

SSC CGL Tier -1 Previous Years' Paper 2nd December Shift 3 (English)







Combined Graduate Level Examination Tier I 2022 2nd December English Shift 3

Section: General Intelligence and Reasoning

1. Select the	correct	mirror	image	of the	given	figure	when	the	mirror	is
placed at AB	as show	/n.								

Α.

В.

C.

D.

Ans. A

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

(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).

(25, 9, 56)

(13, 14, 183)

A. (42, 12, 228)

B. (19, 23, 511)

C. (27, 15, 198) D. (11, 16, 135)

Ans. C

EXAM PREP

- 3. After arranging the given words according to dictionary order, which word will come at 'Third' position?
- 1. Sickle
- 2. Sickly
- 3. Sick
- 4. Sicken
- 5. Sickness
- A. Sicken
- B. Sickle
- C. Sickly
- D. Sick

Ans. C

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









8:496::?:204::9:711 A.6 B.13

C. 5

D. 11

Ans. A

- 5. Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.
- A. 1
- B. 6
- C. 4
- D. 5

Ans. A

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

Cloth: Closet:: Gun:?

- A. Almirah
- B. Bullet
- C. Chest
- D. Armoury

Ans. D

EXAM PREP

- 7. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements. Statements:
- I. Some L are R.
- II. Some A are R.

Conclusion:

- I. All A are L.
- II. All R are L.
- A. Both conclusions I and II follows
- B. Only conclusion II follows
- C. Only conclusion I follows
- D. Neither conclusion follows

Ans. D

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









Α.

В.

C.

D.

Ans. C

- 9. In a certain code language, 'GHOST' is written as 'ONGCB' and 'ABIDE' is written as 'UTMRQ'. How will 'RULES' be written in that language?
- A. DAJQD
- B. WZQJX
- C. DAJQC
- D. DAKQD

Ans. C

10. 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 bears are rabbits.

All rabbits are dogs.

Some dogs are black.

Conclusions.

- I. Some rabbits are black.
- II. Some dogs are bears.
- III. All bears are dogs.
- A. All conclusions follow.
- B. Only conclusions I and II follow.
- C. Only conclusions II and III follow.
- D. Only conclusions I and III follow.

Ans. C

11. In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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. 4 - 64

B. 3 - 44









C. 6 - 216 D. 5 - 125 Ans. B

12. 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)

(30, 93, 1) (42, 132, 2) A. (14,20,25) B. (3,30,7)

C. (4,60,5)

D. (5,31,29)

Ans. B

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

Α.

В.

C. D.

Ans. D



14. In a certain code language, 'EARLY' is written as 'ZNSCF' and 'GAUGE' is written as 'FIVCH'. How will 'INBOX' be written in that language?

A. JPCQY

B. YQCPJ

C. XPBOI D. YQCQJ

Ans. B

15. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Sparrows: Tree A. Owl: Night B. Fish: Water C. Rabbit: Sand





D. Cow: Beach

Ans. B

16. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.

- $A. + \times \div$
- $B. + \times \times$
- $C. + \div \div$
- D. $+ + \times$

Ans. A

17. Based on the position in the English alphabetical order, three of the following letter- clusters are alike in some manner and one is different. Select the odd letter-cluster.

- A. IDAY
- B. SNJH
- C. VQMK
- D. QLHF

Ans. A

18. By interchanging the given two signs which of the following equation will be not correct?

A.
$$4 \times 6 + 7 - 3 \div 1 = 20$$

B.
$$18 + 8 \times 6 \div 3 - 11 = 13$$

C.
$$18 \div 3 + 8 \times 5 - 4 = 30$$

D.
$$6 \times 9 + 7 - 8 \div 2 = 51$$

Ans. B

19. By interchanging the given two signs and numbers which of the following equation will be correct?

A.
$$7 \times 4 - 2 \div 1 + 5 = 13$$

B.
$$9 - 5 \div 4 \times 2 + 8 = 80$$

C.
$$7 - 8 \div 2 + 16 \times 4 = 18$$

$$4.5 + 7 \times 4 - 8 \div 2 = 5$$

Ans. A

20. If A + B means that A is the brother of B, A \times B means that A is the sister of B, A \div B means that A is the father of B then which of the following expression shows that P is the brother of R?

$$A. P \times Q + R$$

B.
$$P + Q \times R$$









C. $P + Q \div R$ D. $P + R \times Q$

Ans. C

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

Α.

В.

C.

D.

Ans. D

22. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

ACC, UZD, OWE, ITF, ?

A. REN

B. CMR

C. CRM

D. CQG

Ans. D

23. Which letter-cluster will replace the question mark (?) to complete the given series?

CZNM, FXOL, IVPK, ?, ORRI

A. LTQJ

B. LSQK

C. LSQJ

D. LTRK

Ans. A

24. R + S means 'R is the daughter of S'

R = S means 'R is the father of S'

 $R \div S$ means 'R is the wife of S'

 $R \times S$ means 'R is the brother of S'

 $E \div F \times J + L = M$, then how is L related to E?

A. Father

B. Brother

C. Father-in-law

D. Wife

Ans. C

25. In the following question, select the missing number from the given series. 111, 222, 444, ?, 1776, 3552

A. 999

B. 1780









C. 1770 D. 888 Ans. D











Section: General Awareness

- 1. In Table Tennis, how many lets are allowed in a row on a serve?
- A. One
- B. Three
- C. Unlimited
- D. Two
- Ans. C
- 2. Which Part of the Constitution of India reflects the Fundamental Duties?
- A. Part IX-B
- B. Part XII
- C. Part IV-A
- D. Part X
- Ans. C
- 3. How many maximum electrons can M shell have?
- A. 18
- B. 1
- C. 2
- D. 8
- Ans. A
- 4. Which layer of atmosphere helps in radio transmission?
- A. Mesosphere
- B. Stratosphere
- C. Thermosphere
- D. Exosphere
- Ans. C
- 5. Which of the following is celebrated as the "Tibetan New Year"?
- A. Murung
- B. Losar
- C. Myoko
- D. Lohang
- Ans. B
- 6. In 1955, which synthetic element is provisionally named Mendelevium in honor of Dmitri Mendeleev, who created one of the first periodic tables?
- A. Element 101
- B. Element 90
- C. Element 103
- D. Element 106
- Ans. A









7. During which of the following period Ostriches were found in India? A. Mesolithic B. Palaeolithic C. Neolithic D. Chalcolithic Ans. B
8. President Droupadi Murmu has appointed Dr. Justice Dhananjaya Yashwant Chandrachud as the Chief Justice of India. A. 48th B. 49th C. 51st D. 50th Ans. D
9. What do you call a component of identical size that offers a higher resistance to electricity? A. very good conductor B. Semi- conductor C. Good conductor D. Poor conductor Ans. D 10. Which of the following Indian classical dance forms uses various colours on face to symbolise the characters? A. Odissi B. Bharatanatyam C. Mohiniattam D. Kathakali Ans. D
 11. The Maharashtra Department of Prisons has launched a loan scheme for inmates serving sentences in jails across the state. This credit scheme is titled A. Kishore B. Swavlamban C. Sukanya D. Jivhala Ans. D
12. In Trans – Siberian railway system Vladivostoclies on coast.A. PacificB. AntarcticC. Arctic









D. Atlantic

Ans. A

- 13. When did the Mongol ruler Genghis Khan die?
- A. 1210
- B. 1227
- C. 1219
- D. 1235

Ans. B

- 14. Which company has set up a factory on the banks of river Hugli in 1651?
- A. English
- B. Danish
- C. Portuguese
- D. French

Ans. A

- 15. Who has become the 12th Chief minister of Uttarakhand?
- A. Pramod Sawant
- B. Bhagwant Singh Mann
- C. Pushkar Singh Dhami
- D. Biren Singh

Ans. C

- 16. In which state is the Maihar court where Baba Allauddin Khan was a musician?
- A. Chhattisgarh
- B. Tripura
- C. Uttar Pradesh
- D. Madhya Pradesh

Ans. D

- 17. The crop area under high yielding varieties of which amongst the following crop grew considerably during the Green Revolution?
- A. Sugarcane
- B. Wheat
- C. Oilseeds
- D. Pulses

Ans. B

- 18. According to Mendeleev's periodic table, what was the atomic mass of Eka-aluminium which was later replaced by Gallium?
- A. 95
- B. 83









C. 50

D. 68

Ans. D

- 19. What is the outermost layer found in the cell envelope of the bacterial cell called?
- A. Cell membrane
- B. Cytoplasm
- C. Glycocalyx
- D. Plasma membrane

Ans. C

- 20. In which of the following months did the Australian Open take place in 2022?
- A. January
- B. April
- C. February
- D. March

Ans. A

- 21. Which Article of the Constitution separates the judiciary from the executive?
- A. Article 144
- B. Article 143
- C. Article 74
- D. Article 50

Ans. D



22. Merchants a	and migrants first	brought the	teachings of	the holy (uran to
India in the $__$	century.				

- A. ninth
- B. seventh
- C. fourth
- D. sixth

Ans. B

- 23. Who among the following is known as a pioneering dance educationist and a prominent Mohiniyattam exponent?
- A. Madhavi Mudgal
- B. Shagun Butani
- C. Mohanrao Kallianpurkar
- D. Dr Kanak Rele

Ans. D









- 24. Which of the following statement is correct?
- I. The nutrition requirements of adolescents are higher than adult.
- II. Adolescents are generally grouped in the age group of 10 to 19 years.
- A. Only II
- B. Neither I nor II
- C. Only I
- D. Both I and II

Ans. D

- 25. The value of GDP at the current prevailing prices is called ______ .
- A. domestic GDP
- B. real GDP
- C. nominal GDP
- D. current GDP

Ans. C











Section: Quantitative Aptitude

1. A cuboid of length 36 m, breadth 18 m and height 9 m is melted and recast into a cube. Find the length of the diagonal of the cube.

A. 15

B. 12

C. 18

D. 17

Ans. C

2. Study the given table and answer the question that follows. Find the difference between the number of female students and male students who opted biology in school C.

School name			Ratio of male to female students
		Biology	who opted Biology
Α	900	30	7:8
В	400	38	9:10
С	1000	24	1:2
С	800	18	5:7

A. 160

B. 200

C. 240

D. 80

Ans. D

3. The following table shows the number of delivery partners (in thousands) who joined five different companies during six different years.

Year	Companies							
'	Emazon	Clipkart	Twiggy	Tomato	Pyntra			







2016	2.4	4.5	1.2	0.9	4.2
2017	1.8	5.4	1.5	1.2	5.6
2018	5.2	7.2	2.4	2.1	6.3
2019	3.9	5.6	2.8	2.7	6.5
2020	4.2	6.4	3.2	3.3	7.0
2021	5.0	7.2	3.6	3.6	7.2

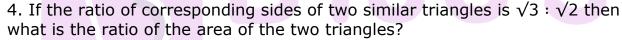
A. 25.87%

B. 26.57%

C. 27.58%

D. 28.57%

Ans. D



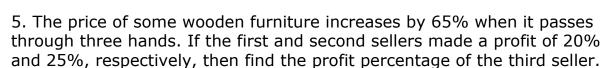
A. 27:8

B. 9:4

C. $\sqrt{3} : \sqrt{2}$

D. 3:2

Ans. D



A. 8%

B. 10%

C. 16%

D. 12.5%

Ans. B

6. The length of the tangent to a circle from a point P is 15 cm. Point P from the centre. What is the radius of the circle?

A. 4 cm

B. 7 cm

C. 9 cm

4.8 cm









Ans. D

- 7. The value of cot 15° cot 25° cot 45° cot 75° cot 65° is:
- A. 1
- B. 2
- C.
- D.
- Ans. A
- 8. In triangle PQR, right angled at Q, if $\cot P =$, then the value of $\sin P$ is:
- Α.
- В.
- C.
- D. 1
- Ans. A
- 9. If a man travels at km/h on a journey and returns at km/h, then his average speed for the journey is:
- Α.
- В.
- C.
- D.
- Ans. C
- 10. What annual instalment will discharge a debit of ₹5,664 in 4 years at 12% simple interest?
- A. ₹1,230
- B. ₹1,210
- C. ₹1,220
- D. ₹1,200
- Ans. D
- 11. If a + b + c = 6, $a^2 + b^2 + c^2 = 14$ and ab + bc + ca = 11, then what is the value of $a^3 + b^3 + c^3 3abc$?
- A. 42
- B. 31
- C. 18
- D. 12
- Ans. C
- 12. How far will the tip of a 2cm-long minute hand of a clock move in 45 minutes?
- А. 2п ст
- В. 3п ст









С. 4п ст

D. п ст

Ans. B

13. Various expenditures incurred by a publishing company for publishing a book in 2008 are given in the following pie-chart. Study the chart and answer the question.

Price printed on a book is 15% above the cost price. If the price printed on a book is ₹942, then the cost of paper for a single copy in ₹ is (rounded off to one decimal place)

A ₹ 182.5

B. ₹ 188.5

C. ₹ 220.6

D. ₹ 122.9

Ans. D

14. Sunil purchased a fan at a 10% discount on the labelled price. If he had purchased it at a 15% discount, he would have saved ₹400. Find the labelled price of the fan.

A. ₹8,000

B. ₹800

C. ₹8,400

D. ₹7,500

Ans. A

EXAMDDED

15. The radius of a right circular cylinder is five times of its height. If the height of the cylinder is 3.5 cm, then what is the volume of cylinder?

A. 3872.75 cm³

B. 3146.75 cm³

C. 3368.75 cm³

D. 3524.25 cm³

Ans. C

16. The difference of two numbers is 1564. After dividing the larger number by the smaller, we get 6 as quotient and 19 as remainder. What is the smaller number?

A. 623

B. 287

C. 309

D. 456

Ans. C









17. 3	If on	e mar	n or tw	vo wo	men	or fo	ur bo	ys o	r five	girls	can	finish	a w	ork in
39 d	lays,	then	how n	nany (days	will	one m	ian,	one	woma	n, o	ne boy	an an	d one
girl t	toget	ther ta	ake to	finish	the	same	e wor	k?						

A. 30

B. 10

C. 20

D. 40

Ans. C

18. In a 100-m race, A beats B by 20 m and B beats C by 20 m. By how much distance does A beat C.

A. 25 m

B. 36 m

C. 24 m

D. 64 m

Ans. B

19. If , then what is the value of?

A. 18

B. 52

C. 42

D. 36

Ans. A

20. What is the ratio of the fourth proportional of 2, 5, 6 and the fourth proportional of 6, 8, 9?

A. 5:4

B. 3:4

C.5:3

D. 3:2

Ans. A

21. In an election between two candidates, 12% of voters did not cast their votes. The winner by obtaining 68% of the total votes defeated his contestant by 2880 votes. What was the total number of voters who cast their votes in the election?

A. 6000

B. 4000

C. 8000

D. 5280

Ans. D

22. The table given below shows the production of five companies in two years.









Company	Years					
I	Y1	Y2				
А	50	100				
В	90	120				
С	30	80				
D	80	50				
Е	20	40				

- J1 = The average production of A in year Y1 and Y2.
- J2 = Sum of production of B, C and D in year Y1 and Y2. What is the value of (<math>J2/J1)?
- A. 4
- B. 3
- C. 6
- D. 5
- Ans. C

EXAM PREP

- 23. Simplify the following
- A. 1042
- B. 1078
- C. 1056
- D. 1064
- Ans. B
- 24. The HCF of two numbers 2040 and 391 is:
- A. 16
- B. 21
- C. 18
- D. 17
- Ans. D
- 25. Side of an equilateral triangle is 24 cm. What will be the radius of in circle of this equilateral triangle?
- A. 8 cm









B. 3 cm C. 6 cm D. 12 cm Ans. A











Section: English Comprehension

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

They will go to bed / early since they / have to get up / at five on the morning.

- A. have to get up
- B. at five on the morning
- C. early since they
- D. They will go to bed

Ans. B

- 2. Select the option that expresses the given sentence in passive voice.
- All his friends laughed at him.
- A. His friends were being laughed at by him.
- B. All his friends were laughing at him.
- C. He was laughed at by all his friends.
- D. He became laughable to his friends.

Ans. C

- 3. Select the INCORRECTLY spelt word.
- A. Bellow
- B. Beneth
- C. Belly
- D. Belief

Ans. B



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

Magnify

- A. Underemphasise
- B. Miniature
- C. Expand
- D. Magnanimous

Ans. C

- 5. Choose the incorrectly spelt word. Ans A. Clemency
- B. Avariciuos
- C. Nostalgic
- D. Hegemony

Ans. B

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

One who has the ability to do many different things









- A. Adaptable
- B. Versatile
- C. Expert
- D. Specialist

Ans. B

- 7. Select the correct indirect form of the given sentence. She said, "She must leave all the bad habits."
- A. She said that she could leave all the bad habits
- B. She said that she must have leave all the bad habits
- C. She said she has to leave all the bad habits
- D. She said that she had to leave all the bad habits.

Ans. D

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

Adjust or make right; correct, amend

- A. Recourse
- B. Recreate
- C. Recruit
- D. Rectify

Ans. D

- 9. Select the most appropriate meaning of the given idiom.
 Beat around the bush
- A. Avoid using foul words to make someone uncomfortable
- B. Avoid praising someone and demean
- C. Avoid saying what you mean, usually because it is not funny
- D. Avoid the main point by talking in a roundabout way

Ans. D

- 10. Rearrange the parts of the sentence in correct order. There are
- P. reports that toy shops and other
- Q. to prepare for the Christmas rush
- R. non-food retailers are struggling to
- S. get enough stock into their warehouses
- A. PRSQ
- B. RPSQ
- C. QRPS
- D. SQRP

Ans. A

11. Select the most appropriate synonym of the given word. Deliberate









- A. Casual
- B. Rushed
- C. Planned
- D. Hasty

Ans. C

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

Our office is in the 2nd floor of the skyscraper.

- A. is for the 2nd floor
- B. is on the 2nd floor
- C. is at the 2nd floor
- D. is with the 2nd floor

Ans. B

- 13. Select the sentence with the appropriate use of preposition.
- A. It has been raining till morning.
- B. It has been raining since morning.
- C. It has been raining by morning.
- D. It has been raining from morning.

Ans. B

- 14. Select the most appropriate ANTONYM of the underlined word. Regardless of their <u>diversity</u>, all flowers have a uniform function, the reproduction of the species <u>through</u> the <u>production</u> of <u>seed</u>.
- A. Equilibrium
- B. Melancholy
- C. Uniformity
- D. Affinity

Ans. C

- 15. Select the correct active form of the given sentence. Was the message given by him?
- A. Did he gave the message?
- B. Does he give the message?
- C. Was he given the message?
- D. Did he give the message?

Ans. D

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

The date when both, day and night are of approximately equal length

- A. Equilibrium
- B. Equine









C. Equator D. Equinox Ans. C
17. Select the most appropriate option to complete the given sentence. One must learn to a line between one's private and professional life. A. catch B. bring C. draw D. get Ans. C
18. Select the most appropriate synonym of the underlined word in the following sentence. Visiting a book fair always fills my heart with a great <u>satisfaction</u> . A. bliss B. pride
C. refreshment
D. contentment
Ans. D

19. A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.

Be it a chaat or a refreshing lemonade, lemon is the need of the hour in summers.

- A. freezing
- B. scorching
- C. banging
- D. alleviating

Ans. B

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

Having or showing an excessively high opinion of one's appearance, abilities, or worth

- A. Superior
- B. Domineering
- C. Otiose
- D. Vain

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.









Memory loss, with aging, is (1) a natural and normal (2) The symptoms range from forgetting simple daily life activities and (3) familiar tasks such as driving or baking. However, there can be several other factors (4) for it and these vary from person to person. Memory loss can be (5) or total depending upon the condition. Sub Question No: 21 21. Select the most appropriate option to fill in blank number 1. A. consider B. considered C. regard D. denied Ans. B
Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Memory loss, with aging, is (1) a natural and normal (2) The symptoms range from forgetting simple daily life activities and (3) familiar tasks such as driving or baking. However, there can be several other factors (4) for it and these vary from person to person. Memory loss can be (5) or total depending upon the condition. Sub Question No: 22 22. Select the most appropriate option to fill in blank number 2. A. method B. process C. trial D. type Ans. B
Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Memory loss, with aging, is (1) a natural and normal (2) The symptoms range from forgetting simple daily life activities and (3) familiar tasks such as driving or baking. However, there can be several other factors (4) for it and these vary from person to person. Memory loss can be (5) or total depending upon the condition. Sub Question No: 23 23. Select the most appropriate option to fill in blank number 3. A. prospering B. performing C. acknowledging D. rectifying Ans. B









Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Memory loss, with aging, is (1) a natural and normal (2) The symptoms range from forgetting simple daily life activities and (3) familiar tasks such as driving or baking. However, there can be several other factors (4) for it and these vary from person to person. Memory loss can be (5) or total depending upon the condition. Sub Question No: 24 24. Select the most appropriate option to fill in blank number 4. A. significance B. affluent C. commendable D. responsible Ans. D
Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Memory loss, with aging, is (1) a natural and normal (2) The symptoms range from forgetting simple daily life activities and (3) familiar tasks such as driving or baking. However, there can be several other factors (4) for it and these vary from person to person. Memory loss can be (5) or total depending upon the condition. Sub Question No: 25 25. Select the most appropriate option to fill in blank number 5. A. completely B. incomplete C. partially D. partial Ans. D







Buy Test Series

Unlock All 650+ Mock Tests for SSC & Railway

- Unlimited Access
- All Exams covered
- Designed by Experts
- Performance Analysis

https://byjusexamprep.com