



## SSC CGL TIER-1 MODEL PAPER

### ENGLISH COMPREHENSION

**Q1.Directions:** In these questions the sentences have been given in **Active/ Passive Voice**. From the given alternatives choose the one which best expresses the given sentence in Passive/Active Voice.

Circumstances will oblige me to go.

- (a) I will oblige the circumstances and go.
- (b) I shall be obliged to go by the circumstances.
- (c) Under the circumstances I should go.
- (d) I would be obliged by the circumstances to go.

**Q2.Directions:** In these questions the sentences have been given in **Active/ Passive Voice**. From the given alternatives choose the one which best expresses the given sentence in Passive/Active Voice.

Our task had been completed before sunset.

- (a) We completed our task before sunset.
- (b) We have completed our task before sunset.
- (c) We complete our task before sunset.
- (d) We had completed our task before sunset.

**Q3.Directions :** In these questions choose the word opposite in meaning to the word given in bold.

**GENTLEMAN**

- (a) clown
- (b) boor
- (c) dud
- (d) buffoon

**Q4.Directions :** In these questions choose the word opposite in meaning to the word given in bold.

**AFFLUENT**

- (a) famous
- (b) insignificant
- (c) poor
- (d) skilled

**Q5.Directions:** In the following questions, a sentence has been given in **Direct/Indirect Speech**. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct Speech.

"Mohan made this mess. Let him clear it up", said his father.

- (a) Mohan's father said that Mohan had made the mess and proposed that he clear It up.
- (b) Mohan's father said that Mohan had made the mess and that he was to clear It.
- (c) Mohan's father said that Mohan had made the mess and suggested that he clear it.
- (d) Mohan's father said that Mohan had made the mess and that he should clear It.

**Q6.Directions:** In the following questions, a sentence has been given in **Direct/Indirect Speech**. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct Speech.

He ordered his servant to do as he was told.

- (a) He ordered his servant "Do as you are told."
- (b) He said to his servant "Do as you are told."
- (c) He said to his servant. "Do as I told you."
- (d) He said to his servant "Do as you were told."

**Q7. Directions :** In each questions read each sentence to find out the whether there is **any error** in it. The error if any will be in one part of the sentence. The number of that part is the answer. Ignore the errors of punctuations if any.

Scarcely had (1)/I arrived than(2)/the train left (3) /No Error (4)

- (a) Scarcely had
- (b) I arrived than
- (c) the train left
- (d) No Error

**Q8. Directions :** In each questions read each sentence to find out the whether there is **any error** in it. The error if any will be in one part of the sentence. The number of that part is the answer. Ignore the errors of punctuations if any.

The beautiful (1)/ surrounding of the place (2)/ enchanted me(3)/ No error (4)

- (a) The beautiful
- (b) surrounding of the place
- (c) enchanted me
- (d) No error

**Q9.**All decisions \_\_\_\_\_ are likely to be taken by consensus

- (a) anyhow
- (b) forever
- (c) somehow
- (d) however

**Q10.**My friends fail to see why I should ride the \_\_\_\_\_ horse just because I have won a prize

- (a) great
- (b) good
- (c) big
- (d) high

**Q11.Directions:** In the following questions, four alternatives are given for the **Idiom/Phrase** printed in bold in the sentence. Choose the alternative which best expresses the meaning of the Idiom/ Phrase.

The watchdogs were asleep when the bulls ran riot.

- (a) behaved cleverly
- (b) acted without restraint
- (c) wandered aimlessly
- (d) had the best of time



**Q12.Directions:** In the following questions, four alternatives are given for the **Idiom/Phrase** printed in bold in the sentence. Choose the alternative which best expresses the meaning of the Idiom/ Phrase.

The prodigal son was left high and dry by his friends, when he lost all his money.

- (a)wounded
- (b)alone
- (c)depressed
- (d)neglected

**Q13. Directions:** Out of the four alternatives, choose the one which can be **substituted** for the given words/sentence.

Concluding part of a literary work

- (a)Epilogue
- (b) Bibliography
- (c) Soliloquy
- (d) Episode

**Q14. Directions:** Out of the four alternatives, choose the one which can be **substituted** for the given words/sentence.

A underhand device resorted to in order to justify misconduct

- (a) Subterfuge
- (b) Manoeuvre
- (c) Stratagem
- (d) Complicity

**Q15. Directions :** In these questions, the first and last sentence of the passage are numbered 1 and 6. The rest of the passage is split into four parts and named P,Q,R,S. These four parts are not given in proper order. Read the sentences and find out which of the four combinations is correct.

1.Abraham worked very hard and had no time to feel lonely.

P.Abraham was very fond of books.

Q.When his day's work in the fields or in the forest was over he settled down in the evenings to read by the light of the fire.

R.She used to sit by the fireside in the evenings and tell him stories.

S.His mother had taught him to read when he was very young.

6. Every evening he would spend his time in reading all the books he could find.

- (a) QSRP
- (b) SPRQ
- (c) PSRQ
- (d) PRSQ

**Q16. Directions :** In these questions, the first and last sentence of the passage are numbered 1 and 6. The rest of the passage is split into four parts and named P,Q,R,S. These four parts are not given in proper order. Read the

sentences and find out which of the four combinations is correct.

- 1. Can any one
- P.falsehood triumph
- Q. and let
- R.for a long time
- S.suppress truth
- 6. permanently?
- (a) RQSP
- (b) QPRS
- (c) SRQP
- (d) PRQS

**Q17.Directions:** In the following questions, a sentence/ part of the sentence is printed in bold. Below are given alternatives which may **improve the bold part**. Choose the correct alternative. In case no improvement is needed, your answer is No Improvement.

If I am the P.M. I would ban all processions.

- (a)will be
- (b) were
- (c) am
- (d) No improvement

**Q18.Directions:** In the following questions, a sentence/ part of the sentence is printed in bold. Below are given alternatives which may **improve the bold part**. Choose the correct alternative. In case no improvement is needed, your answer is No Improvement.

He was weary of failure, Didn't he ?

- (a)isn't he
- (b)wasn't he
- (c)doesn't he
- (d)No improvement

**Q19.Directions:** In the following questions out of the four alternatives, choose the one which best expresses, the meaning of the given word.

OBSESSION

- (a)pre-occupation
- (b)suspicion
- (c)frustration
- (d)dejection

**Q20.Directions:** In the following questions out of the four alternatives, choose the one which best expresses, the meaning of the given word.

FATUOUS

- (a)(l)fastidious
- (b)fantastic
- (c) funny
- (d)silly

**Q21.DIRECTIONS :** YOU HAVE ONE BRIEF PASSAGE WITH LIVE QUESTIONS. READ THE PASSAGE CAREFULLY AND CHOOSE THE BEST ANSWER TO EACH QUESTION OUT OF THE FOUR ALTERNATIVES.



The achievement of science in the twentieth century has been very great. Its influence can be felt in every sphere of life. From the small pins and needles to the huge iron sheets and joints most of the things we require for our everyday use come out of factories where scientific principles are utilized for practical ends. Science has enabled man to bring forces of nature under control and to use them for his own advantage. It has brought the distant parts of the world close together. Our knowledge of the universe has been much widened on account of the untiring efforts of the astronomers like Jeans and Eddington. Remarkable cures of human diseases have been possible owing to the discovery of some wonderful medicines.

The main idea of the passage is

- (a) the impact of science can be felt in every sphere of life
- (b) science is an anathema
- (c) nothing is beyond the purview of science
- (d) science can work miracles

**Q22.** The mode of approach is

- (a) logical.
- (b) anatomical.
- (c) descriptive.
- (d) expository.

**Q23.** What has enabled man to harness the forces of nature to the advantage of mankind?

- (a) Arts.
- (b) Oratory.
- (c) Bravery.
- (d) Science.

**Q24.** Science has proved a great boon for

- (a) scientists.
- (b) artists
- (c) explorers.
- (d) mankind.

**Q25.** The most appropriate title for the passage will be

- (a) Science is a curse
- (b) Science a great boon
- (c) Achievements of science
- (d) None of these

### NUMERICAL APTITUDE

**Q26.** The bus fare and train fare of a place from Kolkata were Rs. 20 and Rs. 30 respectively. Train fare has been increased by 20% and the bus fare has been increased by 10%. The ratio of new train fare to new bus fare is:

- (a) 11 : 18
- (b) 18 : 11
- (c) 5 : 3
- (d) 3 : 5

**Q27.** On a certain sum of money, the difference between the compound interest for a year, payable half yearly, and the simple interest for a year is Rs. 1

**80.** If the rate of interest in both the cases is 10%, then the sum is:

- (a) Rs.60000
- (b) Rs.72000
- (c) Rs. 62000
- (d) Rs. 54000

**Q28.** The angle of elevation of the top of a tower from a point A on the ground is  $30^\circ$ . On moving a distance of 20 meters towards the foot of the tower to a point B, the angle of elevation increases to  $60^\circ$ . The height of the tower is

- (a)  $\sqrt{3}$  m
- (b)  $5\sqrt{3}$  m
- (c)  $10\sqrt{3}$  m
- (d)  $20\sqrt{3}$  m

**Q29.** In trapezium ABCD,  $AB \parallel CD$  and  $AB = 2CD$ . Diagonals intersect at O. If the area of  $\Delta AOB = 84 \text{ cm}^2$  then the area of  $\Delta COD$  is equal to

- (a)  $21 \text{ cm}^2$
- (b)  $72 \text{ cm}^2$
- (c)  $42 \text{ cm}^2$
- (d)  $26 \text{ cm}^2$

**Q30.** The LCM of two numbers is 520 and their HCF is

4. If one of the number is 52, then the other number is :

- (a) 40
- (b) 42
- (c) 50
- (d) 52

**Q31.** A shopkeeper bought 15 kg of Rice at the Rs 29 per kg and 25 kg at Rs. 20 per kg. He sold the mixture of both types of rice at the rate of Rs.27 per kg. His profit in this transaction?

- (a) Rs. 1.25
- (b) Rs. 150
- (c) Rs. 140
- (d) Rs.145

**Q32.** A, B and C share profit in the ratio of  $1/4 : 1/6 : 1/2$ .

If C retires, they share the profit of C in the ratio of 4:5 respectively. The new profit sharing ratio of A and B will be :

- (a) 55 : 53
- (b) 53: 55
- (c) 5 : 3
- (d) 3 : 5

**Q33.** A pipe can fill a cistern in 9 hours. Due to a leak in its bottom, the cistern fills up in 10 hours. If the cistern is full, in how much time will it be emptied by the leak?

- (a) 70 hours
- (b) 80 hours



- (c) 90 hours  
(d) 100 hours

**Q34.** If  $\theta$  be acute angle and  $\cos \theta = 15/17$ , then the value of  $\cot (90^\circ - \theta)$  is :

- (a)  $2\sqrt{8}/15$   
(b)  $8/15$   
(c)  $\sqrt{2}/17$   
(d)  $8\sqrt{2}/17$

**Q35.**  $\sqrt[3]{15612 + \sqrt{\{154 + \sqrt{225}\}}}$  is equal to

- (a) 15  
(b) 25  
(c) 75  
(d) 125

**Q36.** If  $\sqrt{2} = 1.4142$ , find the value of  $2\sqrt{2} + \sqrt{2} + \frac{1}{2+\sqrt{2}} - \frac{1}{2-\sqrt{2}}$

- (a) 1.4144  
(b) 2.8284  
(c) 28.284  
(d) 2.4142

**Q37.** A man with  $3/5$  of his usual speed reaches the destination  $5/2$  hours late. Find his usual time to reach the destination

- (a) 4 hours  
(b) 3 hours  
(c)  $15/4$  hours  
(d)  $9/2$  hours

**Q38.** If  $2x + \frac{2}{x} = 3$ , then the value of  $x^3 + \frac{1}{x^3} + 2$  is :

- (a)  $-9/8$   
(b)  $-25/8$   
(c)  $7/8$   
(d) 11

**Q39.** The simple interest in a sum of money is  $1/16$  of the principal and the number of years is equal to the rate per annum

- (a)  $3/2$  %  
(b)  $5/2$  %  
(c)  $7/2$  %  
(d)  $49/2$  %

**Q40.** A box contains 420 coins of 1 rupees 50 paise and 20 paise coins, The ratio of their values is 13 : 11 : 7. The number of 50 paise coins is:

- (a) 42  
(b) 78  
(c) 66  
(d) 132

**Q41.** A work can be completed by P and Q in 12 days. Q and R in 15 days, R and P in 20 days. In how many days P alone can finish the work ?

- (a) 10 days  
(b) 20 days

- (c) 30 days  
(d) 60 days

**Q42.** By selling 80 ball pens for Rs. 140 a retailer losses 30%. How many ball pens should he sell for Rs. 104 so as to make a profit of 30% ?

- (a) 32  
(b) 52  
(c) 48  
(d) 42

**Q43.** If radius of a circle is increased by 5%, then the increment in its area is

- (a) 10.25%  
(b) 5.75%  
(c) 10%  
(d) 5%

**Q44.** Find the maximum number of trees which can be planted, 20 metres apart, on the two sides of a straight road 1760 metres long

- (a) 180  
(b) 178  
(c) 174  
(d) 176

**Q45.** A shopkeeper purchased a chair marked at Rs. 600 at two successive discounts of 15% and 20% respectively. he spent Rs. 28 on transportation and sold the chair for Rs. 545, His gain percent was

- (a) 25%  
(b) 30%  
(c) 35%  
(d) 20%

**Q46.** 12 spheres of the same size are made by melting a solid cylinder of 16cm diameter and 2cm height. The diameter of each sphere is:

- (a) 2 cm  
(b) 4 cm  
(c) 3 cm  
(d)  $\sqrt{3}$  cm

**Q47.** If the volume of a sphere is numerically equal to its surface area then its diameter is;

- (a) 4 cm  
(b) 6 cm  
(c) 3 cm  
(d) 2 cm

**Q48.** If  $x = a (\sin\theta + \cos\theta)$ ,  $y = b (\sin\theta - \cos\theta)$  then the value of

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} \text{ is :}$$

- (a) 0  
(b) 1  
(c) 2  
(d) -2



**Q49.** If  $a * b = 2a - 3b + ab$  then  $3 * 5 + 5 * 3$  is equal to :

- (a) 22
- (b) 24
- (c) 26
- (d) 28

**Q50.** The salary of a person is decreased by 25% and then the decreased salary is increased by 25%. His new salary in comparison with his original salary is:

- (a) the same
- (b) 6.25% more
- (c) 6.25% less
- (d) 0.625% less

### GENERAL INTELLIGENCE & REASONING

**Q51.Direction:** In each of the following questions, select the related word from the given alternatives.

Sorrow : Joy :: Pleasure : ?

- (a) Anger
- (b) Pain
- (c) Jealousy
- (d) Malice

**Q52.Direction:** In each of the following question, select the related number from the given alternatives.

122 : 170 :: 290 : ?

- (a) 362
- (b) 299
- (c) 315
- (d) 341

**Q53.Direction:** In each of the following questions, select the related letter from the given alternatives.

UH : KKI :: CIA : ?

- (a) BJB
- (b) BBC
- (c) DBB
- (d) CBZ

**Q54.** Seema is the daughter-in-law of Sudhir and sister-in-law of Ramesh. Mohan is the son of Sudhir and only brother of Ramesh. Find the relation between Seema and Mohan.

- (a) Sister-in-law
- (b) Aunt
- (c) Cousin
- (d) Wife

**Q55.Direction:** In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '-' stands for '+', '+' stands for 'x', 'x' stands for '-' then which one of the following is not correct ?

- (a)  $22 + 7 - 3 \times 9 = 148$
- (b)  $33 \times 5 - 10 + 20 = 228$
- (c)  $7 + 28 - 3 \times 52 = 127$

(d)  $44 - 9 + 6 \times 11 = 87$

**Q56.** Find the odd man out from the given responses ?

- (a) Running
- (b) Swimming
- (c) Dancing
- (d) Breathing

**Q57.** Find the odd man out from the given responses ?

- (a) Foreword
- (b) Text
- (c) Index
- (d) Preface

**Q58.** Find the odd man out from the given responses ?

- (a) Soldier - Barrack
- (b) Principal - School
- (c) Artist-Troupe
- (d) Singer - Chorus

**Q59.** Mani starts from college and walks 3 kms towards East, turns right and walks 2 kms, turns right again and walks. What is the **direction** he is now facing?

- (a) South
- (b) North
- (c) West
- (d) East

**Q60.** 'A' walks 10 metres in front and 10 metres to the right. Then every time turning to his left, he walks 5, 15 and 15 metres respectively. How far is he now from his starting point?

- (a) 5 metres
- (b) 10 metres
- (c) 20 metres
- (d) 25 metres

**Q61.Directions:** In each of the following questions a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series

2, 7, 27, 107, ?

- (a) 327
- (b) 427
- (c) 227
- (d) 127

**Q62.Directions:** In each of the following questions a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series

10, 14, 19, 25, ?

- (a) 32
- (b) 30
- (c) 31
- (d) 33

**Q63.Direction:** In the following series the number of letters skipped in between the adjacent letters in the series in the same. Which of the following series observe the given rule

- (a)URNJ
- (b)ZVRO
- (c)HDAW
- (d)CYUQ

**Q64.**ZEBRA can be written as 2652181. How COBRA can be written?

- (a)1182153
- (b)3152181
- (c)31822151
- (d)302181

**Q65.**If MIND becomes KGLB and ARGUE becomes YPESC then what will DIAGRAM be in that code ?

- (a) GLPEYKB
- (b) BGYEPYK
- (c) LKBGYPK
- (d) BGYPYEK

**Q66.**If TRANSFER is coded as RTNAFSRE, then how ELEPHANT be coded in that code language ?

- (a) LEPEHATN
- (b) LEPEAHTN
- (c) LEEPAHTN
- (d) LEPEAHNT

**Q67.Direction:**In the following questions a word is followed by four other words one of which cannot be formed by using the letter of the given word. Find this word.

EXAMINATION

- (a) EXAMINE
- (b) NATION
- (c) NOTE
- (d) TONE

**Q68.Direction:**In the following questions a word is followed by four other words one of which cannot be formed by using the letter of the given word. Find this word.

LEGALIZATION

- (a)ALERT
- (b) ALEGATION
- (c) GALLANT
- (d) NATAL

**Q69. Direction:** Which one set of letters when sequentially placed at the gaps in the given letters series shall complete .

a - yz - xy - ox - zax - z

- (a) xayzy
- (b)xayyz
- (c) xazyz

(d)axzyy

**Q70.**Find the odd man out from the given responses ?

- (a) SU
- (b) BD
- (c) IK
- (d) PN

**Q71.Directions:** A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternative are represented by two classes of alphabets as in the 2 matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II from 5 to 9. A letter from these matrices can be represented first by its row and next by column number. For example, B can be represented by 10, 22, etc. U can be represented by 11, 23, etc. Similarly, you have to identify the set for the word given in each question.

**MATRIX-I**

	0	1	2	3	4
0	L	A	M	B	U
1	B	U	L	A	M
2	A	M	B	U	L
3	U	L	A	M	B
4	M	B	U	L	A

**MATRIX-II**

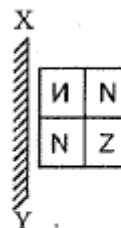
	5	6	7	8	9
5	E	O	N	D	F
6	D	F	E	O	N
7	O	N	D	F	E
8	F	E	O	N	D
9	N	D	F	E	O

LOAN

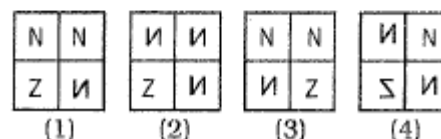
- (a)12,56,13,96
- (b)24,68,21,89
- (c)31,75,32,76
- (d)00,99,44,58

**Q72.Directions:** which of the answer figures is exactly the mirror image of the given figure?

**Question Figure :**



**Answer Figures :**



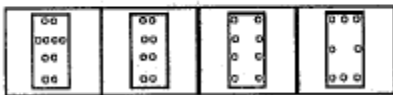
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

**Q73.Directions:** A piece of paper is folded and cut as shown below. How will it appear when opened? Select your response from the answer figures.

**Question Figures :**



**Answer Figures :**



(1) (2) (3) (4)

- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

**Q74.Directions:** Which answer figure will complete the question figure?

**Question Figure :**



**Answer Figures :**



(1) (2) (3) (4)

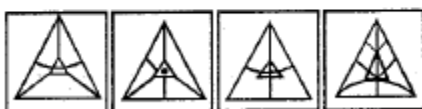
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

**Q75.Directions:** In which answer figure is the given figure embedded?

**Question Figure :**



**Answer Figures :**



(1) (2) (3) (4)

- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

**GENERAL AWARENESS**

**Q76.**Which of the following three languages were included in the Eighth Schedule of the Constitution by the 71stAmendment?

- 1.Konkani
- 2.Dogri
- 3.Manipuri
- 4.Nepali
- (a)1,2 and 3
- (b)2, 3 and 4
- (c)1, 3, and 4
- (d)1, 2 and 4

**Q77.**Which of the following features are formed by the action of waves?

- (a)Beaches, stalactites, barrier bars, cirques.
- (b)Barrier bars, cliffs, stacks, cirques
- (c)Beaches, barkhans, stacks, cliffs
- (d)Beaches, barrier bars, stacks, cliffs

**Q78.** Purushasukta is found in the

- (a)Bhagavad Gita
- (b)Rigveda
- (c) Manusmriti
- (d)Atharva Veda

**Q79.**The question of grant of land and its merits or demerits were debated for the first time in the

- (a)legend of Vishwakarma Bhauvana
- (b)legend of Sudasa and Vasistha
- (c)legend of Vedigha Mathava
- (d)none of the above

**Q80.**The element which Is the most abundant In the human body is:

- (a)Oxygen
- (b) Carbon
- (c) Iron
- (d) Nitrogen

**Q81.**Camel is a desert animal that can live without water for many days because

- (a)it does not need water
- (b)water is formed in the body due to oxidation of fat
- (c)it has the water sac in the walls of the lumen of stomach
- (d)All of the above

**Q82.**The Zoji-La pass connects

- (a)Srinagar and Leh
- (b)Arunachal Pradesh and Tibet
- (c)Chamba and spit
- (d)Kalimpong and Lhasa

**Q83.**Green Revolution was started in

- (a)1960
- (b) 1970



- (c) 1980  
(d) 1990

**Q84.** Which of the following pairs is incorrect ?

- (a) Babar vs. Sangram Singh  
(b) Sher Shah vs. Humayun  
(c) Chengiz Khan vs. Alauddin Khilji  
(d) Akbar vs. Hemu

**Q85.** Which of the following Indian banks became the first to touch a market capitalisation of Rs.100000 Crore in India ?

- (a) ICICI  
(b) HDFC  
(c) SBI  
(d) PNB

**Q86.** Clear nights are colder than cloudy nights because of

- (a) conduction  
(b) condensation  
(c) radiation  
(d) insulation

**Q87.** the density of gas is maximum at

- (a) Low temperature low pressure  
(b) Low temperature high pressure  
(c) High temperature low pressure  
(d) High temperature high pressure

**Q88.** What is the element that is in the highest percentage in the composition of the earth ?

- (a) Silicon  
(b) Oxygen  
(c) Magnesium  
(d) Iron

**Q89.** The chemical name of Common salt is

- (a) Sodium chloride  
(b) Sodium nitrate  
(c) Ammonium chloride  
(d) Calcium chloride

**Q90.** The term PCET refers to

- (a) Personal Computer External Technology  
(b) Personal Computer Extended Technology  
(c) Personal Computer Expanded Technology  
(d) Personal Computer Embedded Technology

**Q91.** Contour ploughing helps in

- (a) stopping floods  
(b) growing crops  
(c) soil conservation  
(d) checking landslides

**Q92.** Birds usually have a single

- (a) Kidney  
(b) Lung  
(c) Testis

(d) Ovary

**Q93.** The process of preventing the birds from flying is called

- (a) brailing  
(b) debeaking  
(c) dubbing  
(d) pecking

**Q94.** The iron ore which contains 72% of iron is :

- (a) Magnetite  
(b) Limonite  
(c) Haematite  
(d) Siderite

**Q95.** The most abundant constituent of atmospheric air is

- (a) carbon  
(b) hydrogen  
(c) oxygen  
(d) nitrogen

**Q96.** Damp clothes are dried in spin dryers by the action of

- (a) centripetal forces  
(b) centrifugal forces  
(c) central forces  
(d) non central forces

**Q97.** Consider the following statements about thermal power plants:

1. A coal fired thermal power plant has a thermal conversion efficiency of about 33 percent.

2. Combined-cycle gas fired thermal power plants have higher thermal conversion efficiency than coal fired plants.

Which of the above statements is/are true?

- (a) 1 only  
(b) 2 only  
(c) Both 1 and 2  
(d) Neither 1 nor 2

**Q98.** Which of the following ecosystems are not managed humans ?

- (a) Urban parks  
(b) National parks  
(c) Farms  
(d) Plantations

**Q99.** Moderate politics was criticised in 1893-94 in a series of articles entitled New Lamps for old written by

- (a) Bipin Chandra Pal  
(b) Bal Gangadhar Tilak  
(c) Ashwini Kumar  
(d) Aurobindo Ghosh

**Q100.** How many times did J.L. Nehru become the President of I.N.C.?





- (a) 2
- (b) 3
- (c) 4
- (d) 5

1b	2d	3b	4c	5d	6b
7b	8b	9d	10d	11b	12d
13a	14b	15c	16c	17b	18b
19a	20d	21a	22d	23d	24d
25b	26b	27b	28c	29a	30a
31d	32a	33c	34b	35b	36b
37c	38c	39b	40d	41c	42a
43a	44b	45a	46b}	47b	48c
49a	50c	51b	52a	53a	54d
55c	56d	57c	58b	59c	60a
61b	62a	63d	64b	65b	66b
67a	68a	69c	70d	71c	72d
73c	74b	75c	76c	77d	78b
79a	80a	81d	82a	83a	84c
85c	86c	87b	88b	89a	90b
91c	92d	93a	94a	95d	96b
97c	98b	99d	100b		