

PREVIOUS YEAR PAPER

SSC CHSL 2023 Tier I — 9 August 2023, Shift 2

SSC CHSL · 9 August 2023 · 11:45 AM - 12:45 PM

86 of the paper's 100 questions · +2 for a correct answer, -0.5 for a wrong one · 60 minutes

Left out of the original paper: 14 (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 9 August 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-chsl/previous-year-papers/ssc-chsl-2023-tier-1-9-aug-shift-2/

English Language

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

Contemplate

- (a) Ruminare
- (b) Disregard
- (c) Meditate
- (d) Retract

Answer: (b)

2. Select the most appropriate option that can substitute the underlined segment in the given sentence. I have the bestest placement offer among my classmates.

- (a) the best
- (b) the better
- (c) more good
- (d) good

Answer: (a)

3. Select the most appropriate meaning of the given idiom. Fallen flat

- (a) To do something ultimately
- (b) To fail or be ineffective
- (c) To resolve
- (d) To fall on the ground

Answer: (b)

4. Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. Some residents saw this as an opportunity for growth and prosperity, while others feared that it would destroy the town's unique character.
- B. The small town of Millfield was known for its charming Main Street, where locals and visitors alike could stroll among the quaint shops and cafes.
- C. The debate grew heated, and tensions rose as the town struggled to decide its future.
- D. One day, a large corporation announced its plans to build a massive shopping centre on the outskirts of town.

- (a) BDAC
- (b) CBDA
- (c) DCBA
- (d) BACD

Answer: (a)

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

There was a saying that they're their own enemies with negligible reason to be shared.

- (a) There
- (b) negligible
- (c) they're
- (d) their

Answer: (b)

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

During lockdown, the government and NGOs tried their best to look after people who were destitute.

- (a) impoverished
- (b) elite
- (c) haughty
- (d) patriotic

Answer: (a)

8. Select the INCORRECTLY spelt word.

- (a) Acquiesce
- (b) Artificial
- (c) Conscientious
- (d) Mischievous

Answer: (d)

9. Select the most appropriate option that can substitute the underlined words in the following sentence.

The people who live here have had the same kind of lifestyle until hundreds of years.

- (a) through hundreds of year
- (b) for hundreds of years
- (c) although hundreds of years
- (d) since hundreds of year

Answer: (b)

10. Select the option that expresses the given sentence in active voice. Was the book written by an unknown author?

- (a) Did the book write an unknown author?
- (b) Was the book not written by an unknown author?
- (c) Was the unknown author reading the book?
- (d) Did an unknown author write the book?

Answer: (d)

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

Indispensable

- (a) Memorable
- (b) Eternal
- (c) Essential
- (d) Forceful

Answer: (c)

13. Select the option that can be used as a one-word substitute for the given group of words. An amount of money that is paid at one time

- (a) Advanced amount
- (b) Credit
- (c) Lump sum
- (d) Mortgage

Answer: (c)

14. Select the most appropriate ANTONYM of the underlined word in the given sentence.

Your views related to morality are outdated and puritanical.

- (a) orthodox
- (b) prudish
- (c) permissive
- (d) blasphemous

Answer: (c)

16. Select the option that can be used as a one-word substitute for the underlined group of words in the following sentence.

She is really interested in the study of religion.

- (a) theology
- (b) philology
- (c) lexicography
- (d) psephology

Answer: (a)

17. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Can you make / sure you have / a correct address / before you start driving?

- (a) Can you make
- (b) sure you have
- (c) a correct address
- (d) before you start driving

Answer: (c)

18. Select the most appropriate option that can be used as a one-word substitute for the underlined segment in the following sentence.

The basketball player was a formidable opponent because he was able to use both his left and right hands equally well.

- (a) equipoised
- (b) dexterous
- (c) ambidextrous
- (d) ambivalent

Answer: (c)

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

Harmony

- (a) Uniformity
- (b) Cognizance
- (c) Discordance
- (d) Relegation

Answer: (c)

20. Select the most appropriate option to substitute the underlined segment in the following sentence.

All colleagues of Rohit except Joseph have commemorated the elective courses they are planning to offer.

- (a) have considered the elective courses
- (b) have castigated the elective courses
- (c) have constipated the elective courses
- (d) have commiserated the elective courses

Answer: (a)

Passage — for questions 21–25

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Speech is a great (1)_____, but it can be a great curse, for, while it helps us to make our desire and intentions known to our fellows, it can also, if we use it carelessly, make our attitude completely misunderstood. A slip of the (2)_____, the use of an unusual or an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different (3)_____, and the ordinary speech of an educated man may strike an uneducated listener as showing pride. Unwittingly, we may use a word which bears a different meaning for our listener from what it does to men of our own class. Thus, speech is not a gift to use lightly without thought, but one which demands (4)_____ handling; only a fool will express himself alike to all kinds and conditions of men. Thus, speech is a valuable gift but if not used in a proper way, may cause misunderstanding. Since different classes use different words, we must use speech carefully to avoid being (5)_____.

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

- (a) blessing
- (b) articulation
- (c) protection
- (d) art

Answer: (a)

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

- (a) tongue
- (b) ear
- (c) word
- (d) pen

Answer: (a)

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

- (a) context
- (b) reference
- (c) meanings
- (d) vocabularies

Answer: (d)

24. Select the most appropriate option to fill in blank number 4.

- (a) firm
- (b) attentive
- (c) careful
- (d) serious

Answer: (c)

25. Select the most appropriate option to fill in blank number 5.

- (a) praised
- (b) criticised
- (c) misunderstood
- (d) condemned

Answer: (c)

General Intelligence

1.

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



(a)

B n 6 2 i R j

(b)

8 n e 2 i R j

(c)

j R i 5 9 n B

(d)

j R i 5 9 n B

Answer: (d)



2.

Select the term from the given options that can replace the question mark (?) in the given series to make it logically complete.

ZJ 10, ?, XH 40, WG 80, VF 160

(a)

ZJ 21

(b)

YI 20

(c)

ZG 22

(d)

YH 22

Answer: (b)

3.

Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

(a)

JMN

(b)

HKL

(c)

CGH

(d)

PST

Answer: (c)

4.

The second number in the given number pairs is obtained by performing certain mathematical operations(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

(a)

5 : 13

(b)

2 : 6

(c)

3 : 9

(d)

6 : 15

Answer: (b)

5.

What should come in place of the question mark (?) in the given series?

42 30 ? 12 6 2

(a)

24

(b)

20

(c)

18

(d)

22

Answer: (b)

6.

In a certain code language,

$A + B$ means 'A is the mother of B',

$A - B$ means 'A is the brother of B',

$A \times B$ means 'A is the wife of B',

$A \div B$ means 'A is the father of B'.

based on the above, how is K related to L if ' $J \times K - L \div M + N$ '?

(a)

Mother's husband

(b)

Wife's father

(c)

Father's brother

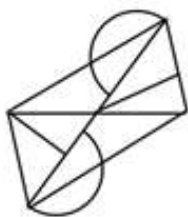
(d)

Brother's wife

Answer: (c)

7.

Identify the number of triangles in the given figure.



(a)

12

(b)

13

(c)

10

(d)

11

Answer: (a)

8.

The position of how many letters will remain unchanged if each of the letters in the word HEARING is arranged in alphabetical order?

(a)

Three

(b)

One

(c)

Two

(d)

None

Answer: (a)

9.

What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$5 + 8 + 4 \times 2 - 9 = ?$$

(a)

55

(b)

43

(c)

47

(d)

27

Answer: (c)

10.

In a certain code language,

A & B means A is the wife of B,

A / B means A is the brother of B,

A × B means A is the sister of B,

A – B means A is the father of B.

Based on the above, how is L related to K in $L / M \times D - K$?

(a)

Father

(b)

Mother's sister

(c)

Mother

(d)

Father's brother

Answer: (d)

11.

34 is related to 15 following a certain logic. Following the same logic, 44 is related to 20. To which of the following is 52 related to, following the same logic?

- (a)
32
- (b)
54
- (c)
20
- (d)
24

Answer: (d)

12.

What should come in place of the question mark (?) in the given series?

816, 774, 734, ?, 660

- (a)
688
- (b)
697
- (c)
696
- (d)
682

Answer: (c)



13.

Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follow/s from the given statements.

Statements:

All napkins are whisks.

Some whisks are kettles.

No kettle is a bowl.

Conclusions:

(I): Some napkins are whisks.

(II): Some kettles are whisks.

(a)

Neither conclusion (I) nor (II) follows

(b)

Both conclusions (I) and (II) follow

(c)

Only conclusion (I) follows

(d)

Only conclusion (II) follows

Answer: (b)

15.

Select the combination of letters that when sequentially placed in the blanks of the given series will make the series logically complete.

K _ MNLO _ KM _ KHNUJ _

(a)

ELRO

(b)

REST

(c)

LROE

(d)

LLRE

Answer: (d)

16.

Select the triad in which the numbers are related in the same way as are the numbers of the following triads.

14 - 15 - 145

12 - 27 - 195

(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)

(a)

25 - 21 - 670

(b)

17 - 31 - 240

(c)

11 - 19 - 230

(d)

12 - 52 - 450

Answer: (b)

17.

If 16 June 2001 is Saturday, then what will be the day of the week on 21 June 2009?

(a)

Saturday

(b)

Monday

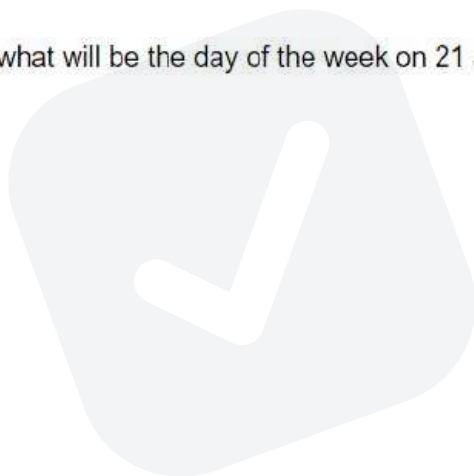
(c)

Sunday

(d)

Friday

Answer: (c)



18.

In a certain code language, 'CRAMP' is coded as '29715' and 'MACRO' is coded as '52397'. What is the code for 'P' in the given code language?

(a)

2

(b)

1

(c)

7

(d)

3

Answer: (b)

19.

Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

(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.)

14 : 210

25 : 650

11 : 132

19 : 342

(a)

14 : 210

(b)

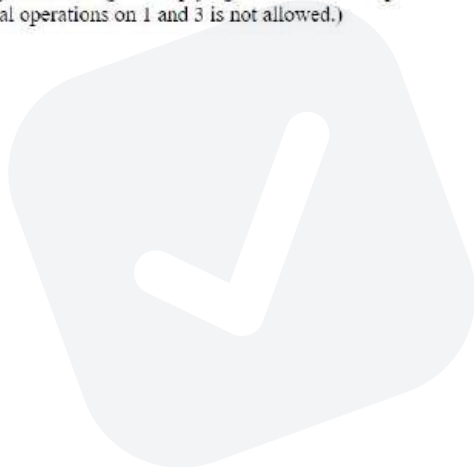
25 : 650

(c)

11 : 132

(d)

19 : 342

Answer: (d)

20.

Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

RD_W S_MS T郑_ U_SK _VVG

(a)

KAOYV

(b)

GAOZU

(c)

JBOXV

(d)

KBNXU

Answer: (c)

21.

Which number will replace the question mark (?) to complete the given series?

2, 5, 10, 17, 26, 37, 50, ?

(a)

67

(b)

61

(c)

63

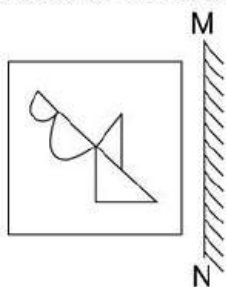
(d)

65

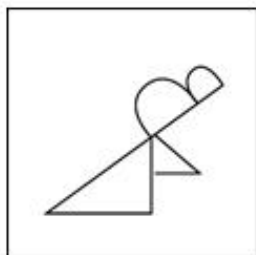
Answer: (d)

22.

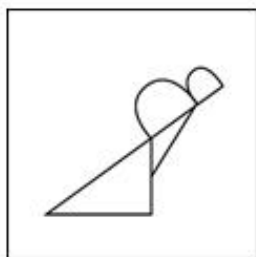
Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



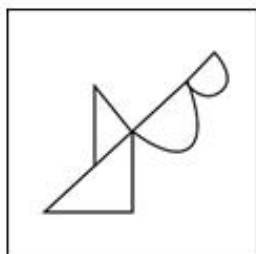
(a)



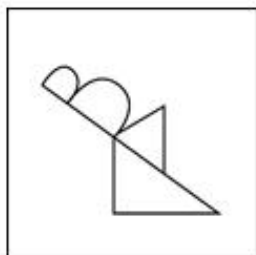
(b)



(c)



(d)

**Answer: (c)**

23.

Which letter-cluster should come in place of ? in the given series based on the English alphabetical order?

JPW, IRV, HTU, GVT, ?

(a)

FXS

(b)

GYS

(c)

GYR

(d)

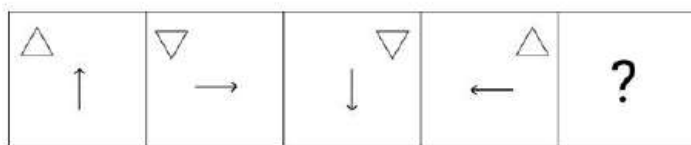
HXR

Answer: (a)

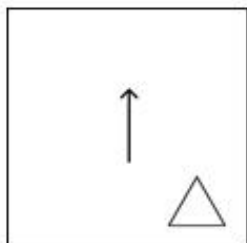


24.

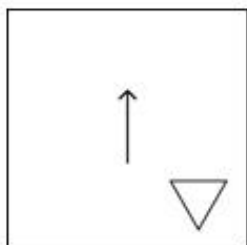
Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



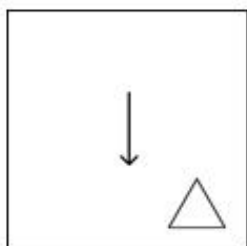
(a)



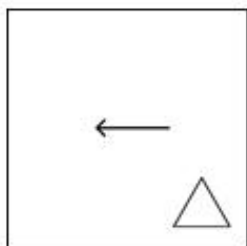
(b)



(c)



(d)

**Answer: (a)**

25.

In a certain code language, HPRM is written as OWYT and JRTO is written as QYAV. How will ELNJ be written in that language?

(a)

LTVQ

(b)

LSUQ

(c)

LQSP

(d)

LRTP

Answer: (b)

Quantitative Aptitude

1.

Ravi initially had a certain number of chocolates, while Bhanu initially had 80% of the number of chocolates that Ravi initially had. Ravi gave 10% of his chocolates to his sister while Bhanu received from his uncle another 35% of the number of chocolates he initially had. If Bhanu finally had 54 chocolates, how many chocolates did Ravi give to his sister?

(a)

3

(b)

6

(c)

5

(d)

4

Answer: (c)

3.

A shopkeeper allows a 12% additional discount on an initial discount of 20% for a shirt. If he sells the shirt at ₹704, then the marked price is:

(a)

₹788.48

(b)

₹800

(c)

₹1,000

(d)

₹844.88

Answer: (c)

4.

If 300 calories are burnt in every 5 km, how many calories were burnt in the whole week?

Week days	Distance jogged (km)
Sunday	2.5
Monday	4.0
Tuesday	2.5
Wednesday	3.5
Thursday	1.5
Friday	2.5
Saturday	1.5

(a)

1080 calories

(b)

1410 calories

(c)

5400 calories

(d)

1310 calories

Answer: (a)

5.

Two circles touch each other externally at points P and AB is a direct common tangent which touches the circles at A and B, respectively. $\angle APB$ is:

(a)

 90°

(b)

 45°

(c)

 100°

(d)

 80° **Answer: (a)**

8.

The given expression is equal to: $\frac{\sin^4 A + \cos^4 A}{1 - 2\sin^2 A \cos^2 A}$

(a)

1

(b)

-1

(c)

0

(d)

2

Answer: (a)

9.

Let ABC and PQR be two congruent right-angled triangles such that $\angle A = \angle P = 90^\circ$. If BC = 13 cm and PR = 12 cm, then find the length of AB.

(a)

25 cm

(b)

20 cm

(c)

10 cm

(d)

5 cm

Answer: (d)

11.

If $\cot A = \frac{5}{12}$, find the value of the following expression.

$$\frac{5(1 - \cos^2 A)}{6(1 - \sin^2 A)}$$

(a)

$$\frac{144}{5}$$

(b)

$$\frac{24}{25}$$

(c)

$$\frac{144}{25}$$

(d)

$$\frac{24}{5}$$

Answer: (d)

12.

A train travelling from Mumbai to Goa covered the first 420 km at a speed of 60 km/h and then covered the remaining 195 km at a speed of 65 km/h. Find its average speed in km/h.

(a)

$$63.5$$

(b)

$$61.5$$

(c)

$$62$$

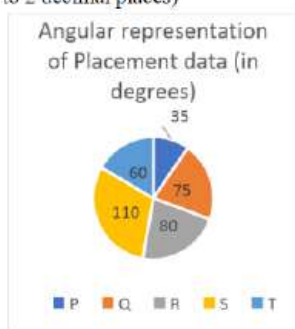
(d)

$$62.3$$

Answer: (b)

13.

The pie chart shows the angular representation of placement data in five different courses. If the total number of candidates qualified is 1,44,000, then the number of candidates in Q is what per cent of candidates in S? (Rounded off to 2 decimal places)



- (a) 68.16%
- (b) 68.12%
- (c) 68.18%
- (d) 68.15%

Answer: (c)

14.

The marked price of a saree is ₹3,800 and it is available for ₹3,532. What is the rate of discount?

- (a) 10%
- (b) 18%
- (c) 12%
- (d) 15%

Answer: (d)

15.

The mean proportion of 6 and 54 is:

- (a)
6
- (b)
9
- (c)
12
- (d)
18

Answer: (d)

16.

In a right-angled triangle XYZ, if $X = 60^\circ$ and $Y = 30^\circ$, then find the value of $\sin(X - Y)$.

- (a)
 $\frac{3}{5}$
- (b)
 $\frac{1}{2}$
- (c)
 $\frac{3}{4}$
- (d)
 $\frac{2}{3}$

Answer: (b)



17.

What will be the greatest number $32a78b$, which is divisible by 3 but NOT divisible by 9? (Where a and b are single digit number).

- (a)
324781
- (b)
329787
- (c)
326787
- (d)
329784

Answer: (d)

18. A solid cuboid is melted to form a number of cubes. If the length, breadth and height of a cuboid are 20 cm, 16 cm and 8 cm, and the edge of each cube is 4 cm, then the number of cubes is:

- (a) 50
- (b) 44
- (c) 40
- (d) 48

Answer: (c)

19.

The cost price of 240 articles is the same as the selling price of x articles. If profit is 20%, find the value of x .

- (a) 200
- (b) 21
- (c) 180
- (d) 240

Answer: (a)

20.

If $(a + b + c) = 17$, and $(a^2 + b^2 + c^2) = 101$, find the value of $(a - b)^2 + (b - c)^2 + (c - a)^2$.

- (a) 12
- (b) 14
- (c) 10
- (d) 16

Answer: (b)

21.

From a cask of milk containing 64 litres, 8 litres are drawn out and the cask is filled up with water. If the same process is repeated a second, then a third time, what will be the proportion of milk to water in the resulting mixture?

(a)

343 : 179

(b)

333 : 169

(c)

443 : 179

(d)

343 : 169

Answer: (d)

22.

If $\frac{x^2 + 1}{x} = 5$, then find the value of $x^4 + \frac{1}{x^4} - 36$.

(a)

491

(b)

149

(c)

419

(d)

194

Answer: (a)

24.

The radius of a circle is 5 cm and the length of one of its chords is 8 cm. Find the distance of the chord from the centre.

(a)

3 cm

(b)

4 cm

(c)

5 cm

(d)

2 cm

Answer: (a)

25.

The length of the chord of a circle is 8 cm and the perpendicular distance between the centre and the chord is 3 cm then the diameter of the circle is equal to:

- (a)
5 cm
- (b)
10 cm
- (c)
3 cm
- (d)
7 cm

Answer: (b)

General Awareness

1.

Garba dance is a popular dance of which state?

- (a)
Bihar
- (b)
Gujarat
- (c)
Goa
- (d)
Assam

Answer: (b)



2.

Which of the following options best describes the purpose of Pradhan Mantri Shram Yogi Maan-Dhan (PM-SYM) scheme, 2019?

- (a)
Provide healthcare services to pregnant women
- (b)
Provide education loans to financially weak students
- (c)
Provide pension to unorganised sector workers
- (d)
Provide financial assistance to small and marginal farmers

Answer: (c)

3.

The global financial crises overlapped which five year plan in India?

(a)

Ninth Five Year Plan

(b)

Tenth Five Year Plan

(c)

Twelfth Five Year Plan

(d)

Eleventh Five Year Plan

Answer: (d)

4.

Which of the following states is NOT a major producer of fertilisers?

(a)

Himachal Pradesh

(b)

Gujarat

(c)

Maharashtra

(d)

Uttar Pradesh

Answer: (a)

5.

Simhastha fair is held in Ujjain on the bank of which river?

(a)

Kshipra river

(b)

Son river

(c)

Ganga river

(d)

Gandak river

Answer: (a)



6.

Tamil Nadu's Archana Suseendran won how many gold medals at AFI Indian Grand Prix 2 held in Kerala on 27 March 2023?

(a)

6

(b)

4

(c)

3

(d)

2

Answer: (d)

7.

Which of the following lakes is the longest in India?

(a)

Vembanad lake

(b)

Kanjia Lake

(c)

Ansupa Lake

(d)

Wular Lake

Answer: (a)

8.

Which of the following is the most suitable application of rainwater harvesting?

(a)

Used in cooking

(b)

Irrigation

(c)

Water for pets

(d)

use for industrial purposes

Answer: (b)

9.

Which Act declared that British rule in India would end by 30 June 1948?

(a)

Act of 1858

(b)

Act of 1947

(c)

Act of 1892

(d)

Act of 1961

Answer: (b)

10.

Indian Council of Historical Research, an autonomous organisation, was set up by the Government of India in _____.

(a)

1991

(b)

1982

(c)

1972

(d)

1962

Answer: (c)

11.

Who among the following Mughals built Moti Masjid in the Agra Fort complex?

(a)

Shah Jahan

(b)

Jahangir

(c)

Akbar

(d)

Aurangzeb

Answer: (a)

13.

In which year did RBI accord approval to Equitas Holdings to launch a small finance bank?

(a)

2019

(b)

2012

(c)

2016

(d)

2009

Answer: (c)

15.

Which of the following sets of article is related with the feature of Emergency Provisions in the Indian Constitution?

(a)

352 to 360

(b)

309 to 312

(c)

343 to 351

(d)

330 to 342

Answer: (a)

16.

The dividends received by the Government from Public Sector Undertakings (PSUs) are _____.

(a)

capital expenditure

(b)

capital receipts

(c)

non-tax revenue receipts

(d)

tax revenue receipts

Answer: (c)

19.

Men's FIH Hockey World Cup-2023 was held in which of the following states in India?

(a)

Maharashtra

(b)

Jharkhand

(c)

West Bengal

(d)

Odisha

Answer: (d)

20.

Which of the following is a perennial herbaceous plant in the nightshade family Solanaceae that is used in alternative medicine as an aid in treating arthritis pain, colds or hay fever?

(a)

Arachis hypogaea

(b)

Cynodon dactylon

(c)

Cicer arietinum

(d)

Atropa belladonna

Answer: (d)

21.

Arjuna awardee Dr Ajmer Singh is associated with which game?

(a)

Football

(b)

Table Tennis

(c)

Athletics

(d)

Badminton

Answer: (c)

22.

Which of the following laws state that "The magnitude of the induced EMF in a circuit is equal to the time rate of change of magnetic flux through the circuit"?

(a)

Faraday's law

(b)

Coulomb's law

(c)

Kirchhoff's laws

(d)

Laplace's law

Answer: (a)

23.

The number of elements known at the time of Russian chemist Dmitri Ivanovich Mendeleev was:

(a)

57

(b)

53

(c)

63

(d)

67

Answer: (c)

24.

Who among the following personalities is an award winning Bhojpuri folk singer?

(a)

Ila Arun

(b)

Rabbi Shergill

(c)

Malini Awasthi

(d)

Papon

Answer: (c)

Answer key

Answer key as marked in the Staff Selection Commission's response sheet. "—" means the sheet did not show it clearly.

English Language

1	(b)	2	(a)	3	(b)	4	(a)	6	(b)	7	(a)	8	(d)	9	(b)
10	(d)	12	(c)	13	(c)	14	(c)	16	(a)	17	(c)	18	(c)	19	(c)
20	(a)	21	(a)	22	(a)	23	(d)	24	(c)	25	(c)				

General Intelligence

1	(d)	2	(b)	3	(c)	4	(b)	5	(b)	6	(c)	7	(a)	8	(a)
9	(c)	10	(d)	11	(d)	12	(c)	13	(b)	15	(d)	16	(b)	17	(c)
18	(b)	19	(d)	20	(c)	21	(d)	22	(c)	23	(a)	24	(a)	25	(b)

Quantitative Aptitude

1	(c)	3	(c)	4	(a)	5	(a)	8	(a)	9	(d)	11	(d)	12	(b)
13	(c)	14	(d)	15	(d)	16	(b)	17	(d)	18	(c)	19	(a)	20	(b)
21	(d)	22	(a)	24	(a)	25	(b)								

General Awareness

1	(b)	2	(c)	3	(d)	4	(a)	5	(a)	6	(d)	7	(a)	8	(b)
9	(b)	10	(c)	11	(a)	13	(c)	14	(a)	16	(c)	19	(d)	20	(d)
21	(c)	22	(a)	23	(c)	24	(c)								