a) Rs.288

(b) Rs.324

(c) Rs.344

(d) Rs.296

Answer: (b)

8. Seats for Engineering, Management and Science in a University are in the ratio of 7 : 8 : 9. There is a proposal to increase these seats by 20%, 30% and 60% respectively. What will be the ratio of the increased seats?

(a)

$17 : 19 : 21$

(b)

$8 : 9 : 11$

(c)

$21 : 26 : 36$

(d)

$23 : 25 : 27$

Answer: (c)

9. Two trains running in the same direction at 110 km/h and 90 km/h completely pass one another in 54 sec. If the length of the first train is 130 metres, then find the length of the second train.

(a) 165 metre

(b) 180 metre

(c) 160 metre

(d) 170 metre

Answer: (d)

10. A cyclist moving on a circular track of radius 14[illegible] completes one revolution in 2 min. What is the average speed of the cyclist?

(a)

$660 \frac{\text{m}}{\text{min}}$

(b)

$440 \frac{\text{m}}{\text{min}}$

(c)

$880 \frac{\text{m}}{\text{min}}$

(d)

$550 \frac{\text{m}}{\text{min}}$

Answer: (b)

11. Find the mean proportional of 0.75 and 3?

(a) 1.25

(b) 1.5

(c) 1

(d) 2

Answer: (b)

12. If a reduction of 10% in the price of rice enables a person to obtain 22 kg more for ₹250, then the original price of rice per kg is:

(a) ₹2.42

(b) ₹1.62

(c) ₹1.26

(d) ₹1.86

Answer: (c)

13. The HCF and LCM of 2 numbers are 32 and 192. One of the numbers is 64. Find the absolute difference between the numbers.

(a) 16

(b) 8

(c) 24

(d) 32

Answer: (d)

14.

Simplify $6 + [(16 - 4) \div (2^2 + 2)]$.

(a) 4

(b) 8

(c) 6

(d) 2

Answer: (c)

15. The expenses on rice, petrol and oil of a family are in the ratio 8 : 11 : 6. If the prices of these items are increased by 10%, 20% and 30%, respectively, then the total expenses of the family on these items are increased by:

(a) 20.8%

(b) 20.2%

(c) 19.8%

(d) 19.2%

Answer: (d)

16. A school manager decides to build a new school building in 40 days. He employs 100 men in the beginning and 100 men after 35 days and completes the construction within the stipulated time. If he had not employed the additional men, how many days behind schedule would the school building have been completed?

(a) 2 days

(b) 3 days

(c) 4 days

(d) 5 days

Answer: (d)

17. ₹12,000 becomes ₹15,972 in a certain period of time at the rate of 10% per annum on compound interest, compounding annually. Find the period of time.

(a) 1 year

(b) 4 years

(c) 2 years

(d) 3 years

Answer: (d)

18. The marked price of a hair dryer is Rs.10,550. The shopkeeper offers a discount of 18% on it. Find its selling price.

(a) Rs.8,453

(b) Rs.8,651

(c) Rs.8,052

(d) Rs.7,652

Answer: (b)

19. The marked price of a mobile phone was ₹10,000. The shop owner offered 10% discount but on further request by the customer, he sold it at ₹8500 after giving a cash discount. How much is this cash discount in percentage (up to 2 decimal places)?

(a)

6.25%

(b)

5.25%

(c)

6.65%

(d)

5.56%

Answer: (d)

English

1. Fill in the blanks with appropriate homonym.

At a particular _____ of life, the body goes through some unnecessary changes.

(a) Stage (a raised platform)
(b) Plane
(c) Stage (step)
(d) Plain

Answer: (c)

2. Parts of the following sentence have been underlined and given as options. Select the option that contains an error.

Jiten and Hiru loves to eat French fries for lunch.

(a) French fries
(b) loves
(c) lunch
(d) eat

Answer: (b)

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

Blue

(a) Bellow
(b) Blew
(c) Below
(d) Blow

Answer: (b)

4. Select the most appropriate option that can substitute the underlined word in the given sentence.

Mr. Saxena has espoused a child from an orphanage.

(a) adapted
(b) adepted
(c) accepted
(d) adopted

Answer: (d)

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

Accurate

(a) Heist
(b) Proficient
(c) Unreliable
(d) Fiesta

Answer: (c)

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

His seat was the _____ in our row.

(a) farthest
(b) near to
(c) further
(d) far

Answer: (a)

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

Abreviations are not understood by everyone.

(a) Abreviashions
(b) Abbriviations
(c) Abbreviations
(d) Abriviations

Answer: (c)

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

Put forth

(a) Stop
(b) Against
(c) Apply
(d) Conceal

Answer: (d)

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

No one can exterminate poverty from this world.

(a) plant
(b) endure
(c) secure
(d) eradicate

Answer: (d)

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

We had to move slowly through the narrow alley.

(a) Imminent
(b) Dreary
(c) Maximum
(d) Cramped

Answer: (d)

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

We should also learn to trust what he says. After all, he is a reformed person now.

(a) to give someone the benefit of the doubt
(b) to make matters worse
(c) no pain, no gain
(d) to wrap our head around something

Answer: (a)

12. Select the most appropriate option to substitute the underlined segment in the given sentence.

The manager have get hot under the collar when the workers demanded higher wages.

(a) had get under the collar
(b) got hot under the collar
(c) get hot under the collar
(d) will got under the collar

Answer: (b)

13. Select the most appropriate option to substitute the underlined segment in the given sentence.

The bufotoxin present on a toad's skin can irritate you but touching a toad shall not cause you warts.

(a) was not cause
(b) do not cause
(c) has not give
(d) won't give

Answer: (d)

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

Manifest

(a) Apparent
(b) Cryptic
(c) Natural
(d) Concealed

Answer: (a)

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

The minister reached the venue of the programme before time which _____ wonder and awe among the organisers.

(a) strengthened
(b) draped
(c) created
(d) lagged

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.
>
> Maybe you're bored of bananas, apples and grapes and need a fresh produce pick? A nutrient-rich serving of kiwi fruit may be just what you need. A serving of kiwi fruit (2 kiwis) has twice the vitamin C of an orange, (1)_____ potassium as a banana and the fibre of a bowl of whole grain cereal—all for less than 100 calories! The fuzzy fruit is sky-high in both soluble and insoluble fibre, both of which are essential for promoting heart health, (2) _____ digestion and lowering cholesterol levels—that's a winning trifecta. Kiwi fruit has also been considered a 'nutritional all-star,' as Rutgers University researchers found that kiwi fruit has the best nutrient density of 21 commonly consumed fruits. Along with vitamin C, kiwi fruits are rich in many bioactive compounds that have antioxidant capacity to help protect against free radicals, harmful by-products produced in the body. If you want clean energy, think of kiwi fruit because they're rich in magnesium, a nutrient essential to (3) _____ food into energy. A kiwi fruit also doubles as a peeper-keeper by supplying your eyes with protective lutein, a carotenoid that's concentrated in eye tissues and helps protect against harmful free radicals. Kiwi fruit is also (4) _____ with blood pressure-lowering potassium. In fact, a 100-gram serving of kiwi fruit—that's about one large kiwi—provides 15% of the Recommended Daily Allowance (RDA) of potassium. Kiwi fruit has been growing in New Zealand for over 100 years. Once the fruit gained in popularity, other countries started to grow them including Italy, France, Chile, Japan, South Korea and Spain. At first, kiwis were referred to as 'Yang Tao' or 'Chinese Gooseberry,' but the name was (5) _____ changed to kiwi fruit so that everyone would know where the fruit came from.

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

(a) lot of
(b) as much
(c) as much as
(d) much of

Answer: (b)

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

(a) regulating
(b) repressing
(c) taming
(d) constraining

Answer: (a)

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

(a) vary
(b) revise
(c) convert
(d) displace

Answer: (c)

19. Select the most appropriate option to fill in blank number 4.
    (a) burdened
    (b) condensed
    (c) overstuffed
    (d) packed
    Answer: (d)

20. Select the most appropriate option to fill in blank number 5.
    (a) anon
    (b) presently
    (c) ultimately
    (d) directly
    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	**(b)**	2	**(b)**	3	**(b)**	4	**(a)**	5	**(b)**	6	**(d)**	7	**(a)**	8	**(b)**
9	**(c)**	10	**(c)**	11	**(c)**	12	**(c)**	13	**(b)**	14	**(c)**	15	**(b)**	16	**(a)**
17	**(c)**	18	**(c)**	19	**(c)**	20	**(d)**								

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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