PREVIOUS YEAR PAPER

SSC GD Constable — 11 January 2023, Shift 3

SSC GD Constable · 11 January 2023 · 2:30 PM - 3:30 PM

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

Left out of the original paper: 1 (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, 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-2023-11-jan-shift-3/

General Intelligence and Reasoning

1. Which of the following numbers will replace the question mark (?) in the given series? 19, 21, 25, 33, ?, 81, 145

(a) 47

(b) 49

(c) 50

(d) 48

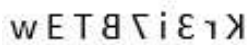
Answer: (b)

2.

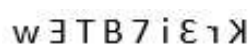
Select the correct mirror image of the given figure when the ror is placed at MN as shown below.



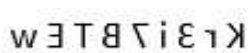
(a)



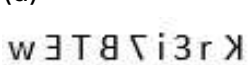
(b)



(c)



(d)



Answer: (c)

3. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. BQZJ, ELCM, HGFP, ? , NWLV

(a) EDGA

(b) EBSI

(c) KCUD

(d) KBIS

Answer: (d)

4. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. 30 * 95 * 5 * 32 * 4 * 497

(a) +, ×, –, =, ÷

(b) ×, +, –, ÷, =

(c) +, ×, ÷, –, =

(d) +, ×, –, ÷, =

Answer: (d)

5. Which letter-cluster will replace the question mark (?) to complete the given series? ZTQM, YSPL, ?, WQNJ, VPMI

(a) XROK

(b) XRPK

(c) XSPK

(d) XSOK

Answer: (a)

6. Which two signs should be interchanged to make the below equation mathematically correct? 24 + 120 ÷ 8 × 16 – 48 = 36

(a) ÷ and ×

(b) × and –

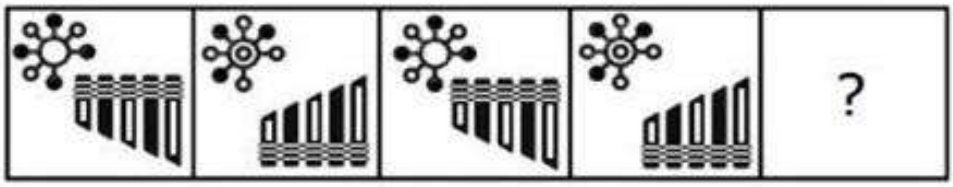
(c) – and +

(d) ÷ and –

Answer: (a)

7.

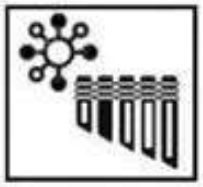
Select the figure that will come next in the following series.



(a)



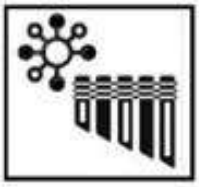
(b)



(c)



(d)



Answer: (d)

8. Select the number from among the given options that can replace the question mark (?) in the following series. 7, 13, 28, 55, 112, ?

(a) 223

(b) 222

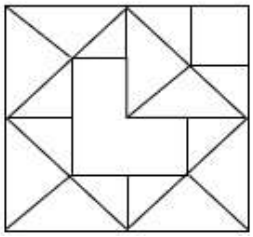
(c) 322

(d) 232

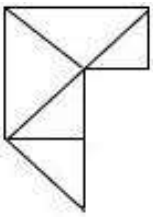
Answer: (a)

9.

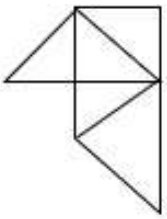
Select the option figure that is embedded in the given figure (rotation is NOT allowed).



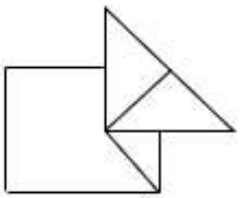
(a)



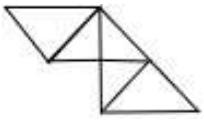
(b)



(c)



(d)



Answer: (a)

10. Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term. 8 : 6 :: ? : 12 :: 343 : 21

(a) 64

(b) 27

(c) 84

(d) 72

Answer: (a)

11. Six students are sitting around a circular table facing the centre. Vendyll is sitting fourth to the right of Leander. Michael is sitting third to the right of Vendyll. Gandhar is sitting second to the left of Michael. Yogita is sitting third to the right of Gandhar. Rocky is the immediate neighbour of Vendyll and Yogita. Who is sitting between Leander and Vendyll?

(a) Rocky
(b) Gandhar
(c) Yogita
(d) Michael

Answer: (b)

12. 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)
Drum : Percussion :: Guitar : _____

(a) Wind
(b) String
(c) Sitar
(d) Flute

Answer: (b)

13. In a certain code language, 'COVER' is written as '18522153' and 'STINK' is written as '111492019'. How will 'PLATE' be written in that language?

(a) 52011216
(b) 16121195
(c) 68541264
(d) 56841525

Answer: (a)

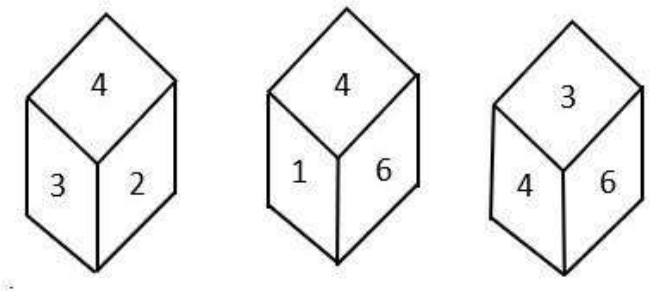
14. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
Sharp : blunt :: Dim : ?

(a) Sight
(b) Dark
(c) Light
(d) Bright

Answer: (d)

15.

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



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

Answer: (b)

16. Which option represents the correct order of the given words as they would appear in the English dictionary? 1 chair 2 chain 3 charm 4 charge 5 charcoal

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

Answer: (a)

17. 'A @ B' means 'A is the son of B' 'A & B' me[illegible]s the mother of B' 'A # B' means 'A is the daughter of B' Which of the following options means 'Q is the wife of S'?

(a) P @ Q & R # S
(b) R @ S @ Q # P
(c) R @ S & Q # P
(d) P # Q @ R # S

Answer: (a)

18. 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: No coats are pants. All pants are shirts. Some shirts are coats. Conclusions:
I. No coats are shirts.
II. Some shirts are pants.
III. Some pants are coats.

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

Answer: (c)

19. In a certain code language, 'RESPECT' is written as 'EECPRST', 'HONOUR' is written as 'OOUHNR', how will 'COURAGE' be written as in that language?

(a) AEOUCRG
(b) AEOUCGR
(c) CGRAEOU
(d) CRGAEOU

Answer: (b)

20. Six persons Hema, Rekha, Jaya, Sushma, Nimmi and Barkha are sitting in a row facing north. Barkha is not sitting beside Jaya and jaya is sitting at the extreme right. Only Hema is sitting between Nimmi and Barkha. Nimmi is not sitting beside Sushma and Jaya. Only Rekha is sitting between Sushma and Jaya. Who is sitting to the immediate right of Barkha?

(a) Jaya
(b) Hema
(c) Sushma
(d) Nimmi

Answer: (c)

General Knowledge and General Awareness

1. The Council of States also known as _____.

(a) High Court
(b) Lok Sabha
(c) Supreme Court
(d) Rajya Sabha

Answer: (d)

2. Which university was established in 1857?

(a) University of Bombay
(b) University of Bundelkhand
(c) University of Punjab
(d) University of Allahabad

Answer: (a)

3. Who among the following founded the Shunga dynasty?

(a) Pushyamitra
(b) Devabhuti
(c) Agnimitra
(d) Vasumitra

Answer: (a)

4. In India, the workforce population does NOT include people of _____.

(a) 16 years
(b) 20 years
(c) 17 years
(d) 14 years

Answer: (d)

5. As per Consumer Protection Rules, 2021, District Commissions shall have jurisdiction to entertain complaints where the value of the goods or services paid as consideration _____.

(a) does not exceed ten lakh rupees
(b) exceeds one crore rupees
(c) does not exceed fifty lakh rupees
(d) does not exceed one lakh rupees

Answer: (c)

6. Who has been appointed to the post of Executive Director for India at the International Monetary Fund (IMF) as announced in August 2022??

(a) Rajesh Sharma
(b) Gita Gopinath
(c) Ramesh Chand
(d) Krishnamurthy Subramanian

Answer: (d)

7. How many Fundamental Duties are mentioned in t Indian constitution? (As on May 2022)

(a) 9
(b) 10
(c) 11
(d) 8

Answer: (c)

8. Rasheswar Saikia Barbayan is related with _____ dance.

(a) Kuchipudi
(b) Odissi
(c) Sattriya
(d) Bharatnatyam

Answer: (c)

9. Which non-conventional energy source is/are available in India?

(a) tidal, wind and solar energy
(b) only solar energy
(c) only solar and wind energy
(d) only tidal energy

Answer: (a)

10. Who among the following is the founder of the Grameen Bank of Bangladesh?

(a) Abdus Salam
(b) Muhammad Yunus
(c) Muzaffar Ahmed
(d) Mahbub ul Haq

Answer: (b)

11. The chemical name of the acid present in vinegar is called _____.

(a) nitric acid
(b) acetic acid
(c) formic acid
(d) malonic acid

Answer: (b)

12. The hot weather season is also the season for localised thunderstorms, associated with violent winds, torrential downpours, often accompanied by hail. In West Bengal, these storms are known as the _____.

(a) Mahawat
(b) Tahiti
(c) Loo
(d) Kaal baisakhi

Answer: (d)

13. Which political leader from Jammu and Kashmir ıia started a 3-day visit to Kishtwar-Doda belt in November 2022?

(a) Mehbooba Mufti
(b) Farooq Abdullah
(c) Ghulam Nabi Azad
(d) Tariq Hameed Karra

Answer: (c)

14. _____ ≡ Sum total of gross value added of all the firms in the economy

(a) NI
(b) GDP
(c) GNP
(d) NNP

Answer: (b)

15. The South Asian Games was first held in which year?

(a) 1990
(b) 1988
(c) 1985
(d) 1984

Answer: (d)

16. Thrissur Pooram festival It is celebrated in which of the following states?

(a) Karnataka
(b) Kerala
(c) Andhra Pradesh
(d) Tamil Nadu

Answer: (b)

17. Vitamin C is an _____.

(a) antioxidant
(b) antibiotic
(c) antigen
(d) antivirus

Answer: (a)

18. The horizontal rows of squares in chess are called _____.

(a) ranks
(b) pawns
(c) bishops
(d) files

Answer: (a)

19. Which of the following can be considered as a ma[illegible]nub of Information Technology industry in India?

(a) Surat
(b) Bengaluru
(c) Bhopal
(d) Kashmir

Answer: (b)

20. Grida folk dance is performed in the state of Madhya Pradesh during _____ when the rabi crop is ready to be harvested.

(a) winter
(b) autumn
(c) summer
(d) spring

Answer: (a)

Elementary Mathematics

1. Find the mean proportional between 3 and 27.

(a) 5
(b) 9
(c) 10
(d) 6

Answer: (b)

2. In a library, 25% of the number of mathematics books is equal to two-third of the number of physics books. What is the ratio of the number of mathematics books to that of the physics books in the library?

(a)
$4:7$

(b)
$8:3$

(c)
$7:4$

(d)
$3:8$

Answer: (b)

3. A thief steals a car at 3:30 p.m. and drives it at 80km/h. The theft is discovered at 4:00 p.m. and the owner sets off in another car at 90km/h. When will he catch the thief?

(a) 8:00 p.m.
(b) 8:30 p.m.
(c) 7:30 p.m.
(d) 7:00 p.m.

Answer: (a)

4. The average age of 14 students and their teacher is 20 years. If the teacher is excluded, then their average age reduces by 1.5 years. The teacher's age is:

(a) 41 years
(b) 30 years
(c) 39 years
(d) 59 years

Answer: (a)

5. The HCF of 1020, 850 and 1156 is:

(a) 28
(b) 24
(c) 34
(d) 22

Answer: (c)

6. How much time does Rani take to cover a distance of 200 m, if she runs at a speed of 15 km/h?

(a) 12 sec
(b) 24 sec
(c) 36 sec
(d) 48 sec

Answer: (d)

7. Aman covers a distance of 15 km in 3 hours and a distance of 20 km in 2 hours. What is the average speed of Aman?

(a) 5 km/h

(b) 8 km/h

(c) 7 km/h

(d) 6 km/h

Answer: (c)

8. S can complete a task in 50 days, T can complete it in 40 days and M can complete it in 30 days. S can work on all days of the week; T can work only on Monday, Wednesday, and Friday while M can work only on Saturday and Sunday. The work is started on Monday. In how many weeks it will be completed?

(a) Between 4 to 5 weeks

(b) Exactly 3 weeks

(c) Between 3 to 4 weeks

(d) Between 2 to 3 weeks

Answer: (c)

9.

The radius of the base of a right circular cone is 7 cm and its curved surface area is 550 cm^2. The volume of the cone is:

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

(a) 1223 cm^3

(b) 1233 cm^3

(c) 1322 cm^3

(d) 1232 cm^3

Answer: (d)

10. A bat is bought for Rs.750 and sold at a loss of 8%. What is its selling price?

(a) Rs.660

(b) Rs.680

(c) Rs.630

(d) Rs.690

Answer: (d)

11. Successive discounts of 13 percent and 19 percent are equivalent to a single discount of :

(a) 9.53 percent

(b) 39.53 percent

(c) 29.53 percent

(d) 19.53 percent

Answer: (c)

12. A shopkeeper offers a 20% discount on all garments and offers a further discount of 5% to those customers who pay cash. What does a customer have to pay in cash for a jacket whose marked price is ₹7,200?

(a)
₹6,972

(b)
₹5,760

(c)
₹5,472

(d)
₹6,048

Answer: (c)

13.
A hemispherical bowl made of brass has an inner diameter of 14 cm. Find the cost of painting it from the inside at the rate of ₹15 per cm^2. $\left(\text{Use } \pi = \frac{22}{7}\right)$

(a)
₹4,120

(b)
₹3,170

(c)
₹4,620

(d)
₹2,670

Answer: (c)

14. The ratio of the cost price to the marked price of a table is 3:4. The shopkeeper gives two equal successive discounts of 25% on the marked price and sells the table for Rs.2,250. Find the loss during this transaction.

(a) Rs.1,000
(b) Rs.750
(c) Rs.500
(d) Rs.250

Answer: (b)

15. Divide the LCM of the 35 and 42 by the HCF of 32 and 40.

(a) 26.375
(b) 26.125
(c) 26.000
(d) 26.250

Answer: (d)

16. Find the mean proportional between 9 and 25.

(a) 26
(b) 15
(c) 17
(d) 23

Answer: (b)

17. In how many years will Rs.12,500 become Rs.21,600 at the rate of 20% per annum on compound interest when interest is compounding annually?

(a) 2
(b) 7
(c) 5
(d) 3

Answer: (d)

18. Under simple rate of growth, the population (P ur of a city becomes 1.5 times of P in 10 years. In how many years, the population of the city would come double (2 times P) under the same growth rate?

(a) 20
(b) 15
(c) 17
(d) 12

Answer: (a)

19. During the first year, the population of a city increased by 5% and during the second year, it diminished by 4%. At the end of the second year, its population was 30,240. The population at the end of the first year was:

(a) 30000
(b) 30300
(c) 31500
(d) 31200

Answer: (c)

20. Bhanu can do a work in 10 days. Ramesh takes 12 days to complete it. Rohit takes as long as Bhanu and Ramesh would take working together. How long will it take Ramesh and Rohit to complete the work together?

(a) $3\frac{3}{8}$ days

(b) $3\frac{3}{7}$ days

(c) $3\frac{3}{4}$ days

(d) $3\frac{3}{5}$ days

Answer: (c)

English

1. Select the most appropriate option to fill in the blank with the synonym of the underlined word.

The film was a funny adaption of an old classic. The ____ depiction was well received by the audience.

(a) humorous
(b) trendy
(c) nervous
(d) tropical

Answer: (a)

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

Apparent

(a) Obvious
(b) Actual
(c) Evident
(d) Hidden

Answer: (d)

3. Select the most appropriate ANTONYM of the word given in the brackets to fill in the blank.

She is a direct _____ (ancestor) of Queen Victoria.

(a) descendant
(b) primogenitor
(c) antecedent
(d) forerunner

Answer: (a)

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

Steal someone's thunder

(a) To follow a successful person's instructions
(b) To imitate others
(c) To take the credit for something someone else did
(d) To find it difficult to choose between two alternatives

Answer: (c)

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

Conviction

(a) Approach
(b) Suspicion
(c) Doubt
(d) Belief

Answer: (d)

6. Select the option that can be used as a one-word substitute for the underlined group of words.

Johnson wrote a drama in which he discusses the study of chemistry in a medieval fashion.

(a) Rhetoric
(b) Lexicography
(c) Alchemy
(d) Anthropology

Answer: (c)

7. Select the INCORRECTLY spelt word.

(a) Curiculum
(b) Enthusiastic
(c) Explanation
(d) Height

Answer: (a)

8. Select the most appropriate option that can substitute the underlined word in the given sentence. If there is no need to substitute it, select 'No substitution required'. The talk was not understandable .

(a) No substitution required
(b) comprehensible
(c) comprehended
(d) comprehensive

Answer: (a)

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

Jharkhand is a major _____ producing state in India whereas the union territory of Jammu & Kashmir is a _____ place.

(a) cold; coal
(b) coal; coal
(c) cold; cold
(d) coal; cold

Answer: (d)

11. Select the most appropriate option to fill in the blank. William couldn't stop _____ against the comments of the officer.

(a) reacting
(b) opening
(c) responding
(d) starting

Answer: (a)

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

Just

(a) Unfair
(b) Gullible
(c) Honest
(d) Jovial

Answer: (a)

13. 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 technician has found it / extremely difficult to fix / the error in the programme.

(a) The technician has found it
(b) No error
(c) the error in the programme
(d) extremely difficult to fix

Answer: (b)

14. Select the most appropriate synonym of the underlined word in the following sentence.

He and his family members live in prosperity.

(a) Poverty
(b) Richness
(c) Loft
(d) Hardship

Answer: (b)

15. 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'.

They found it difficult to extract relevent information from the officer.

(a) No substitution
(b) relevint
(c) relevant
(d) relivant

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.
>
> Why does a person become overconfident? The reas es in over assessment of his capabilities. Sometimes people over assess their (1) _____ and np into situations that are beyond their control. Napoleon Bonaparte who became Emperor of Fran would say that the word 'impossible' was common only (2) _____ fools. The overco t poleon invaded Russia in the winter of 1812. This proved to be a big disaster. Overconfidence ge y (3) _____ people into misadventures, endangering their chances in life. It is wisely said that any achievement is a result of two factors – one's personal planning and support from the external world. People take into account only their planning, generally ignoring external factors. As a result they are unable to (4) _____ future developments. Hence, a great risk of failure. Then there is the question: how can one manage overconfidence? The formula is very simple. Before making a decision, discuss the matter with other informed people with an objective mind and when it is proved that you are about to go off the path, accept reality and say without delay, "I was wrong". Overconfidence is a (5) _____ characterising people who lack the virtue of modesty. Modesty makes you a realist; you become a person who is cut down to size. People of this kind become very cautious; before taking an action they assess the whole situation. They adopt a realistic approach.

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

(a) liability
(b) competence
(c) fidelity
(d) endowment

Answer: (b)

17. Select the most appropriate option to fill in blank number 2.
    (a) betwixt
    (b) amongst
    (c) mid
    (d) through
    Answer: (b)

18. Select the most appropriate option to fill in blank number 3.
    (a) convoys
    (b) leads
    (c) manages
    (d) attends
    Answer: (b)

19. Select the most appropriate option to fill in blank number 4.
    (a) look
    (b) foresee
    (c) divine
    (d) alert
    Answer: (b)

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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