PREVIOUS YEAR PAPER

SSC MTS 2021 — 12 July 2022, Shift 1

SSC MTS & Havaldar · 12 July 2022 · 9:00 AM - 10:30 AM

93 of the paper's 100 questions · marks per question not printed on the response sheet

Left out of the original paper: 7 (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 12 July 2022, 9:00 AM - 10:30 AM. 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-mts/previous-year-papers/ssc-mts-2021-12-jul-shift-1/

General English

3. Parts of the following sentence have been given as options. 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 thing about anger is that it can either been a helpful emotion or a discouraging one.

(a) a helpful emotion or a discouraging one
(b) The thing about anger
(c) No error
(d) is that it can either been

Answer: (d)

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

A person exhibiting excessive worry about one's health

(a) Intellectual
(b) Hypochondriac
(c) Megalomaniac
(d) Expert

Answer: (b)

5. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I <u>work hardly too</u> earn bread and butter for my family.

(a) work hardest too
(b) work hard to
(c) No improvement required
(d) works hardly to

Answer: (b)

6. 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.

I was at a party / with some off my / friends in Mumbai.

(a) friends in Mumbai
(b) with some off my
(c) No error
(d) I was at a party

Answer: (b)

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

Crocodile tears

(a) Hopeless situation
(b) Totally different
(c) False tears
(d) Of less worth

Answer: (c)

8. Select the option that corrects the misspelt words in the given sentence.

A baloon may liave the earth with a charg.

(a) A balloon may leave the earth with a charge.
(b) A ballon may leave the earth with a chargge
(c) A balloon may live the earth with a ch
(d) A ballun may leave the earth with a charge.

Answer: (a)

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

Moil

(a) Cultivate
(b) Grow
(c) Discourage
(d) Work

Answer: (c)

10. Select the correctly spelt word.

(a) Innability
(b) Inabilty
(c) Inability
(d) Inablity

Answer: (c)

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

Obedient

(a) Compliant
(b) Submissive
(c) Cheery
(d) Resistant

Answer: (d)

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

Intricate

(a) Basic
(b) Complicated
(c) Painted
(d) Developed

Answer: (b)

13. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

A better plan is to going and has a lavish dinner at a fir restaurant.

(a) is to go and have
(b) No substitution required
(c) is to gone and have
(d) was to going and have

Answer: (a)

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

One who feeds on human flesh

(a) Cannibal
(b) Hedonist
(c) Stoic
(d) Samaritan

Answer: (a)

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

All branded shoes are priced extravagantly.

(a) Modestly
(b) Economically
(c) Expensively
(d) Meagerly

Answer: (c)

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

It's _____ too late to start your own business.

(a) never
(b) no
(c) neither
(d) nor

Answer: (a)

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

It was impossible _____ guess what he was doing.

(a) to
(b) at
(c) on
(d) of

Answer: (a)

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

Evident

(a) Obvious
(b) Indistinct
(c) Stubborn
(d) Irritable

Answer: (b)

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

A person who believes in or tries to bring about a state of lawlessness

(a) Ephemeral
(b) Deluge
(c) Gazette
(d) Anarchist

Answer: (d)

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

The sudden death of our uncle was _____ for all of us.

(a) tragic
(b) fragile
(c) gentle
(d) dissuasive

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.
>
> Nitrogen is essential to life (1)_____ Earth. It is a component of all proteins, and it can be (2)_____ in all living systems. Nitrogen compounds are (3)_____ in organic materials, foods, fertilisers, explosives and poisons. Nitrogen is crucial to life, (4)_____ in excess it can also be (5)_____ to the environment.

21. Select the most appropriate option to fill in blank number 1.
    (a) at
    (b) into
    (c) on
    (d) in

    Answer: (c)

22. Select the most appropriate option to fill in blank number 2.
    (a) founder
    (b) find
    (c) founded
    (d) found

    Answer: (d)

23. Select the most appropriate option to fill in blank number 3.
    (a) function
    (b) instant
    (c) immediate
    (d) present

    Answer: (d)

24. Select the most appropriate option to fill in blank number 4.
    (a) such
    (b) because
    (c) but
    (d) if

    Answer: (c)

25. Select the most appropriate option to fill in blank number 5.
    (a) harmful
    (b) pliable
    (c) optimistic
    (d) rational

    Answer: (a)

General Intelligence and Reasoning

1. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(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 /deleting /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)

2 : 6 :: 4 : 60 :: 7 : ?

(a) 600

(b) 105

(c) 201

(d) 336

Answer: (d)

2. Six girls, Pooja, Qimat, Reeti, Shweta, Tejaswini and Vineeta, are sitting around a circular table. All of them are facing towards the centre of the table (but not necessarily in the same order). Tejaswini is the immediate neighbour of Vineeta and Reeti. Pooja is to the immediate left of Vineeta. Qimat is fourth to the right of Pooja. Shweta is to the immediate left of Pooja.Who is sitting to the immediate left of Shweta?.

(a) Tejaswini

(b) Pooja

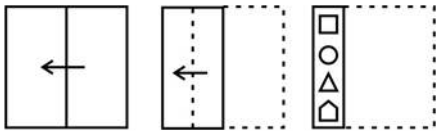
(c) Qimat

(d) Reeti

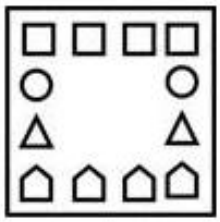
Answer: (c)

4.

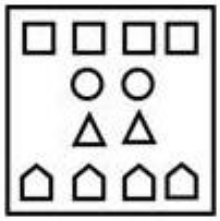
The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



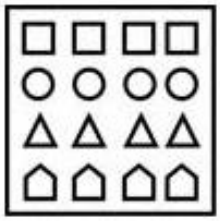
(a)



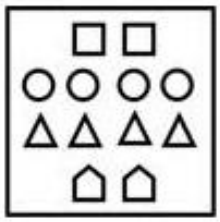
(b)



(c)



(d)



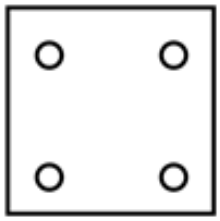
Answer: (c)

5.

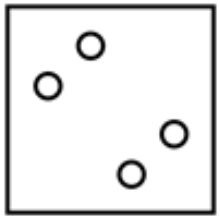
The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



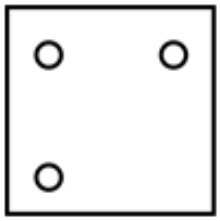
(a)



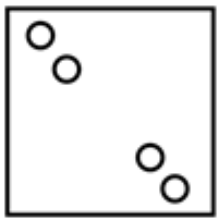
(b)



(c)



(d)



Answer: (d)

6. Six persons are sitting in two straight rows, facing north. Their names are Farhan, Utkarsh, Yugal, Krishna, Chaman and Manish. Farhan and Manish are sitting at diagonally opposite ends. Utkarsh is in the top row and to the immediate right of Farhan. Krishna is second to the left of Manish while Yugal and Krishna are not in the same row. Who is sitting at the diagonally opposite end to Yugal?

(a) Manish

(b) Krishna

(c) Utkarsh

(d) Chaman

Answer: (b)

7. After interchanging which two signs will the value of the given expression be '356'?

133 + 49 – 16 ÷ 2 × 34

(a) + and –

(b) – and ÷

(c) × and +

(d) ÷ and ×

Answer: (a)

8. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

PAN : SCP :: HOP : ?

(a) KQR

(b) KRQ

(c) KSQ

(d) KQS

Answer: (a)

9. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ROM, URJ, XUG, AXD, ?

(a) DAA

(b) DAD

(c) DAB

(d) DBA

Answer: (a)

10. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

TREE : RTEE :: KEEP : EKPE :: SOLO : ?

(a) OOSL

(b) OLSO

(c) OSOL

(d) LOSO

Answer: (c)

11. 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 /deleting / 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.) (3, 6, 18) (5, 7, 35)

(a) (8, 13, 94)

(b) (7, 12, 74)

(c) (8, 12, 86)

(d) (6, 14, 84)

Answer: (d)

12. In a certain code language, 'Here we go west' is written as '8 6 4 9', 'West and east best' is written as '4 @ # pr' and 'East direction sun' is written as '# jt qm'. Which one of the following is the possible code for 'direction east' in that code language?

(a) @ jt

(b) qm it

(c) 4 qm

(d) # qm

Answer: (d)

13. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some pets are birds. All birds are mats

Conclusions:
I. All mats are birds.
II. Some mats are pets.

(a) Only conclusion II follows.

(b) Neither conclusion I nor II follows.

(c) Both conclusions I and II follow.

(d) Only conclusion I follows.

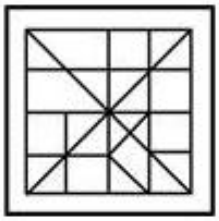
Answer: (a)

14.

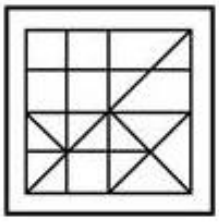
Select the option in which the given figure is embedded as its part (rotation is NOT allowed).



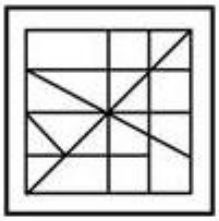
(a)



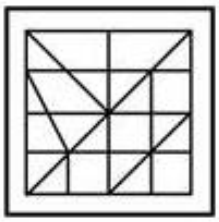
(b)



(c)



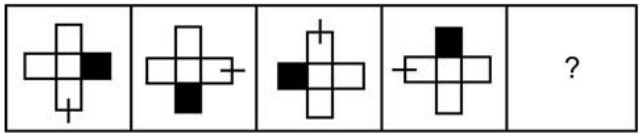
(d)



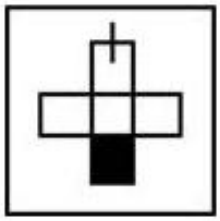
Answer: (b)

15.

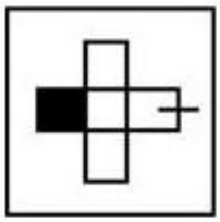
Select the figure from among the given options that can replace the question mark (?) in the following series.



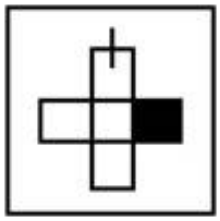
(a)



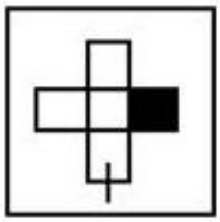
(b)



(c)



(d)



Answer: (d)

16.

Select the figure from the options that can replace the question mark (?) and complete the pattern. (Rotation is not allowed)



(a)



(b)



(c)



(d)



Answer: (a)

17. In a certain code language, 'IFSP' is written as 'JHTR' and 'MPWF' is written as 'NRXH'. How will 'TOAD' be written in that language?

(a) UQCE

(b) UQBF

(c) UQCF

(d) UPBF

Answer: (b)

18. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: No plate is a spoon. Some plates are forks. All forks are knives.

Conclusions:
I. Some plates are knives is a possibility.
II. No spoon is a fork.

(a) Only conclusion I follows
(b) Neither conclusion I nor II follows
(c) Both conclusions I and II follow
(d) Only conclusion II follows

Answer: (a)

20. Which two signs need to be interchanged to make the following equation correct?

9 + 3 − 4 ÷ 5 × 2 = 9

(a) − and ×
(b) + and x
(c) + and ÷
(d) − and +

Answer: (c)

21. Select the number from among the given option that can replace the question mark (?) in the following series.

728, 717, 695, 662, 618, ?

(a) 564
(b) 561
(c) 563
(d) 562

Answer: (c)

22. In a certain code language, 'ANAEMIA' is written as 'AOAENIA', 'AQUEOUS' is written as 'ARUEOUT', and 'LIVELY' is written as 'MIWEMZ'. How will 'EUGENIA' be written in that language?

(a) EUHEOJA
(b) FVGFNJB
(c) EUHEOIA
(d) FUGFNJB

Answer: (c)

23. In a certain code language, 'POR' is coded as '52' and 'AND' is coded as '22'. How will 'VXB' be coded in that language?

(a) 51
(b) 49
(c) 48
(d) 52

Answer: (a)

24. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(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 /deleting /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)

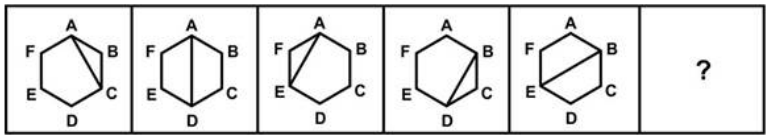
12 : 20 :: 8 : 12 :: 34 : ?

(a) 52
(b) 64
(c) 48
(d) 56

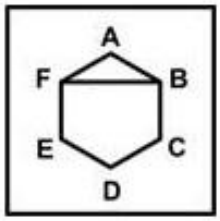
Answer: (b)

25.

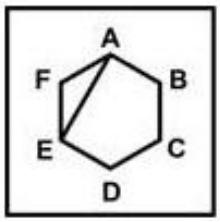
Select the figure from among the given options that can replace the question mark (?) in the following series.



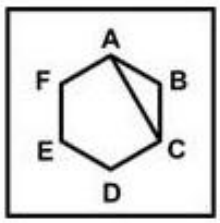
(a)



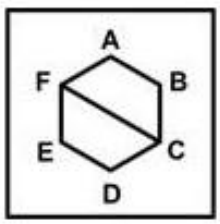
(b)



(c)



(d)



Answer: (a)

Numerical Aptitude

2.

A 900 metre long train crosses a 1200 metres long platform completely in 70 seconds. What is the speed of the train?

(a)

117 km/h

(b)

108 km/h

(c)

99 km/h

(d)

90 km/h

Answer: (b)

3.

₹12,000 is lent for one year at the rate of 15% per annum, the interest being compounded annually. If the compounding of the interest is done half- yearly, then how much more interest will be obtained at the end of the one-year period on the same initial sum?

(a)

₹72.5

(b)

₹82.8

(c)

₹60.5

(d)

₹67.5

Answer: (d)

4.

A 480 m long train takes 16 seconds to pass a pole. How long will it take to pass a platform that is 900 m long?

(a)

47 seconds

(b)

45 seconds

(c)

46 seconds

(d)

48 seconds

Answer: (c)

5.

If ₹1,000 is divided into three parts in the ratio 2 : 3 : 5, find the value of the smallest part.

(a)

₹100

(b)

₹300

(c)

₹200

(d)

₹400

Answer: (c)

6.

Ishita can read a newspaper in 'n' minutes. What part of the newspaper can she read in 7 minutes? (n > 7)

(a)

$\frac{n}{7}$

(b)

$7n^2$

(c)

$7n$

(d)

$\frac{7}{n}$

Answer: (d)

7.

There are two numbers such that the first number is four times of the second number. If their average is 65, then what is the second number?

(a)

26

(b)

14

(c)

24

(d)

28

Answer: (a)

8.

Find the value of p, when p = (5 ÷ 6) of 54 − 40 ÷ 10 − 41 − 22

(a)
−11
(b)
−22
(c)
−18
(d)
−23

Answer: (b)

9.

The base of a triangle is 16 cm and its area is 144 cm^2. Find its corresponding height, with respect to the given base.

(a)
18 cm
(b)
9 cm
(c)
24 cm
(d)
12 cm

Answer: (a)

10.

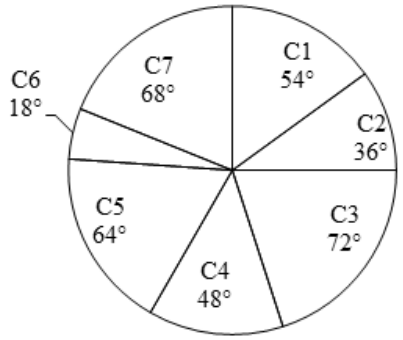
A train moves at a speed of 35 km/h for the first 2 hours and at a speed of 50 km/h for the next 4 hours. Find the average speed of the train during the entire journey.

(a)
47 km/h
(b)
50 km/h
(c)
45 km/h
(d)
35 km/h

Answer: (c)

12.

The following pie chart shows the sectors representing the shares of the number of electric buses manufactured in each of 7 different colours in a given year in terms of the central angles (in degrees) with respect to the total number of buses manufactured during that year of all the 7 colours taken together.



What is the difference in the percentage shares of buses of C4 and C6? [Give your answer correct to 2 decimal places.]

(a)

11.11%

(b)

8.33%

(c)

9.09%

(d)

12.5%

Answer: (b)

13.

The selling prices of two articles are equal. If the first article is sold at a profit of 20% and the second article is sold at a loss of 20%, what will be the overall loss percentage?

(a)

4%

(b)

3.5%

(c)

2.5%

(d)

2%

Answer: (a)

14.

The table below gives the ranks secured by five different students in three different subjects in a qualifying examination:

Subject / Students	Maths	Physics	Chemistry
A	12	22	14
B	15	21	15
C	3	15	22
D	14	24	1
E	18	13	2

Find the positive difference between the ranks secured by A in Physics and in Maths.

(a)

25

(b)

10

(c)

15

(d)

20

Answer: (b)

16.

What is the value of $\frac{5}{12}\times\frac{7}{12}\div\left(\frac{1}{75}+\frac{5}{12}\text{ of }\right)+\frac{4}{5}\times\frac{75}{16}$?

(a)

$\frac{8305}{1104}$

(b)

$\frac{4675}{1104}$

(c)

$\frac{2565}{2208}$

(d)

$\frac{9155}{2208}$

Answer: (d)

17.

If the population of a town is 12,000 and the population increases at the rate of 10% per annum, then find the population after 3 years.

(a)

15,972

(b)

12,200

(c)

11,200

(d)

10,200

Answer: (a)

18.

If 16 : x :: x : 196, find the positive value of x?

(a)

60

(b)

62

(c)

56

(d)

64

Answer: (c)

19.

80 liters of a mixture of alcohol and water contains 60% alcohol. If 'X' liters of water is added to this mixture, then the percentage of alcohol in the new mixture becomes 40%. What is the value of 'X'?

(a)

20

(b)

80

(c)

40

(d)

60

Answer: (c)

20.

The length, the breadth, and the height of a cuboid are 40 cm, 20 cm and 10 cm, respectively. What is the volume of this cuboid?

(a)

$16000\ cm^3$

(b)

$8000\ cm^3$

(c)

$2000\ cm^3$

(d)

$4000\ cm^3$

Answer: (b)

21.

Akshay has 30 articles, each having the same cost price. He marked the price of each article at 30% above its cost price. He sold 15 of the articles at a discount of 20% each, and the remaining 15 articles at a discount of 10% each, thereby gaining a total profit of ₹630. What was the cost price of each article?

(a)

₹240

(b)

₹180

(c)

₹280

(d)

₹200

Answer: (d)

22.

Bobby and Billy can complete a job in 28 days and 20 days, respectively. They work together for 5 days, after which Billy leaves the job. In how many days did Bobby alone complete the rest of the job?

(a)

15 days

(b)

20 days

(c)

12 days

(d)

16 days

Answer: (d)

23.

What is the value of $[7 \div 14 \times 8 + (5 \div 15 \times 6 - 4 \times 3)]$?

(a)

-4

(b)

-2

(c)

-6

(d)

-5

Answer: (c)

24.

The volume of a cone is 27720 cm^3. If the height of the cone is 20 cm, then what will be the area of the base?

(a)

$4158\ cm^2$

(b)

$4272\ cm^2$

(c)

$4626\ cm^2$

(d)

$4836\ cm^2$

Answer: (a)

25.

In an office of 900 employees, on a particular day, except for 10% of the female employees, all employees were present. On the next day, except for 8% of the male employees, all employees were present. The number of employees present on each of these two days was the same. Find the total number of male employees on the payrolls of this office.

(a)

550

(b)

450

(c)

800

(d)

500

Answer: (d)

General Awareness

1. Tanjore Balasaraswati was known for which classical dance form?

(a) Bihu
(b) Bharatanatyam
(c) Manipuri
(d) Odissi

Answer: (b)

2. Which of the following persons won the 'Best Female Debut' Award at the 2021 Paralympic Sports Awards 2021?

(a) Deepa Malik
(b) Bhavinaben Patel
(c) Avani Lekhara
(d) Mirabai Chanu

Answer: (c)

3. Which of the following rivers forms the largest river system of Rajasthan?

(a) Krishna
(b) Narmada
(c) Tapi
(d) Luni

Answer: (d)

4. In human beings, the small intestine is coiled and about _____ metres long.

(a) 1 to 1.5
(b) 3 to 3.5
(c) 2 to 2.5
(d) 7 to 7.5

Answer: (d)

5. Who among the following was the first athlete to represent India in fencing at the Tokyo Olympics 2020?

(a) Aditi Ashok
(b) PT Usha
(c) Bhavani Devi
(d) PV Sindhu

Answer: (c)

6. A form of financial service which provides small loans and other financial services to poor and low-income households is called _____.

(a) microfinance
(b) commercial mortgage
(c) invoice financing
(d) personal finance

Answer: (a)

7. Which of the following are also called the amphibians of the plant kingdom?

(a) Pteridophytes
(b) Thallophytes
(c) Angiosperms
(d) Bryophytes

Answer: (d)

8. Buddha attained enlightenment at _____.

(a) Varanasi
(b) Bodh Gaya
(c) Kusinara
(d) Pataliputra

Answer: (b)

9. 'Unfinished: A Memoir' is the autobiography of __ .

(a) Priyanka Chopra Jonas
(b) Deepika Padukone
(c) Kareena Kapoor
(d) Alia Bhatt

Answer: (a)

10. Which of the following festivals is celebrated when the annual harvest takes place in Assam?

(a) Lohri
(b) Pongal
(c) Magh Bihu
(d) Makaravilakku

Answer: (c)

11. Which of the following is considered to be the fifth state of matter?

(a) Bose-Einstein condensate
(b) Plasma
(c) Solid
(d) Gas

Answer: (a)

12. Which of the following peninsular rivers has the largest drainage basin?

(a) Godavari
(b) Mahanadi
(c) Narmada
(d) Krishna

Answer: (a)

13. A type of unemployment in rural areas when people are not able to find jobs during some months of the year is called _____.

(a) educated unemployment
(b) disguised unemployment
(c) frictional unemployment
(d) seasonal unemployment

Answer: (d)

14. Vasco da Gama, a Portuguese explorer came to India in _____.

(a) 1496
(b) 1498
(c) 1495
(d) 1497

Answer: (b)

15. Who among the following addressed the Indian N onal congress as its President in 1887?

(a) Balgangadhar Tilak
(b) Badruddin Tyabji
(c) WC Bannerji
(d) Dadabhai Naoroji

Answer: (b)

16. Which team lost to Dabang Delhi KC in the finals of the Pro Kabbadi League season 8?

(a) Puneri Paltan
(b) Patna Pirates
(c) Gujarat Giants
(d) UP Yoddha

Answer: (b)

17. Soilless agriculture is called _____.

(a) hydroponics
(b) shifting agriculture
(c) dry farming
(d) pastoral farming

Answer: (a)

18. Which Article of the Indian Constitution enshrines the Right against Exploitation?
    (a) Article 23
    (b) Article 21
    (c) Article 25
    (d) Article 22
    Answer: (a)

19. What does 'Chaitya' in Buddhist architecture refer to?
    (a) Buddha relic
    (b) Prayer hall
    (c) Residence
    (d) Monastery
    Answer: (b)

20. As per Census 2011, what is the Total Fertility Rate (an approximate range) in India?
    (a) 3.1 - 3.9
    (b) 2.1 - 2.9
    (c) 5.1 - 5.9
    (d) 4.1 - 4.9
    Answer: (b)

21. Who among the following is a famous Sitar player?
    (a) Ustad Rehman Khan
    (b) Kishan Maharaj
    (c) Ali Ahmad Hussain
    (d) Anoushka Shankar
    Answer: (d)

22. As per the Constitution of India, the President of India shall hold office for a term of _____ from the date on which he enters upon his office.
    (a) four years
    (b) six years
    (c) three years
    (d) five years
    Answer: (d)

23. Mohiniyattam is a classical dance form of which Indian state?
    (a) Andhra Pradesh
    (b) Kerala
    (c) Tamil Nadu
    (d) Assam
    Answer: (b)

24. Which Chola ruler built the Brihadeshwara Temple at Tanjore?
    (a) Rajaraja I
    (b) Rajendra I
    (c) Vijayalaya
    (d) Rajendra III

    Answer: (a)

25. Which state of India has set up District Investment Promotion Agencies (DIPA)?
    (a) Karnataka
    (b) Haryana
    (c) Odisha
    (d) West Bengal

    Answer: (c)

Answer key

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

General English

3	**(d)**	4	**(b)**	5	**(b)**	6	**(b)**	7	**(c)**	8	**(a)**	9	**(c)**	10	**(c)**
11	**(d)**	12	**(b)**	13	**(a)**	14	**(a)**	15	**(c)**	16	**(a)**	17	**(a)**	18	**(b)**
19	**(d)**	20	**(a)**	21	**(c)**	22	**(d)**	23	**(d)**	24	**(c)**	25	**(a)**		

General Intelligence and Reasoning

1	**(d)**	2	**(c)**	4	**(c)**	5	**(d)**	6	**(b)**	7	**(a)**	8	**(a)**	9	**(a)**
10	**(c)**	11	**(d)**	12	**(d)**	13	**(a)**	14	**(b)**	15	**(d)**	16	**(a)**	17	**(b)**
18	**(a)**	20	**(c)**	21	**(c)**	22	**(c)**	23	**(a)**	24	**(b)**	25	**(a)**		

Numerical Aptitude

2	**(b)**	3	**(d)**	4	**(c)**	5	**(c)**	6	**(d)**	7	**(a)**	8	**(b)**	9	**(a)**
10	**(c)**	12	**(b)**	13	**(a)**	14	**(b)**	16	**(d)**	17	**(a)**	18	**(c)**	19	**(c)**
20	**(b)**	21	**(d)**	22	**(d)**	23	**(c)**	24	**(a)**	25	**(d)**				

General Awareness

1	**(b)**	2	**(c)**	3	**(d)**	4	**(d)**	5	**(c)**	6	**(a)**	7	**(d)**	8	**(b)**
9	**(a)**	10	**(c)**	11	**(a)**	12	**(a)**	[illegible]	**(d)**	14	**(b)**	15	**(b)**	16	**(b)**
17	**(a)**	18	**(a)**	19	**(b)**	20	**(b)**	[illegible]	**(d)**	22	**(d)**	23	**(b)**	24	**(a)**
25	**(c)**														