PREVIOUS YEAR PAPER

SSC GD Constable — 11 January 2023, Shift 2

SSC GD Constable · 11 January 2023 · 11:45 AM - 12:45 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 11 January 2023, 11:45 AM - 12:45 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-2/

General Intelligence and Reasoning

1. 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. MUZHIK : KVXIGI :: QUACKY : OVYDIW :: ZEBECK : ?

(a) IAFZFX
(b) XFFZAI
(c) XFZFAI
(d) XAIFZF

Answer: (c)

2. In a certain code language, 'CLUTCH' is written as 'AXXHN' and 'CREDIT' is written as 'DTHHNZ'. How will 'WALLET' be written in that language?

(a) XOCPJZ
(b) XCOPJZ
(c) XCPOJZ
(d) XCOJPZ

Answer: (b)

3. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. HS, PK, XC, FU, ?

(a) PM
(b) PN
(c) NM
(d) MN

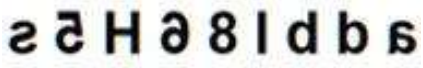
Answer: (c)

4.

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



(a)



(b)



(c)



(d)



Answer: (a)

5. In a certain code language, 'COMBAT' is written a[illegible]NPDVCD' and 'CREATE' is written as 'FSDGVC'. How will 'CREDIT' be written as in that l[illegible]uage?

(a) ERCVKF

(b) FSDVKF

(c) ERCTID

(d) TIDERC

Answer: (b)

6. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. PURVEY
2. PURSE
3. PURPLE
4. PURELY
5. PUTTER
6. PUSTULE

(a) 3, 4, 2, 1, 6, 5

(b) 3, 4, 2, 1, 5, 6

(c) 4, 3, 2, 1, 6, 5

(d) 6, 5, 4, 3, 2, 1

Answer: (c)

7. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation. 14 * 1 * 15 * 75 * 21 = 30

(a) ÷, −, +, ×

(b) ×, ÷, +, −

(c) −, ×, +, ÷

(d) −, ÷, ×, +

Answer: (d)

8. Which of the following numbers will replace the question mark (?) in the given series? 5, 11, 23, 47, 95, ?

(a) 196

(b) 191

(c) 161

(d) 181

Answer: (b)

9. 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 cans are dogs. Some dogs are rats. Some rats are apples. Conclusions:
I. No cans are dogs.
II. Some rats are not dogs.
III. Some apples are rats.

(a) Only conclusion III follows.

(b) None of the conclusions follow.

(c) Only conclusion II follows.

(d) Only conclusion I follows

Answer: (a)

10. Eight people, A, B, C, D, E, F, G and H are sitting in a straight line, facing north. Only three people sit to the left of A. B sits third to the right of A. Only four people sit between B and D. F sits to the immediate right of G. C does not sit at any of the extreme ends of the line. E sits at one of the positions to the right of H. How many people sit between H and A?

(a) None

(b) Three

(c) One

(d) Two

Answer: (d)

11. 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. DGS : PEC :: NST : QQM :: EHK : ?

(a) HJF

(b) JFB

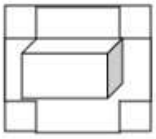
(c) NFD

(d) HFD

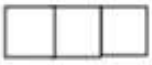
Answer: (d)

12.

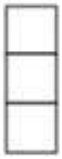
Select the option that is embedded in the given figure (rotation is NOT allowed).



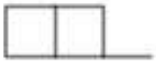
(a)



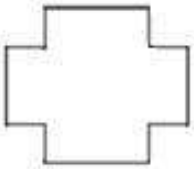
(b)



(c)



(d)



Answer: (d)

13. Which of the following terms will replace the question mark (?) in the given series? QCSD, ?, WGQZ, ZIPX, CKOV

(a) ERTB

(b) BTER

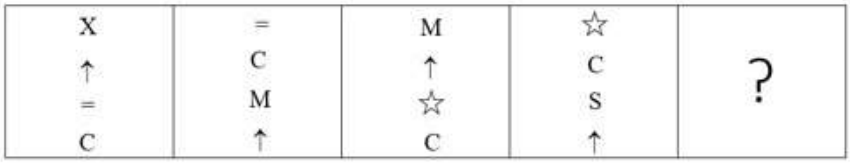
(c) RETB

(d) TERB

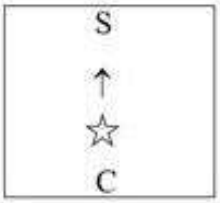
Answer: (d)

14.

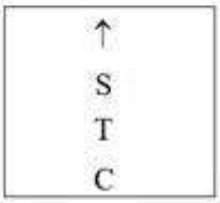
Select the figure from among the given options that can replace the question mark (?) in the following series.



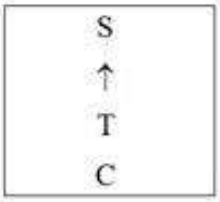
(a)



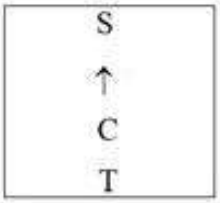
(b)



(c)



(d)



Answer: (c)

15. 'P % Q' means 'P is the brother of Q'. 'P + Q' means 'P is the daughter of Q'. 'P = Q' means 'P is the son of Q'. 'P # Q' means 'P is the wife of Q'. If A + B % C = D # F, how is F related to A?

(a) Father's brother's wife

(b) Father's brother

(c) Father's father

(d) Mother's mother

Answer: (c)

16. Which two signs should be interchanged to make the below equation mathematically correct? 54 × 8 – 48 ÷ 12 + 27 = 24

(a) – and +

(b) ÷ and –

(c) + and ×

(d) + and ÷

Answer: (b)

17. 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) (6, 135, 9) (13, 261, 16)

(a) (7, 216, 17)

(b) (9, 190, 13)

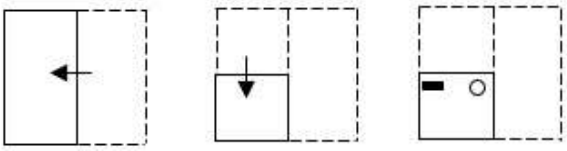
(c) (9, 224, 19)

(d) (11, 249, 16)

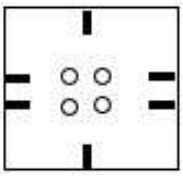
Answer: (a)

18.

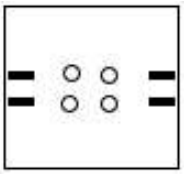
A paper is folded and cut as shown below. How will it appear when unfolded?



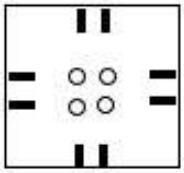
(a)



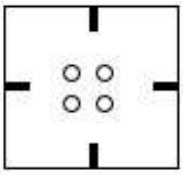
(b)



(c)



(d)



Answer: (b)

19. Which of the following options will replace the question mark (?) in the given series? 416, 341, 276, ?, 176, 141, 116

(a) 196

(b) 221

(c) 211

(d) 201

Answer: (b)

20. Eight people are sitting in two parallel rows with 4 people each, in such a way that there is equal distance between adjacent persons and people of one row are facing the people of other row. In Row I – 6, 7, 8 and 9 are seated and all of them are facing south. In Row II – 1, 2, 3 and 4 are seated and all of them are facing north. 9 sits next to the person at the extreme left end of their row and is exactly opposite 4. 3 sits at the extreme left end of their row and 2 is his immediate neighbour. Who sits at the extreme right end of the row facing North?

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

Answer: (d)

General Knowledge and General Awareness

1. Who among the following personalities has won the Padma Shri for her contributions in Kathakali dance form in the year 2019?

(a) Geeta Kapoor
(b) Vaibhavi Merchant
(c) Shovana Narayan
(d) Milena Salvini

Answer: (d)

2. Cow Dung is used in agriculture as a _____.

(a) organic fertilizer
(b) inorganic fertilizer
(c) chemical fertilizer
(d) waste product

Answer: (a)

3. In which city is the cricket stadium M Chinnaswamy located?

(a) Delhi
(b) Kolkata
(c) Bengaluru
(d) Mumbai

Answer: (c)

4. In which of the following Parts of the Constitution of India are Fundamental Rights embodied?

(a) IV
(b) I
(c) III
(d) II

Answer: (c)

5. Who among the following became Member of Legislative Assembly from Khairagarh, Chhattisgarh in India, in April 2022?

(a) Musafir Paswan
(b) Bandhu Tirkey
(c) Yashoda Verma
(d) Manoj Singh Mandavi

Answer: (c)

6. Prime Minister Narendra Modi launched the Jal Jeevan Mission in _____.

(a) 2022
(b) 2019
(c) 2018
(d) 2014

Answer: (b)

7. On which festival does people of North India worship goddess Lakshmi and lord Ganesha together?

(a) Dussehra
(b) Janmashtami
(c) Holi
(d) Diwali

Answer: (d)

8. Which means of transport is now being used to t sfer crude oil, petroleum products and natural gas?

(a) bus
(b) pipelines
(c) cable
(d) airways

Answer: (b)

9. Which waterway connects the Atlantic Ocean with the Pacific Ocean?

(a) Suez Canal
(b) Kiel Canal
(c) Volga-Don Canal
(d) Panama Canal

Answer: (d)

10. Which dancing legend was the youngest recipient of Padma Bhushan in 1992?

(a) Anuradha Pandey
(b) Sonal Mansingh
(c) Uday Shankar
(d) Pandit Birju Maharaj

Answer: (b)

11. According to the Article 243 of the Constitution of India, _____ means an institution of self-government constituted under article 243B, for the rural areas.

(a) Gram Sabha
(b) Municipal Committee
(c) Panchayat
(d) Municipal Corporation

Answer: (c)

12. Lakshya Sen is a player of which sport?

(a) Badminton
(b) Table Tennis
(c) Cricket
(d) Kabbadi

Answer: (a)

13. What best describes bulimia?

(a) eating disorder
(b) neurodevelopmental disorder
(c) bipolar disorder
(d) anxiety disorder

Answer: (a)

14. Prior to the country's independence, India was particularly known for its _____ industries.

(a) Flower
(b) Spices
(c) Metal
(d) Handicraft

Answer: (d)

15. Which of the following organisations conducts the sample surveys for calculating poverty line in India?

(a) Ministry of Finance
(b) RBI
(c) CSO
(d) NSSO

Answer: (d)

16. Who has been appointed as the Director General of National Investigation Agency by the Appointments Committee of the Cabinet (ACC) in June 2022?

(a) Aamir Subhami
(b) Arun Mishra
(c) Naresh Kumar
(d) Dinkar Gupta

Answer: (d)

17. India accounts for how much of total world's surface area?

(a) 2.8%

(b) 3.9%

(c) 4.2%

(d) 2.4%

Answer: (d)

18. _____ spent a lot of time at Harshavardhana's court and left a detailed account of what he saw.

(a) Xuan Zang

(b) Faxian

(c) Kang Seng

(d) Yijing

Answer: (a)

19. In which year was Jhansi annexed by Lord Dalhousie under the policy Doctrine of Lapse?

(a) 1854

(b) 1850

(c) 1852

(d) 1848

Answer: (a)

Elementary Mathematics

1.

The curved surface area of a sphe[illegible]us 14 cm is:

Take $\pi = \frac{22}{7}$

(a)

$2{,}446\ \text{cm}^2$

(b)

$2{,}464\ \text{cm}^2$

(c)

$2{,}428\ \text{cm}^2$

(d)

$2{,}454\ \text{cm}^2$

Answer: (b)

2. A company charges 10% per annum compound interest on loan. A sum of ₹2,20,000 is given by the company for a period of 2 years. The company compounded the interest every six months instead of every year. How much money would have been saved by the borrower if the company compounded the interest annually (rounded up to one decimal place)?

(a)
₹1,211.40

(b)
₹1,412.20

(c)
₹1,312.20

(d)
₹1,111.40

Answer: (a)

3. Find the smallest number divisible by the numbers 8, 16, 20 and 32.

(a) 120
(b) 200
(c) 144
(d) 160

Answer: (d)

4. Two trains, 140 m and 160 m in length, are running towards each other on parallel lines, one at the speed of 40 km/h and the other at 50 km/h. In how much time will they be clear of each other from the moment they meet?

(a) 10 sec
(b) 15 sec
(c) 13 sec
(d) 12 sec

Answer: (d)

5. Find the value of 40 – [20 – {14 – (16 – 6 × 4 – 2)}].

(a) 42
(b) 44
(c) 40
(d) 38

Answer: (b)

6. The average attendance at a cricket club dropped from 5640 last year to 3820 this year. What was the percent decrease from last year to this year?

(a) 24.48 percent

(b) 18.20 percent

(c) 32.26 percent

(d) 28.82 percent

Answer: (c)

7. A book is listed at Rs. 300, with a discount of 20 percent. What additional discount must be offered to bring the selling price to Rs. 216?

(a) 20 percent

(b) 10 percent

(c) 9 percent

(d) 16 percent

Answer: (b)

8. The weight of a liquid varies directly with its volume. A liquid that weighs 12 kg has volume of 3 litres. What will be the weight of a liquid that has volume 4 litres?

(a) 12 kg

(b) 16 kg

(c) 14 kg

(d) 8 kg

Answer: (b)

9. Out of 10 persons, 9 persons spent ₹ 15 ch or eir breakfast. The tenth person spent ₹ 9 more than the average expenditure of all of them. l amount spent by all of them is:

(a)

₹144

(b)

₹135

(c)

₹10

(d)

₹160

Answer: (d)

10. Arun bought a laptop from Sanchit for Rs.1,12,500. Sanchit earned a profit of 25% on the laptop. Raman sold the laptop to Sanchit at a gain of 20%. How much did Raman pay to buy the laptop?

(a) Rs.85,000
(b) Rs.80,000
(c) Rs.75,000
(d) Rs.90,000

Answer: (c)

11. A bus can run 20% faster than a bike. Both start from the same place at the same time and reach the same destination 60 km away at the same time. On the way, however, the bus stops at the stations for 10 minutes. The speed of the bike is:

(a) 60 km/h
(b) 70 km/h
(c) 55 km/h
(d) 65 km/h

Answer: (a)

12. By selling 55 toffees, a shopkeeper earns a profit of 11 toffees. Determine the percentage profit earned.

(a) 25%
(b) 15%
(c) 11%
(d) 20%

Answer: (a)

13. A can do a piece of work in 72 days and B [illegible]ays. They worked together for 30 days and then B left. Find the days taken by A to finish the remaining work.

(a) 18 days
(b) 17 days
(c) 16 days
(d) 14 days

Answer: (a)

14. A company offers three types of successive discounts: First offer: 25% and 5%, Second offer: 20% and 10%, Third offer: 15% and 15%. Which offer is the best for a customer?

(a) All are equally good
(b) Third offer
(c) First offer
(d) Second offer

Answer: (c)

15. A can do a piece of work in 20 days and B can do the same in 24 days. How many days will they take if both work together?

(a) $10\frac{11}{10}$

(b) $10\frac{10}{11}$

(c) $8\frac{10}{11}$

(d) $10\frac{10}{8}$

Answer: (b)

16. If x is directly proportional to y and x = 10 when y = 8, then what is the value of x when y = 36?

(a) 45

(b) 42

(c) 48

(d) 40

Answer: (a)

17. A number is increased by 30% and then again it is increased by 30%. By what percentage should the increased number be reduced so as to get back the original number?

(a) 40.82%

(b) 48.20%

(c) 42.80%

(d) 38.28%

Answer: (a)

18. A sum of ₹10,500 deposited 2 years ago, compounded annually, with the rate of interest 10% per annum during the first year, and 12% per annum during the second year, will amount to _____.

(a)

₹12,937

(b)

₹12,936

(c)

₹12,705

(d)

₹12,396

Answer: (b)

19. If a shopkeeper mixes two types of pulses worth Rs.80 per kg and Rs.95 per kg, in the ratio 2:3, then what is the average cost of the mixture?

(a) Rs.87 per kg

(b) Rs.91 per kg

(c) Rs.89 per kg

(d) Rs.90 per kg

Answer: (c)

20.

If the longest diagonal of a cube i $\sqrt{43}$ cm, then its volume is:

(a)

$1,928cm^3$

(b)

$1,625cm^3$

(c)

$1,825cm^3$

(d)

$1,728cm^3$

Answer: (d)

English

1. Select the INCORRECTLY spelt word.

(a) Efficient
(b) Compassion
(c) Mortality
(d) Lonelyness

Answer: (d)

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

Ultimately it turned out to be a fair decision.

(a) Unbiased
(b) Hollow
(c) Effective
(d) Drowsy

Answer: (a)

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

Due to increased international travel, the tourism sector has grown to be a global tracker to the global economy.

(a) a complementary distributor
(b) a major importer
(c) a worthless trade
(d) a substantial contributor

Answer: (d)

4. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. This day next year / I will having a conference with / the international board / discussing the environment.

(a) I will having a conference with
(b) the international board
(c) This day next year,
(d) discussing the environment

Answer: (a)

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

In dire straits

(a) Crumble under autocracy
(b) Eliminate doubts and fears
(c) Futuristic hope
(d) Very bad situation

Answer: (d)

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

Drowsy

(a) Stimulant
(b) Restive
(c) Sleepy
(d) Active

Answer: (c)

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

Fatuity

(a) Sapience
(b) Folly
(c) Obey
(d) Disregard

Answer: (a)

9. Select the most appropriate synonym of the given word to fill in the blank in the sentence.

Procure It is very difficult to _____ food and fuel for daily necessities for people living below poverty line in the world.

(a) effort
(b) obtain
(c) guarantee
(d) console

Answer: (b)

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

The play depicts a futuristec society.

(a) Faturistic
(b) Fewchuristic
(c) Fuetristic
(d) Futuristic

Answer: (d)

11. 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'. Rapid deforestation may put the lives of many indigenous communities <u>in a danger.</u>

(a) in some danger
(b) in danger
(c) in the danger
(d) No substitution

Answer: (b)

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

Neglect

(a) Remember
(b) Slight
(c) Omit
(d) Overlook

Answer: (a)

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

In the olden days, when people went on pilgrimages, they created a feeling of belonging towards all, convey a message of brotherhood among all they came across.

(a) conveying
(b) has conveyed
(c) conveyed
(d) have conveyed

Answer: (a)

14. Select the most appropriate option to fill in the blanks in the given sentence.

The minister was supposed to _____ the gathering lo ed at the _____ of Hotel Mao Inn.

(a) treat
(b) address
(c) deliver
(d) speech

Answer: (b)

15. Select the most appropriate option to fill in the blanks and make the sentence meaningful.

My _____ intention was to have a good time in the excellent _____.

(a) soul; weather
(b) soul; whether
(c) sole; weather
(d) sole; whether

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. The beach is often (1) _____ to as nature's most (2) _____ tourist spot. Going to the beach allows you to take in all of nature's splendour, which includes a (3) _____ of (4) _____ sights. The beach is the perfect place where I can sit, relax and enjoy the (5) _____ and beautiful natural surroundings.

16. Select the most appropriate option to fill in blank number 1.
    (a) named
    (b) referred
    (c) called
    (d) associated
    Answer: (b)

17. Select the most appropriate option to fill in blank number 2.
    (a) recognised
    (b) natural
    (c) crowded
    (d) organised
    Answer: (b)

18. Select the most appropriate option to fill in blank number 3.
    (a) plethora
    (b) view
    (c) means
    (d) kind
    Answer: (a)

19. Select the most appropriate option to fill in blank number 4.
    (a) rare
    (b) captivating
    (c) sorrowful
    (d) costly
    Answer: (b)

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

General Knowledge and General Awareness

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

Elementary Mathematics

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

English

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