PREVIOUS YEAR PAPER

SSC GD Constable — 10 January 2023, Shift 3

SSC GD Constable · 10 January 2023 · 2:30 PM - 3:30 PM

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 10 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-2023-10-jan-shift-3/

General Intelligence and Reasoning

1. In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements. Statements: All fans are bulbs. All bulbs are tube lights. Some tube lights are new. Conclusions:
I. All fans are new.
II. All tube lights are fans.

(a) Only conclusion II follows.

(b) Only conclusion I follows.

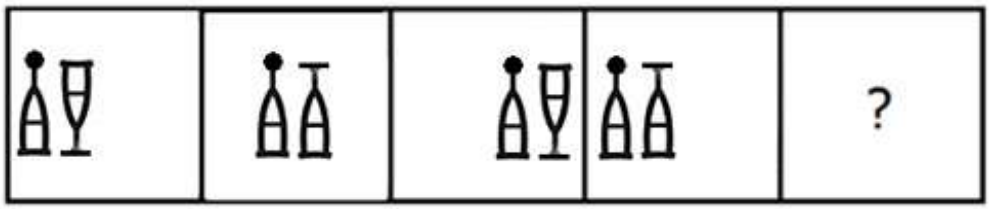
(c) Neither conclusion I nor II follows.

(d) Both conclusions I and II follow.

Answer: (c)

2.

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



(a)



(b)



(c)



(d)



Answer: (a)

3. 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. ROOT : QQTV :: STEM : VGUO :: LEAF : ?

(a) GCNH

(b) GCHN

(c) GDNH

(d) NGCH

Answer: (a)

4. Which letter-cluster will replace the question mark (?) to complete the given series? AJRZ, DMTC, ?, JSXI, MVZL

(a) GRVF

(b) HRVF

(c) HPVF

(d) GPVF

Answer: (d)

5. 'A + B' means 'A is the son of B' 'A – B' means 'A is the sister of B' 'A × B' means 'A is the brother of B' 'A ÷ B' means 'A is the wife of B' If A + B ÷ C × D – E + F, then which of the following statements is NOT correct?

(a) A is the grandson of F.

(b) A is the son of C.

(c) E is the brother of B.

(d) D is the daughter of F.

Answer: (c)

6. In a certain code language, 'FINGER' is written as 'HHPIDT' and 'DESTINY' is written as ' FDUVHPA'. How will 'GRANTED' be written in that language?

(a) ITZPVDF

(b) HTZPVCE

(c) IQCMVDF

(d) HTCOVCE

Answer: (a)

7. Which two signs should be interchanged to make the below equation mathematically correct? 136 ÷ 17 + 102 - 3 × 2 = 187

(a) + and ×

(b) ÷ and ×

(c) × and -

(d) ÷ and -

Answer: (d)

8. Seven people A, H, D, F, T, E, and G are sitting in a straight row, facing north. Only three people sit to the left of E. G and H are immediate neighbours of E. A sits at the extreme right of the row. D is the immediate neighbour of A. F sits second to the left of E. Who sits at the extreme left of the row?

(a) T

(b) D

(c) A

(d) F

Answer: (a)

9. 6 Friends F, U, K, S, M, and A, are sitting around a circular table facing the centre. A and S are immediate neighbours of K. F is sitting opposite to K. S is not a neighbour of F. M is an immediate neighbour of A and F . Who is the immediate neighbour of A and F if M and S exchange their positions?

(a) U
(b) K
(c) S
(d) M

Answer: (c)

10. In a certain code language, 'find a solution' is coded as '418', 'be attentive' is coded as '29' and 'answers are correct' is coded as '737'. How will 'check the question' be coded in that language?

(a) 835
(b) 427
(c) 538
(d) 649

Answer: (c)

11. Select the set in which the numbers are related in the same way as are the numbers of the following set. (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) (, 12, 15) (432, 23, 31)

(a) (304, 14, 24)
(b) (380, 24, 18)
(c) (150, 11, 14)
(d) (484, 16, 32)

Answer: (a)

12. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 Seminar 2 Semolina 3 Senior 4 September 5 Serious

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

Answer: (c)

13. Which of the following numbers will replace the question mark (?) in the given series? 3, 21, 147, ?, 7203

(a) 882
(b) 1323
(c) 1218
(d) 1029

Answer: (d)

14. 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.)
Mumbai : Maharashtra :: Bhopal : ?

(a) Madhya Pradesh
(b) Delhi
(c) Uttar Pradesh
(d) Andhra Pradesh

Answer: (a)

15. Select the number from among the given options that can replace the question mark (?) in the following series. 213, 216, 225, 240, 261, ?

(a) 286
(b) 288
(c) 289
(d) 268

Answer: (b)

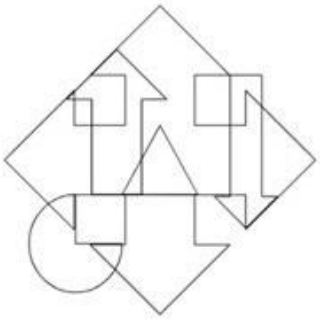
16. Which of the following terms will replace the question mark (?) in the given series? LPKT, NNMR, PLOP, ?, THSL

(a) RJQN
(b) SJQN
(c) SJQO
(d) RIQN

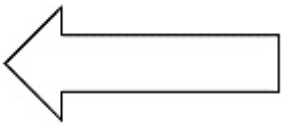
Answer: (a)

17.

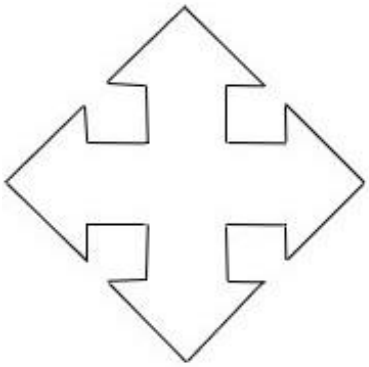
Select the option figure which is embedded in the given figure. (Rotation is NOT allowed)



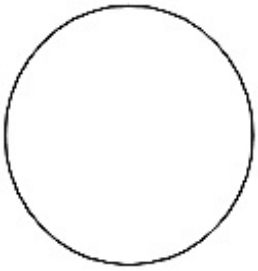
(a)



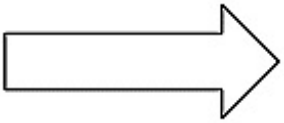
(b)



(c)



(d)



Answer: (b)

18.

Select the correct combination of mathematical signs to replace the * signs and balance the given equation.

89 * 5 * 15 * 32 * 8 * 18

(a)

÷ , + , − , × , =

(b)

× , + , ÷ , − , =

(c)

+ , − , ÷ , × , =

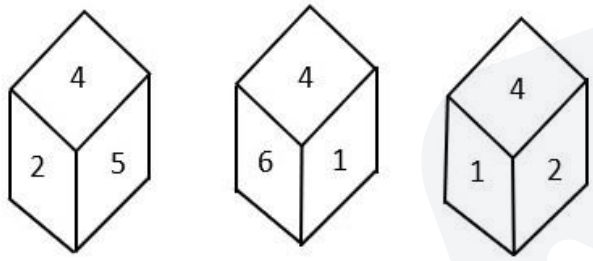
(d)

− , × , + , ÷ , =

Answer: (d)

19.

Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.



(a) 2

(b) 3

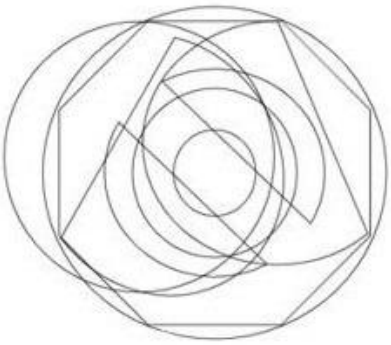
(c) 5

(d) 1

Answer: (b)

20.

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



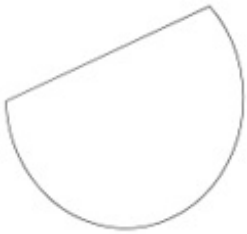
(a)



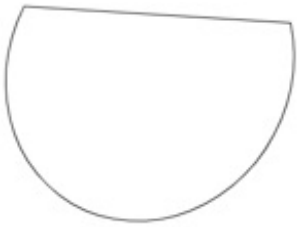
(b)



(c)



(d)



Answer: (b)

General Knowledge and General Awareness

1. In the Indian Constitution 'the abolition of untouchability' provision is mentioned in _____.
   (a) Article 14
   (b) Article 17
   (c) Article 19
   (d) Article 32
   Answer: (b)

2. What is the colour of the flame when magnesium burns in the presence of oxygen?
   (a) Yellow
   (b) Red
   (c) White
   (d) Green
   Answer: (c)

3. Who among the following Gupta rulers was hailed as 'Indian Napoleon' because of his military achievements?
   (a) Chandragupta I
   (b) Chandragupta II
   (c) Srigupta
   (d) Samudragupta
   Answer: (d)

4. E.Krishna Iyer is associated with which form of dance?
   (a) Kathak
   (b) Odissi
   (c) Kuchipudi
   (d) Bharatanatyam
   Answer: (d)

5. In India, the population census is conducted once every _____.
   (a) 5 years
   (b) 12 years
   (c) 10 years
   (d) 15 years
   Answer: (c)

6. Which of the following country is not a part of the Lusofonia Games?
   (a) Portugal
   (b) Germany
   (c) India
   (d) Macau
   Answer: (b)

7. Radio broadcasting started in India in 1923 by the _____.

(a) Radio Club of Bombay
(b) Lions Club of Bombay
(c) Rotary Club of Bombay
(d) Rotaract Club Of Bombay

Answer: (a)

8. Which Article of the Constitution of India talks about Superintendence, direction and control of elections?

(a) Article 324
(b) Article 333
(c) Article 356
(d) Article 367

Answer: (a)

9. As of November 2022, who among the following is the Lieutenant Governor of Delhi, India?

(a) Anil Baijal
(b) Vinai Kumar Saxena
(c) Arvind Kejriwal
(d) Manoj Sinha

Answer: (b)

10. While computing the national income,_____i ken as a factor.

(a) Chemical used
(b) Electricity bill
(c) Export
(d) Road construction

Answer: (c)

11. Which among the following festival marks the menstruation period of the Goddess Kamakhya in Assam?

(a) Moatsu
(b) Chapchar Kut
(c) Wangala
(d) Ambubachi Mela

Answer: (d)

12. The_____ industry covers a wide range of products from transistor sets to television.

(a) fertilizer
(b) canal irrigation
(c) electronics
(d) jute processing

Answer: (c)

13. Three of the following four are examples of Coelenterata phylum, and therefore form a group. Which is the one that does not belong to that group?

(a) Sea-pen
(b) Liver fluke
(c) Brain coral
(d) Sea anemone

Answer: (b)

15. In which of the following places was the Indian Grand Prix-4 held in June 2021?

(a) Ludhiana
(b) Patiala
(c) Amritsar
(d) Jalandhar

Answer: (b)

16. A _____ is a barrier across flowing water that obstructs, directs or retards the flow, often creating a reservoir, lake or impoundment.

(a) meander
(b) dam
(c) tributary
(d) moat

Answer: (b)

17. Who won the Sangeet Natak Akademi Award in F atnatyam in 2018?

(a) Madambi Subramanian Namboodiri
(b) Radha Sridhar
(c) Pasumurthy Ramalinga Sastry
(d) Akham Lakshmi Devi

Answer: (b)

18. Which Union Minister launched the India water pitch-pilot-scale start-up challenge in March 2022?

(a) Kaushal Kishore
(b) D Thara
(c) Manoj Joshi
(d) Hardeep Singh Puri

Answer: (d)

19. Swami Dayanand Saraswati founded the _____, an organisation that attempted to reform Hinduism.

(a) Arya Samaj
(b) Adi Hindu Samaj
(c) Vedant Samaj
(d) Adi Dharam Samaj

Answer: (a)

20. As per RBI, in India, services sector accounted for _____ of the GDP in the 1980s.

(a) 58.6 per cent

(b) 38.6 per cent

(c) 18.6 per cent

(d) 78.6 per cent

Answer: (b)

Elementary Mathematics

1. The value of an article depreciated from ₹18,000 to ₹14,580 in 2 years. Find the yearly rate of depreciation in the value of the article.

(a)

10%

(b)

12%

(c)

9%

(d)

8%

Answer: (a)

2. Ramu and Mohan can separately complete a work in 10 hours and 16 hours, respectively. After working for 2 hours together, Mohan leaves the work. In how many hours will Ramu finish the remaining work?

(a)

$6\frac{1}{4}$

(b)

$6\frac{3}{4}$

(c)

$5\frac{3}{4}$

(d)

$7\frac{3}{4}$

Answer: (b)

3. A car covers a certain distance in 3 h with a speed of 108 km/h. If the speed is reduced by 27 km/h, then the time taken by the car to cover the same distance will be:

(a)

$2\frac{1}{2}\,\text{h}$

(b)

$2\,\text{h}$

(c)

$3\frac{1}{2}\,\text{h}$

(d)

$4\,\text{h}$

Answer: (d)

4. Rahul travels a certain distance at a speed of 4 km/h and returns at a speed of 3 km/h via same route. What was his average speed for the entire journey (correct to 2 decimal places)?

(a) 3.43 km/h

(b) 5.92 km/h

(c) 1.23 km/h

(d) 2.5 km/h

Answer: (a)

5. Rohan divides his complete journey in th[illegible] equ[illegible]parts and covers the first part at a speed of 30 km/h, the second part at 40 km/h and the las[illegible] 50 km/h with his car. What is the average speed (in km/h) of his car during his entire journey?

(a)

$38\frac{14}{47}$

(b)

$35\frac{14}{47}$

(c)

40

(d)

45

Answer: (a)

6. A can do a piece of work in 8 days and B in 24 days. They begin together, but 4 days before the completion of the work, A leaves. Find the number of days taken by A and B to complete the entire work.

(a) 11 days

(b) 8 days

(c) 9 days

(d) 7 days

Answer: (c)

7. A thief started his journey at a speed of 60 km/h. After 30 minutes, police started from the same place but at a speed of 80 km/h. How much time (in hours) will the police take to catch the thief?

(a) $\frac{3}{2}$ hours

(b) $\frac{1}{2}$ hours

(c) $\frac{1}{3}$ hours

(d) $\frac{5}{2}$ hours

Answer: (a)

8. What is the difference between the compound interest on Rs.5,750 for one year at 16% per annum compounded yearly and compounded half-yearly?

(a) Rs.49.76

(b) Rs.36.80

(c) Rs.29.50

(d) Rs.32.58

Answer: (b)

9.

Evaluate the following expression.

$$[\frac{-4}{7} \div \frac{1}{12}] \div [-\frac{4}{5} \times \{(-2) - (-\frac{2}{7})\}]$$

(a)

-5

(b)

$-\frac{1}{5}$

(c)

$\frac{1}{5}$

(d)

5

Answer: (a)

10. The volumes of two cones are in the ratio of 3 : 2 a their radii are in the ratio 3 : 4. The ratio of their heights is:

(a) 8:3

(b) 9:4

(c) 4:9

(d) 2:1

Answer: (a)

11. In an election, there were two candidates A and B. The total number of voters in the constituency was 90000 and 70% of the total votes were polled. If 60% of the polled votes were cast in favour of A, how many votes were received by B?

(a) 28500

(b) 25200

(c) 28700

(d) 28600

Answer: (b)

13. The ratio of milk and water in two containers of 20 litres and 36 litres are in the ratio 3 :7 and 7 : 5, respectively. What will be the ratio of milk and water if the two containers are mixed together?

(a) 9 : 13

(b) 27 : 29

(c) 21 : 23

(d) 21 : 25

Answer: (b)

14. The square of 28 is divided by the largest number that can exactly divide both 42 and 56. What is the result?

(a) 28
(b) 14
(c) 42
(d) 56

Answer: (d)

15. A table whose marked price ₹ 300 is sold at two successive discounts of 20% and 10%. If in addition, a discount of 5% is offered on cash payment, then the cash price for the table is:

(a)
₹210.25
(b)
₹216.50
(c)
₹240.25
(d)
₹205.20

Answer: (d)

16. The price of petrol is raised to Rs.96.5 per litre fror `s.92 per litre. What is the percentage increase in price of petrol?

(a) 4.5%
(b) 4.7%
(c) 4.9%
(d) 5.1%

Answer: (c)

17. The third proportional to 24 and 36 is:

(a) 45
(b) 64
(c) 54
(d) 46

Answer: (c)

18. Under a discount scheme, after allowing a discount of 20%, there is still a gain of 10%. The marked price is what percentage more than the cost price?

(a) 39%
(b) 37.5%
(c) 40%
(d) 35.2%

Answer: (b)

20. A man sold two chairs for Rs.475 each, gaining 25% on one and losing 20% on the other. Had he sold the two chairs for Rs.575 each, what would have been his gain/loss percentage (rounded off to the nearest integer)?

(a) 45% gain
(b) 18% gain
(c) 41% gain
(d) 25% loss

Answer: (b)

English

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

We would _____to travel by train rather than bus due to the poor road conditions in the village.

(a) prefer
(b) assure
(c) make it
(d) drop

Answer: (a)

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

The participants are rehearse their roles.

(a) are rehearsed
(b) has been rehearsing
(c) have rehearse
(d) are rehearsing

Answer: (d)

3. Select the option with the correct spelling to replace the underlined word in the given sentence.

She hit him in a moment of abomination.

(a) aberation
(b) abberation
(c) aberattion
(d) aberration

Answer: (d)

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

Anxious

(a) Considerate
(b) Unconcerned
(c) Stealthy
(d) Haughty

Answer: (b)

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

Music is a therapy for everyone – plants, birds, animals and human-beings – to flourish and rejuvenate.

(a) modify
(b) prosper
(c) refreshen
(d) fortify

Answer: (c)

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

After one's own heart

(a) Having a face as one's own
(b) Having likes and dislikes dissimilar to one's o
(c) Having likes and dislikes far to one's own
(d) Having likes and dislikes similar to one

Answer: (d)

8. 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. Our soldiers have being / making a clean sweep of the / sheep and poultry on the route.

(a) No error
(b) sheep and poultry on the route
(c) Our soldiers have being
(d) making a clean sweep of the

Answer: (c)

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

_____ men command respect.

(a) Holy
(b) Holey
(c) Holly
(d) Wholly

Answer: (a)

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

Sumptuous

(a) Mammoth
(b) Humble
(c) Minuscule
(d) Lavish

Answer: (d)

12. Select the most appropriate idiom to substitute the underlined group of words in the given sentence.

Once in a year, the management of the institute surveys the whole situation.

(a) take stock of
(b) perplexed with
(c) makes a mark
(d) comes to the front

Answer: (a)

13. Select the correct pair of words for the blanks in the given sentence.

My cousin likes _____ root and _____ around the b[illegible]h is one of the idioms in English.

(a) beat; beat
(b) beat; beet
(c) beet; beat
(d) beet; beet

Answer: (c)

14. Select the most appropriate homonym to fill in the blank. He confessed about his affairs as the _____ made him sleepless.

(a) guilt
(b) gilled
(c) gild
(d) guild

Answer: (a)

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

The students were boring by the lecture delivered on environmental issues.

(a) The students were bores
(b) The students bored
(c) The students were barring
(d) The students were bored

Answer: (d)

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.
>
> Children especially (1)_____ avoid such foods or try to reduce intake and instead, eat healthy food for (2)____ growth. Schools can (3) _____ the quality of the food being sold in the canteens and also ensure that the children bring wholesome nutrition food (4)_____ home. (5)_____ should be appointed to check the calories content and food value of food served in the canteens and setting definite tiffin patterns.

16. Select the most appropriate option to fill in blank number 1.
    (a) might
    (b) will
    (c) should
    (d) shall
    Answer: (c)

17. Select the most appropriate option to fill in blank number 2.
    (a) elegant
    (b) proper
    (c) interesting
    (d) awkward
    Answer: (b)

18. Select the most appropriate option to fill in blank number 3.
    (a) allow
    (b) show
    (c) proclaim
    (d) monitor
    Answer: (d)

19. Select the most appropriate option to fill in blank number 4.
    (a) through
    (b) with
    (c) from
    (d) in
    Answer: (c)

20. Select the most appropriate option to fill in blank number 5.
    (a) Technicians
    (b) Dieticians
    (c) Paediatricians
    (d) Opticians
    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	**(a)**	4	**(d)**	5	**(c)**	6	**(a)**	7	**(d)**	8	**(a)**
9	**(c)**	10	**(c)**	11	**(a)**	12	**(c)**	13	**(d)**	14	**(a)**	15	**(b)**	16	**(a)**
17	**(b)**	18	**(d)**	19	**(b)**	20	**(b)**								

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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