PREVIOUS YEAR PAPER

SSC MTS 2021 — 18 July 2022, Shift 1

SSC MTS & Havaldar · 18 July 2022 · 9:00 AM - 10:30 AM

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

Left out of the original paper: 8 (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 18 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-2021-18-jul-shift-1/

General English

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

Below the belt

(a) Without any effort
(b) Very quickly
(c) Cruel and unfair
(d) Suspiciously

Answer: (c)

2. Select the option that will improve the underlined p of the given sentence. In case no improvement is needed, select 'No improvement rec d'.

Her forty-fourth birthday had just passed, tic by all but herself.

(a) had just passed, unnoticed by but all he.
(b) has just passed, unnoticed by all herself
(c) has just passed, unnoticed by but all herself
(d) No improvement required

Answer: (d)

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.

He sat down in a darkly corner and covered his face, and would not say a single word to anyone.

(a) No error
(b) and covered his face, and would
(c) He sat down in a darkly corner
(d) not say a single word to anyone

Answer: (c)

4. 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 goons fled after kill a boy in the street.

(a) No error
(b) boy in the street
(c) after kill a
(d) The goons fled

Answer: (c)

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

She smashed a _____ of glass with the metal vase.

(a) pion
(b) pawn
(c) pane
(d) pain

Answer: (c)

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

I have visited _____ coaching institutes in your regior

(a) many
(b) mostly
(c) much
(d) any

Answer: (a)

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

Vanish

(a) Disappear
(b) Depart
(c) Conquer
(d) Emerge

Answer: (d)

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

Acute

(a) Obtuse
(b) Faithful
(c) Chronic
(d) Dire

Answer: (d)

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

Keep body and soul together

(a) Live happily
(b) Live as long as possible
(c) Be mentally and physically fit
(d) Stay alive during hard times

Answer: (d)

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

That fellow pushed me so hard that my vision got ____ for a second.

(a) simplified
(b) illuminated
(c) exposed
(d) blurred

Answer: (d)

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

I organised my dressing table by putting all the rubber bands _____ the drawer.

(a) for
(b) in
(c) on
(d) at

Answer: (b)

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

Next month, she <u>was going to</u> the institute to study for a master's degree.

(a) went to
(b) has gone to
(c) is going to
(d) No improvement required

Answer: (c)

13. Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select ‘No improvement required’.

He blew out the candle and <u>went to sleepy.</u>

(a) went to sleep
(b) go on sleep
(c) No improvement required
(d) gone to sleep

Answer: (a)

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

Simon had always been an ardent follower.

(a) averse
(b) objective
(c) casual
(d) passionate

Answer: (d)

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

Most mainliners do not view modern culture as inherently _____ to religious belief.

(a) inimical
(b) inchoate
(c) inconclusive
(d) inadvertent

Answer: (a)

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

A number of measres have been sugested by her.

(a) A number of measrues have been sugessted b[illegible]er.
(b) A number of measures have been sujjested b[illegible]r.
(c) A number of measures have been suggested [illegible]her.
(d) A number of mesures have been su[illegible]ster[illegible]her.

Answer: (c)

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

Outstanding

(a) Astounding
(b) Ordinary
(c) Remarkable
(d) Honest

Answer: (b)

18. Select the INCORRECTLY spelt word.

(a) Chauffeur
(b) specielist
(c) Anchor
(d) Compere

Answer: (b)

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

_____ I learned that there was a gift for each child, I was delighted.

(a) When
(b) Though
(c) While
(d) Which

Answer: (a)

20. 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.

Both of my parents are dependent on my salary of their living.

(a) are dependent on my
(b) Both of my parents
(c) salary of their living
(d) No error

Answer: (c)

Passage — for questions 21–25

> In the following passage, some words have been delet[illegible]. Read the passage carefully and select the most appropriate option to fill in each blank.
>
> Many forests are cleared to (1) _____ way for palm o[illegible]antations. Palm oil is the most (2) _____ produced vegetable oil and is found in half of all su[illegible]market products. It's cheap, versatile and can be added to (3) _____ food and personal p[illegible]ts[illegible] lipsticks and shampoo. (4) _____ popularity has (5) _____ people to clear tropical forests to gro[illegible]e palm trees.

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

(a) made
(b) take
(c) make
(d) give

Answer: (c)

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

(a) commonly
(b) casually
(c) lovingly
(d) usually

Answer: (a)

23. Select the most appropriate option to fill in blank number 3.
    (a) both
    (b) each
    (c) one
    (d) between
    Answer: (a)

24. Select the most appropriate option to fill in blank number 4.
    (a) Our
    (b) Its
    (c) It's
    (d) Their
    Answer: (b)

25. Select the most appropriate option to fill in blank number 5.
    (a) baffled
    (b) delighted
    (c) curated
    (d) prompted
    Answer: (d)

General Intelligence and Reasoning

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

4, 34, 58, 76, 88, ?
    (a) 94
    (b) 96
    (c) 98
    (d) 92
    Answer: (a)

2. In a certain code language, 'PEARL' is coded as '24153', 'EARTH' is coded as '41590' and 'PILE' is coded as '2634'. What is the code for the word 'HEAR' in that language?
    (a) 2651
    (b) 0415
    (c) 1520
    (d) 9054
    Answer: (b)

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

TOR, ?, VQT, WRU, XSV

(a) UPS
(b) VPS
(c) VPT
(d) UNS

Answer: (a)

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

35 + 7 × 12 − 6 ÷ 2 = 6

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

Answer: (a)

5. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

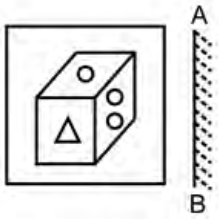
(8, 4, 1) (12, 4, 5)

(a) (44, 20, 20)
(b) (20, 2, 12)
(c) (17, 8, 6)
(d) (33, 10, 21)

Answer: (c)

6.

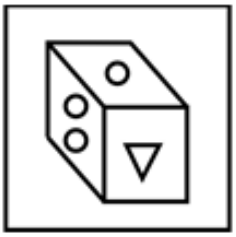
Select the correct mirror image of the given figure when the mirror is placed at the right side.



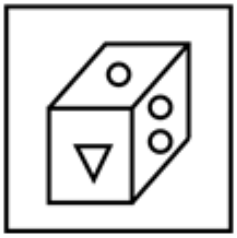
(a)



(b)



(c)



(d)



Answer: (a)

7. By interchanging the given two signs ÷ and –, which of the following equations will be correct?

I. 143 + 6 × 18 ÷ 45 – 3 = 236
II. 133 – 7 + 16 × 11 ÷ 37 = 158

(a) Both I and II
(b) Only I
(c) Only II
(d) Neither I nor II

Answer: (a)

8. 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 festivals are fireworks. No cracker is a firework. No bomb is a festival.

Conclusions:
I. No bomb is a cracker.
II. Some bombs are crackers.

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

Answer: (c)

9. Read the given statements and conclusi[illegible]ar[illegible]ly. Assuming that the information given in the statements is true, even if it appears to be at v[illegible]e with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement I: All mobiles are electronics. Statement II: All laptops are electronics.

Conclusion I: Some mobiles are laptops. Conclusion II: All mobiles are laptops.

(a) Either conclusion I or II follows.
(b) Only conclusion II follows.
(c) Neither conclusion I nor II follows.
(d) Only conclusion I follows.

Answer: (c)

10. 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.

RNP : SOQ :: CSN : DTO :: EJM : ?

(a) FKO
(b) FKL
(c) FKN
(d) FLN

Answer: (c)

11. In a certain code language, 'HAPREB' is written as 'IEUQAW', and 'GBCDFA' is written as 'HFHCBV'. How will 'QRPLAC' be written in that language?

(a) RVUKWX
(b) RVUJWX
(c) RVUJXW
(d) RVUKXW

Answer: (a)

12. 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 can be done 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) 125 : 25 :: 64 : 16 :: 27 : ?

(a) 36
(b) 24
(c) 22
(d) 39

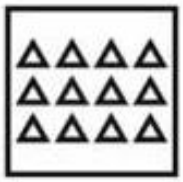
Answer: (a)

13.

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



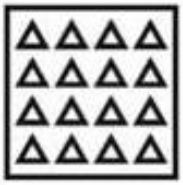
(a)



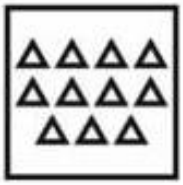
(b)



(c)



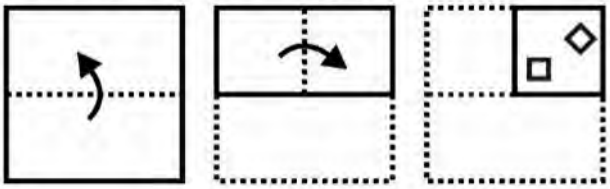
(d)



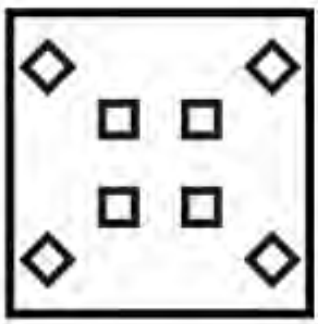
Answer: (d)

14.

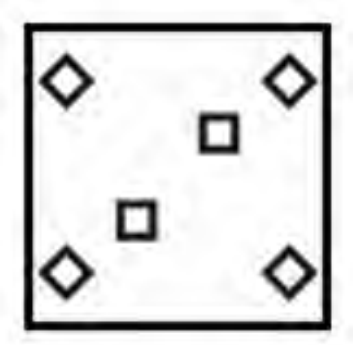
The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



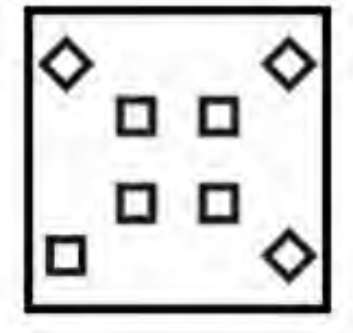
(a)



(b)



(c)



(d)



Answer: (a)

15. Six students, Riya, Mala, Ambika, Kajal, Heena and Sanya, are sitting around a circular table facing the centre (but not necessarily in the same order). Ambika is sitting third to the right of Heena. Riya is the immediate neighbour of Heena and Kajal. Mala is not the immediate neighbour of Heena. Kajal is to the immediate right of Ambika.Who is sitting second to the right of Riya?

(a) Sanya

(b) Mala

(c) Kajal

(d) Heena

Answer: (a)

16. Among five friends P, Q, R, S and T, T is taller than only three other friends. R is the tallest among all friends. Q is taller than only one person. Only two persons are taller than P. Who is the shortest among all the friends?

(a) T

(b) P

(c) Q

(d) S

Answer: (d)

17. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

(8, 4, 48), (3, 6, 36), (8, 6, ?)

(a) 52

(b) 14

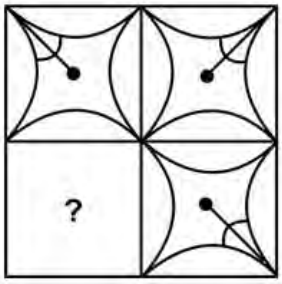
(c) 28

(d) 56

Answer: (d)

18.

Select the option that can replace the question mark (?) in the given figure and complete the pattern.



(a)



(b)



(c)



(d)



Answer: (d)

19. In a certain code language, 'ELITE' is coded as '3', and 'BLUE' is coded as '2'. How will 'ABSENCE' be coded in that language?

(a) 4

(b) 2

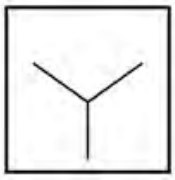
(c) 3

(d) 1

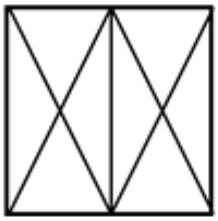
Answer: (c)

20.

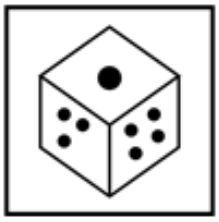
Select the option in which the given figure is embedded (rotation is NOT allowed).



(a)



(b)



(c)



(d)



Answer: (b)

21. In a certain code language, if 'sky' is known as 'earth', 'earth' is known as 'water', 'water' is known as 'air', 'air' is known as 'light', and 'light' is known as 'sound', then what is it that humans breathe in?

(a) Air

(b) Earth

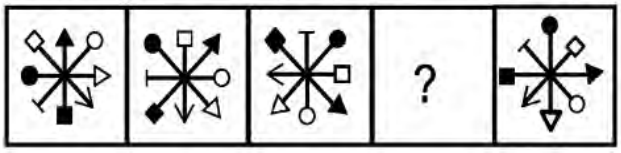
(c) Light

(d) Water

Answer: (c)

22.

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



(a)



(b)



(c)



(d)



Answer: (c)

23. Six books Hindi, Biology, Mathematics, Economics, Physics, Chemistry are placed in two racks facing each other with three books in each rack. Hindi and Chemistry are in the same rack but are not neighbours. Biology is placed exactly opposite to Economics. Biology is just left of Hindi facing South direction. Physics is exactly opposite to Chemistry. Which of the following is placed exactly opposite to Hindi?

(a) Chemistry
(b) Economics
(c) Biology
(d) Mathematics

Answer: (d)

24. 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.

TNG : RLD :: LAC : ?

(a) JYA
(b) JXZ
(c) JYZ
(d) JXA

Answer: (c)

25. 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.

THROUGH : UJUSZMO :: COSTUME : ?

(a) DQYXZSL
(b) DQWXZSL
(c) DQVXZSL
(d) DQVXZSK

Answer: (c)

Numerical Aptitude

1.

Aadish can complete a work in 14 days. If he worked for 8 days, then what fraction of the work would be left?

(a)

$\frac{2}{7}$

(b)

$\frac{3}{7}$

(c)

$\frac{4}{7}$

(d)

$\frac{1}{7}$

Answer: (b)

3.

The diameter of a circle is 42 cm. What is the difference between the lengths of the circumference and the radius of the circle? [Use $\pi = \frac{22}{7}$]

(a)

98 cm

(b)

94 cm

(c)

111 cm

(d)

105 cm

Answer: (c)

5.

A and B together can do a piece of work in 24 days. A alone can do this work in 40 days. In how many days can B alone do this work?

(a)

40 days

(b)

56 days

(c)

60 days

(d)

16 days

Answer: (c)

6.

The salary of Amit is 75% of the salary of Aman. The salary of Amit increases by 40% and the salary of Aman increases by 10%. By what approximate percentage is the new salary of Aman more than the new salary of Amit?

(a)

6.2%

(b)

9.6%

(c)

5.5%

(d)

4.8%

Answer: (d)

8.

Two numbers are in the ratio of 3 : 5. If their HCF is 8, then find the numbers.

(a)

36 and 60

(b)

12 and 20

(c)

48 and 80

(d)

24 and 40

Answer: (d)

10.

Find the speed of a boat in still water if the boat goes 12 km/h along the stream and 4 km/h against the stream.

(a)

10 km/h

(b)

8 km/h

(c)

7 km/h

(d)

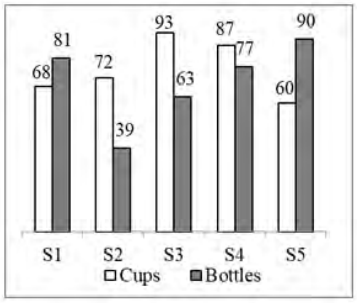
9 km/h

Answer: (b)

11.

Study the given bar-graph and answer the question that follows.

The bar-graph shows the number of bottles and the number of cups sold by five different shops during a given week.



The total number of bottles sold during the given week by th ken together is approximately what percentage of the total number of cups sold during the given week b ive shops taken together?

(a)

96.43%

(b)

92.11%

(c)

87.22%

(d)

89.07%

Answer: (b)

12.

When a watch is sold at $\frac{7}{11}$ of the marked price, there is a loss of 20%. What is the ratio of the marked price to the cost price of this watch?

(a)

$44 : 35$

(b)

$31 : 25$

(c)

$41 : 25$

(d)

$38 : 35$

Answer: (a)

13.

If $A = \frac{2}{3} + \frac{4}{7}$ of $\frac{14}{12}$ and $B = \frac{5}{12}$ of $\frac{7}{15} \times \frac{36}{21}$, then what is the value of $A + B$?

(a)

$\frac{5}{3}$

(b)

2

(c)

$\frac{4}{3}$

(d)

$\frac{2}{3}$

Answer: (a)

14.

कपिला ने ₹320 प्रति फ्रॉक की दर से 100 फ्रॉक्स खरीदीं। परिवहन व्यय ₹1,000 था। उसने प्रति फ्रॉक ₹1.50 का कर दिया और श्रम शुल्क ₹500 था। यदि वह 10% का लाभ कमाना चाहती है, तो प्रति फ्रॉक विक्रय मूल्य कितना होना चाहिए?

(a)

₹385.45

(b)

₹370.15

(c)

₹390.80

(d)

₹336.50

Answer: (b)

15.

A train travels for 2 hours at a speed of 6 m/sec. What is the distance covered by the train in the mentioned duration of time?

(a)

40.8 km

(b)

36.4 km

(c)

46.6 km

(d)

43.2 km

Answer: (d)

16.

If $\frac{1}{2} : x :: x : \frac{1}{8}$, find the positive value of x.

(a)

$\frac{1}{25}$

(b)

$\frac{1}{12}$

(c)

$\frac{1}{4}$

(d)

$\frac{1}{11}$

Answer: (c)

17.

The average of 10 consecutive integers is $\frac{11}{2}$. What is the average of "smallest four" of these integers?

(a)

2.5

(b)

3.5

(c)

3

(d)

2

Answer: (a)

18.

रितिका ने 10 शर्ट्स का प्रत्येक सेट ₹8,000 की दर से खरीदा और उन्हें प्रत्येक 12 शर्ट्स के लिए ₹9,000 की दर से बेच दिया। उसका लाभ या हानि प्रतिशत ज्ञात कीजिए।

(a)

7% लाभ

(b)

7.25% लाभ

(c)

8% हानि

(d)

6.25% हानि

Answer: (d)

19.

In a class of 60 students, the ratio of girls to boys is 2 : 3. If 20 more girls join the class, then what is the new number of girls in the class?

(a)

45

(b)

44

(c)

50

(d)

56

Answer: (b)

23.

The area of a circle is 1386 cm^2. What is the radius of the circle?
[Use $\pi = \frac{22}{7}$]

(a)

21 cm

(b)

7 cm

(c)

14 cm

(d)

18 cm

Answer: (a)

24.

A tree of height 50m was cut so that the height of the tree gets reduced by 10%. Find the present height of the tree.

(a)

45 m

(b)

35 m

(c)

25 m

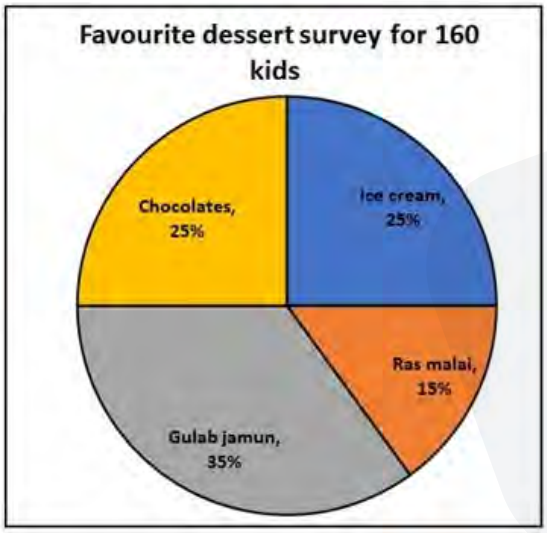
(d)

15 m

Answer: (a)

25.

The following pie chart shows results from a survey of 160 kids about their favourite desserts.



What is the number of kids who like ice cream?

(a)

30

(b)

20

(c)

50

(d)

40

Answer: (d)

General Awareness

1. The lowest known point on earth is called _____, which is present in the Pacific Ocean.
   (a) Factorial Deep
   (b) Challenger Deep
   (c) Great Blue Hole
   (d) Great Barrier Reef
   Answer: (b)

2. Renowned Indian classical dancer Mrinalini Sarabhai was awarded with the _____ in 1965.
   (a) Padma Bhushan
   (b) Padma Vibhushan
   (c) Kalidas Samman
   (d) Padma Shri
   Answer: (d)

3. Which of the following sports was NOT played at the 2020 Summer Olympic Games (Held in 2021)?
   (a) Bridge
   (b) Tennis
   (c) Basketball
   (d) Judo
   Answer: (a)

4. The Satnami Movement in Central India had a mot to:
   (a) improve social status of leatherworkers
   (b) ban child marriage
   (c) open school for girls
   (d) improve widow status
   Answer: (a)

5. Under which Act was the Supreme court established in India?
   (a) Regulating Act of 1773
   (b) Pitt's India Act 1784
   (c) Charter Act of 1853
   (d) Charter Act of 1793
   Answer: (a)

7. Which of the following is an example of a public sector bank in India?
   (a) Federal Bank
   (b) HDFC Bank
   (c) Axis Bank
   (d) Punjab National Bank
   Answer: (d)

8. Which of the following was an integral part of the Indo-Islamic form of architecture?

(a) Domes
(b) Shutter windows
(c) Tall and steep slopes
(d) Square roofs

Answer: (a)

9. Which scheme of Rajasthan launched in 2022 provides the rural girls of the state with scholarship schemes?

(a) Udaan
(b) STARS Project
(c) SAMARTH
(d) Vision 2035

Answer: (a)

10. Who among the following was the first ruler of the Gupta dynasty to adopt the grand title of Maharaj-adhiraja?

(a) Skandagupta
(b) Samudragupta
(c) Chandragupta I
(d) Vishnugupta

Answer: (c)

11. As of April 2022, what is the capital of India's ne bouring country Myanmar?

(a) Dhaka
(b) Naypyidaw
(c) Thimphu
(d) Beijing

Answer: (b)

12. Laho is a folk dance of _____.

(a) Meghalaya
(b) Manipur
(c) Kerala
(d) Maharashtra

Answer: (a)

13. Which Article provides freedom to manage its own affairs in matters of religion?

(a) Article 210
(b) Article 5
(c) Article 26
(d) Article 370

Answer: (c)

14. Who among the following was the first Indian to win an individual gold medal at the Olympic Games?

(a) Abhinav Bindra
(b) Saina Nehwal
(c) Anju Bobby George
(d) Mahesh Bhupathi

Answer: (a)

15. Which of the following is the largest gland in the human body?

(a) Pancreas
(b) Pineal
(c) Liver
(d) Hypothalamus

Answer: (c)

16. Who has the power to abolish or create legislative council in the state?

(a) Parliament
(b) High court of the concerned state
(c) President
(d) Chief minister of the concerned state

Answer: (a)

17. Which of the following festivals is devoted to wor[illegible]ing of the Sun and celebrated mainly by the people of Bihar?

(a) Bohag Bihu
(b) Ugadi
(c) Chhath Puja
(d) Lohri

Answer: (c)

18. Swarnajayanti Gram Swarozgar Yojana (SGSY) was launched in _____.

(a) 1994
(b) 1999
(c) 1992
(d) 1995

Answer: (b)

19. Cobalt therapy is the medical use of _____ rays from the radioisotope cobalt- 60 to treat conditions such as cancer.

(a) alpha
(b) beta
(c) gamma
(d) Ultraviolet

Answer: (c)

20. Amjad Ali Khan is associated with which instrument?
    (a) Veena
    (b) Nadaswaram
    (c) Sarangi
    (d) Sarod
    Answer: (d)

21. In coastal areas, during the night, wind blows from land to sea because:
    (a) low pressure is created on land
    (b) land cools slower than water
    (c) water cools slower than land
    (d) high pressure is created at sea
    Answer: (c)

22. 'Kathakali' is a classical dance form of which Indian state?
    (a) Manipur
    (b) Kerala
    (c) Karnataka
    (d) Assam
    Answer: (b)

23. Which state is the leading producer of sugarcane ndia, as of April 2022?
    (a) Tamil Nadu
    (b) Telangana
    (c) Madhya Pradesh
    (d) Uttar Pradesh
    Answer: (d)

24. Which organelle is found both in eukaryotic and prokaryotic cells?
    (a) Ribosome
    (b) Golgi bodies
    (c) Mitochondria
    (d) Lysosome
    Answer: (a)

25. Who defeated Maharana Pratap in the Battle of Haldighati in 1576?
    (a) Jahangir
    (b) Harihara I
    (c) Akbar
    (d) Nizam Shah
    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

1	**(c)**	2	**(d)**	3	**(c)**	4	**(c)**	5	**(c)**	6	**(a)**	7	**(d)**	8	**(d)**	9	**(d)**	10	**(d)**
11	**(b)**	12	**(c)**	13	**(a)**	14	**(d)**	15	**(a)**	16	**(c)**	17	**(b)**	18	**(b)**	19	**(a)**	20	**(c)**
21	**(c)**	22	**(a)**	23	**(a)**	24	**(b)**	25	**(d)**										

General Intelligence and Reasoning

1	**(a)**	2	**(b)**	3	**(a)**	4	**(a)**	5	**(c)**	6	**(a)**	7	**(a)**	8	**(c)**	9	**(c)**	10	**(c)**
11	**(a)**	12	**(a)**	13	**(d)**	14	**(a)**	15	**(a)**	16	**(d)**	17	**(d)**	18	**(d)**	19	**(c)**	20	**(b)**
21	**(c)**	22	**(c)**	23	**(d)**	24	**(c)**	25	**(c)**										

Numerical Aptitude

1	**(b)**	3	**(c)**	5	**(c)**	6	**(d)**	8	**(d)**	10	**(b)**	11	**(b)**	12	**(a)**	13	**(a)**	14	**(b)**
15	**(d)**	16	**(c)**	17	**(a)**	18	**(d)**	19	**(b)**	23	**(a)**	24	**(a)**	25	**(d)**				

General Awareness

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