



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.

What one must do one must do properly.

- (a)What must be done must be
- (b)It must be done properly what one must do.
- (c)It must be done what one must do properly.
- (d)One must do properly what has to be done.

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.

We serve hot meals till 10:30 guests can order coffee and sandwiches till 11:00

- (a)Hot meals are serving till 11:00
- (b)Hot meals are being served till 10:30 coffee and sandwiches are being ordered till 11:00
- (c)Hot meals are served till 11:00
- (d)Hot meals will be served till 11:00

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

PARSIMONIOUS

- (a) prodigious
- (b) selfless
- (c)extravagant
- (d)ostentatious

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

MONOTONOUS

- (a)disastrous
- (b) terrifying
- (c) terrible
- (d) interesting

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.

"Tinu, where have you been all these days ?" asked the Principal.

- (a)The Principal asked Tinu where he had been all those days.
- (b)The Principal asked Tinu where he has been all those to remove the watermark
- (c)The Principal asked Tinu where had he been all those days.
- (d)The Principal asked to Tinu where was he all those days.

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.

"Do you want balloons?" he said to the child.

- (a)He asked the child if it wanted balloons.
- (b)He asked the child whether it had wanted balloons.
- (c)He asked the child did it want balloons.
- (d)He asked the child If it would want balloons.

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.

These days job opportunities are not as better (1)/ as they used to be (2)/ in the early 70s (3)/ No error (4)

- (a) These days job opportunities are not as better
- (b) as they used to be
- (c) in the early 70 s
- (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.

A lot of form-filling is just red tape (1)/ and sometimes the forms are so complicated (2)/ that people can t make head or tail from them(3)/No error (4)

- (a) A lot of form-filling is just red tape
- (b) and sometimes the forms are so complicated
- (c) that people can t make head or tail from them
- (d)No error

Q9.It was his _____ that led him to penury

- (a)flamboyance
- (b)arrogance
- (c)extravagance
- (d)ebullience

Q10.The climate is not conducive _____ good health

- (a)with
- (b)from
- (c)In
- (d)to

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.

We should not look down upon the wretched of the earth.

- (a)sympathise with
- (b)hate intensely
- (c)be indifferent to
- (d)regard with contempt



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.

at one's wit's end

- (a)to understand thoroughly
- (b)to be puzzled
- (c)to be a stupid person
- (d)to behave irrationally

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

Stealthily done

- (a)Devious
- (b)Nefarious
- (c)Surreptitious
- (d)Villainous

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

One who believes that gaining pleasure is the most important thing in life

- (a)Hedonist
- (b)Pessimist
- (c) Misanthrope
- (d) Philistine

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) Even the smallest insect of the living world is made up of a large number of cells.

(P)Furthermore, the cells In these small creatures widely differ in their structure and function.

(Q)An ant, or a gnat, for example is composed of hundreds of thousands of cells.

(R)Even a mite has cells making up Its skeletal structure.

(S)It also has cells dedicated to digestive and reproductive functions.

(6) The cell system of small organisms is microscopic but marvelous, isn't It ?

- (a) SRQP
- (b) QRSP
- (c) SQPR
- (d) QPRS

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. Ferdinand rose up to receive the messenger.

P.At the end of his account he was moved to tears.

Q.He fell on his knees and thanked him.

R.He made him sit on a level with himself.

S.He listened to the circumstantial account of his voyage.

6. It was a great conquest the Almighty gave to a sovereign.

- (a)RPSQ
- (b)RSPQ
- (c) Q P RS
- (d)P RS Q

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.

3.When she regained consciousness she was stretched in the ditch out, soaked to the skin.

- (a)out in the ditch stretched
- (b)on the ditch outstretched
- (c)outstretched in the ditch
- (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.

The new Sultan has been able to bear up all opposition.

- (a)bear off
- (b)bear down
- (c)bear out
- (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.

3.DEFERENCE

- (a)indifference
- (b) sympathy
- (c) respect
- (d) flattery

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

INCESSANTLY

- (a)continuously
- (b) inevitably
- (c) regularly
- (d) indiscreetly

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.

Our awareness of time has reached such a pitch of intensity that we suffer acutely whenever our travels

take us into some corner of the world where people are not interested in minutes and seconds. The unpunctuality of the orient for example is appalling to those who come freshly from a land of fixed meal-times and regular train services. For a modern American or Englishman waiting is a psychological torture. An Indian accepts the blank hours with resignation even with satisfaction. He has not lost the fine art of doing nothing. Our notion of time as a collection of minutes each of which must be filled with some business or amusement is wholly alien to the Greek. For the man who lives in a pre-industrial world time moves at a slow and easy pace he does not care about each minute for the good reason that he has not been made conscious of the existence of minutes Orient the countries of Asia especially of eastern Asia (China Japan Russia etc.)appalling shocking extremely bad notion an idea a belief or an understanding of something alien not usual or acceptable.

What is the main theme of the passage ?

- (a)Concept of time in pre-industrial world.
- (b)The Greek concept of time.
- (c)Awareness of time in the modern industrial world.
- (d)The Orientals and their awareness of time

Q22.The Orientals are alien to

- (a)the business of amusement.
- (b)the notion of time as a collection of minutes
- (c)industrialization.
- (d)the finis art of doing nothing.

Q23.A person who belongs to pre-industrial world

- (a)knows the utility of time.
- (b)knows how to derive happiness by making use of time carefully.
- (c)does not care about each minute.
- (d)cares much for every minute v

Q24.According to the author

- (a)the orientals are very punctual
- (b)the Americans or the Englishmen are punctual.
- (c)the Greek and the orientals are very punctual.
- (d)the Indians are very punctual

Q25.The orient in the passage refers to

- (a)China and Japan.
- (b) Japan and England.
- (c) England and America.
- (d) America alone.

NUMERICAL APTITUDE

Q26.A district has 64000 inhabitants. If the population increases at the rate of 5/2% per annum. The number of inhabitants at the end of the 3 years will be:

- (a) 70000
- (b)69200

- (c)68921
- (d)68911

Q27.The compound interest on a certain sum of money at a certain rate for 2 years is Rs. 40.80 and the simple interest on the same sum is Rs. 40 at the same rate and for the same time. The rate of interest is:

- (a) 2% per annum
- (b) 3% per annum
- (c) 4% annum
- (d) 5% per annum

Q28. A man rows 750 m in 675 seconds against the stream and return in 15/2 minutes. Find his rowing speed in still water.

- (a) 3 kmph
- (b) 4 kmph
- (c) 5 kmph
- (d) 6 kmph

Q29.A tree of height 'h' meters is broken by a storm in such a way that its top touches the ground at a distance of 'x' meters from its foot. Find the height at which the tree is broken. (Here $h > x$)

- (a) $(h^2+x^2)/2h$ meter
- (b) $(h^2-x^2)/2h$ meter
- (c) $(h^2+x^2)/4h$ meter
- (d) $(h^2-x^2)/4h$ meter

Q30. The greatest number, that divides 122 and 243 leaving respectively 2 and 3 as remainders is:

- (a) 12
- (b) 24
- (c) 30
- (d) 120

Q31.40 litres of a mixture of milk and 8, water contains 10% of water, the water to be added, to make the water content 20% in the new mixture is:

- (a) 6 litres
- (b) 6.5 litres
- (c) 5.5 litres
- (d) 5 litres

Q32.A started a business by investing Rs. 36,0

00. After 4 month B joined him with some investment. At the end of the year, the total profit was divided between then in the ratio of 9 : 7 How much capital was invested by B in the business?

- (a) Rs. 40,000
- (b) Rs. 42,000
- (c) Rs. 41,000
- (d) None of these

Q33.Three taps A, B and C can fill a tank in 12, 15 and 20 hours respectively, If A is open all the time and B and C are open for one hour each alternatively, the tank will be full in



- (a) 6 hours
- (b) $13/2$ hours
- (c) 7 hours
- (d) $19/2$ hours

Q34. If θ is an acute angle and $\tan \theta + \cot \theta = 2$, then the value of $\tan^5 \theta + \cot^5 \theta$ is:

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

Q35. The square root of 0.4 is:

- (a) 0.8
- (b) 0.6
- (c) 0.7
- (d) 0.9

Q36. $(0.04)^{-1.5}$ is equal to

- (a) 25
- (b) 125
- (c) 60
- (d) 5

Q37. A boy started from his house by bicycle at 10 a.m. at a speed of 12 km per hour. His elder brother started after 1 hr 15 minutes by scooter along the same path and caught him at 1.30 p.m. The speed of the scooter will be (in km/hr)

- (a) 4.5
- (b) 36
- (c) $56/3$
- (d) 9

Q38. The value of $(x^{b+c})^{b-c} (x^{c+a})^{c-a} (x^{a+b})^{a-b}$ ($x \neq 0$):

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

Q39. The simple interest on a certain sum at 5% per annum for 3 years and 4 years differ by Rs.

42. The sum is:

- (a) Rs. 210
- (b) Rs. 280
- (c) Rs. 750
- (d) Rs. 840

Q40. The number to be added to each of the numbers 7, 16, 43, 79 to make the numbers in proportion is:

- (a) 2
- (b) 3
- (c) 5
- (d) 1

Q41. A can cultivate $2/5$ th of a land in 6 days and B can cultivate $1/3$ th of the same land in 10 days. Working together A and B can cultivate $4/5$ th of the land in;

- (a) 4 days
- (b) 5 days
- (c) 8 days
- (d) 10 days

Q42. By selling 1 dozen ball pens, a shopkeeper earned the profit equal to the selling price of 4 ball pens. His profit percent is

- (a) 50
- (b) 40
- (c) $100/3$
- (d) $125/4$

Q43. The diameter of two cylinders, whose volumes are equal, are in the ratio 3 : 2, Their heights will be in the ratio

- (a) 4: 9
- (b) 5: 6
- (c) 1 : 2
- (d) 8: 9

Q44. The number of integers in between 100 and 600, which are divisible is

- (a) 40
- (b) 42
- (c) 41
- (d) 50

Q45. After allowing a discount of 16% there was still a gain of 5%. Then the percentage of marked price over the cost price is 40%

- (a) 15%
- (b) 18%
- (c) 21%
- (d) 25%

Q46. A parallelepiped whose side are in ratio 2 : 4: 8 have the same volume as a cube. The ratio of their surface area is:

- (a) 7:5
- (b) 4:3
- (c) 8:5
- (d) 7:6

Q47. A cylindrical can whose base is horizontal and is of internal radius 3.5 cm contains sufficient water so that when a solid sphere is placed inside, water just covers the sphere. The sphere fits in the can exactly. The depth of water in the can before the sphere was put, is

- (a) $35/3$ cm
- (b) $17/3$ cm
- (c) $7/3$ cm
- (d) $14/3$ cm

Q48. The minimum value of $\sin^2 \theta + \cos^2 \theta + \sec^2 \theta + \operatorname{cosec}^2 \theta + \tan^2 \theta + \cot^2 \theta$

- (a) 1
- (b) 3



- (c) 5
(d) 7

Q49. The value of $\sin^2 22^\circ + \sin^2 68^\circ + \cot^2 30^\circ$ is :

- (a) $5/4$
(b) $3/4$
(c) 3
(d) 4

Q50. Given A is 50% larger than C and B is 25% larger than C, then A is what percent larger than B?

- (a) 25%
(b) 50%
(c) 75%
(d) 20%

GENERAL INTELLIGENCE & REASONING

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

Carbon : Diamond :: Corundum : ?

- (a) Garnet
(b) Ruby
(c) Pukhraj
(d) Pearl

Q52.Direction: From among the given alternatives select the one in which the set of numbers is most like the set of numbers given in the question.

Given Set : (7, 15, 31)

- (a) 7, 13, 28
(b) 5, 13, 28
(c) 9, 13, 26
(d) 5, 13, 29

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

BOQD : ERTG :: ANPC : ?

- (a) DQSF
(b) FSHU
(c) SHFU
(d) DSQF

Q54. A is B's brother. C is D's father. E is B's mother. A and D are brothers. How is E related to C?

- (a) Sister
(b) Sister-in-law
(c) Niece
(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 '+' means '-', '-' means 'x' and 'x' means '÷' and '÷' means '+' then $2 \div 6 \times 6 \div 2 = ?$

- (a) 1
(b) 0
(c) 10

- (d) 5

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

- (a) Withdrawal
(b) Deduction
(c) Deposit
(d) Debit

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

- (a) Book
(b) Magazine
(c) Journal
(d) Paper

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

- (a) Mumbai
(b) Chennai
(c) Calcutta
(d) Bangalore

Q59. Janaki started from her house and walked 2 kms towards North. Then she took a right turn and covered one kilometre. Then she took again a right turn and walked for 2 kms. In what **direction** is she going?

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

Q60. Rama left home and walked 5 km southwards, turned right and walked 2 km and turned right and walked 5 km and turned left and walked 5 km. How many kilometres will she have to walk to reach her home straight?

- (a) 5
(b) 7
(c) 17
(d) 15

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, 3, 10, 29, 66, ?

- (a) 89
(b) 99
(c) 127
(d) 130

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

15, 16, 20, 29, ?

- (a) 42
(b) 45

(c)54
(d)38

Q63. Direction: Which one set of letters when sequentially placed at the gaps in the given letters series shall complete .

- a_b_ca_b_c_a_cc
(a) a c b c a b
(b) a b a b c a
(c) a c a c a b
(d) a b a b a c

Q64. If C = 3 and FEAR is coded as 3,0, then what will be code number of HAIR

- (a)35
(b)36
(c)30
(d)33

Q65. If the word LEADER is coded as 20-13-9-12-13-26, how would you write LIGHT ?

- (a)20-16-15-17-22
(b)20-16-17-15-27
(c)20-15-16-18-23
(d)20-17-15-16-28

Q66. In a certain code COURSE is written as ESRUOC. How can BREATH be written in that code?

- (a) HATEBR
(b) HTAERB
(c) HTBREA ,
(d) HEATRB

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.

- APPROXIMATELY
(a)APEX
(b)APPRISE
(c)APPROXIMATE
(d)APRIL

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.

- ANNIVERSARY
(a) YARN
(b)VERY
(c) SAVE
(d)VIEW

Q69. A word in Capital Letters is followed by four answer words. Out of these only one can be formed by using the letters of the given word. Find out that word.

- REMEMBERING
(a)NEGRO

- (b) AGREE
(c) RAIN
(d) GREEN

Q70. In a certain code COURSE is written as ESRUOC. How can BREATH be written in that code?

- (a) HATEBR
(b) HTAERB
(c) HTBREA ,
(d) HEATRB

Q71.Directions: Given below are two Matrices of Twenty-five Cells, each containing two classes of alphabets. 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 number and next by its column number. In each of the following questions, identify one set of number pairs out of (1), (2), (3) and (4) which represents the given word.

MATRIX-I

	0	1	2	3	4
0	A	E	F	G	C
1	H	B	I	J	K
2	M	A	C	B	C
3	D	E	F	D	L
4	H	I	J	K	E

MATRIX-II

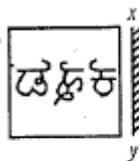
	5	6	7	8	9
5	N	S	R	S	T
6	Q	O	T	U	X
7	W	X	P	U	V
8	Y	Z	Y	Q	X
9	Z	W	R	S	R

HARD

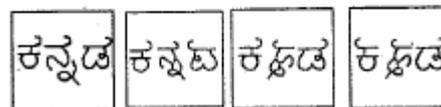
- (a)10, 21, 99, 32
(b)40, 22, 98, 33
(c)40, 21, 57, 33
(d)10, 21, 56, 32

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

Question Figure :



Answer Figures :



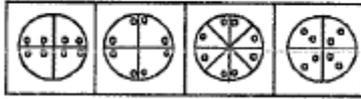
- (1)
(2)
(3)
(4)
(a)[1]
(b)[2]
(c)[3]
(d)[4]

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 :



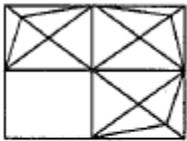
Answer Figures :



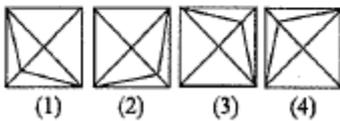
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

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

Question Figure :



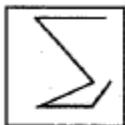
Answer Figures :



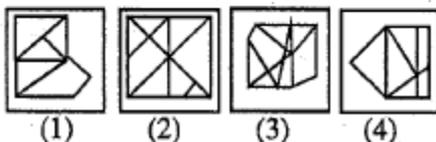
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

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

Question Figure :



Answer Figures :



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

GENERAL AWARENESS

Q76.Select the statements where the quotes have been ascribed to the right source and choose the correct code
 1.The elections have well established the Muslim League as the only mouthpiece of the Muslims. They are decided upon a divided India and this question must be tackled first: M.A Jinnah, 1945

2. Pakistan is our irrevocable and unalterable national demand: M.A Jinnah, 19

44. 3.India is a multilingual and therefore a multinational country: Adhikari Thesis, 1942

4. Rajaji formula offers only a shadow and husk, a maimed, mutilated and moth-eaten Pakistan B. R Ambedkar, 1946

- (a)Only 1
- (b)Only 3
- (c)2 and 4
- (d) 1 and 4

Q77. One of the following is not an item among 29 items specified for Panchayats

- (a)Animal husbandry
- (b)Public distribution system
- (c)Fuel and fodder
- (d)Regulation of slaughter houses

Q78. Which one of the following tribes practices pastoral nomadism?

- (a)Eskimo
- (b)Boro
- (c)Pygmy
- (d)Masai

Q79. The famous rock cut temples at Elephant are ascribed to

- (a)the Chalukyas
- (b)the Cholas
- (c)the Pallavas
- (d)the Rashtrakutas

Q80.Which among the following helps in circulation of blood ?

- (a)Arithrocytus
- (b)Blood platelets
- (c)Monocytes
- (d)Lymphocytes

Q81.The tissue in man where no cell division occurs after birth Is

- (a)skeletal
- (b) nerves
- (c) connective
- (d) germinal

Q82.Where is Khyber Pass situated?

- (a)Bhutan
- (b) Bangladesh
- (c) India
- (d) Pakistan



Q83. The South West monsoon engulfs the entire India by

- (a) 5th June
- (b) 15th June
- (c) 1st July
- (d) 15th July

Q84. Which among the following has not been found in the excavation of Harappa sites ?

- (a) Drains and well
- (b) Fort
- (c) Reservoirs
- (d) Temple with Shikhar

Q85. Which of the following is not a necessary condition for the development of India ?

- (a) Capital Accumulation
- (b) Resource discovery
- (c) Population growth
- (d) Technological development

Q86. Which among the following types of coal produces most heat per unit?

- (a) Coal
- (b) Lignite
- (c) Anthracite
- (d) Pit

Q87. The instrument used to measure the speed of the wind is

- (a) Altimeter
- (b) Anemometer
- (c) Chronometer
- (d) Dosimeter

Q88. Cement is made hard with

- (a) dehydration
- (b) hydration and dissociation of water
- (c) Dissociation of water
- (d) Polymerisation

Q89. The cathode of a lead storage battery is made up of

- (a) Zinc
- (b) Lead
- (c) Lead oxide
- (d) Manganese dioxide

Q90. Which of the following is not a role assigned to Science and Technology Entrepreneurship Parks ?

- (a) Training
- (b) Testing and Calibration
- (c) Technology development
- (d) Raising funds for entrepreneurs

Q91. Which of the following is called the twin of the earth ?

- (a) Neptune
- (b) Venus
- (c) Mars

(d) Saturn

Q92. Which one of the following is not a true snake ?

- (a) Glass snake
- (b) Sea snake
- (c) Tree snake
- (d) Blind snake

Q93. Ringworm is a disease.

- (a) Bacterial
- (b) Protozoan
- (c) Viral
- (d) Fungal

Q94. Ozone consists of

- (a) Oxygen only
- (b) Oxygen and Nitrogen
- (c) Hydrogen and Carbon
- (d) Oxygen and Carbon

Q95. Which of the following is used to remove ink and rust stains on cloth?

- (a) Oxalic acid
- (b) Alcohol
- (c) Ether
- (d) Kerosene oil

Q96. Which of the following is an impact printer ?

- (a) Inkjet printer
- (b) Bubble jet printer
- (c) Laser printer
- (d) Daisy wheel printer

Q97. The phenomenon of light associated with the appearance of blue colour of the sky is

- (a) Interference
- (b) Reflection
- (c) Refraction
- (d) Scattering

Q98. No Money bill can be introduced in the Lok Sabha without the prior approval of the

- (a) Vice President
- (b) President
- (c) Prime Minister
- (d) Finance Minister

Q99. Consider the following statements:

1. The heavier oxygen isotope is deposited in large amounts in the polar ice caps during colder phases of climate.
2. Oxygen 16 is the heavier isotope of oxygen found in polar ice caps.



Which of the above statements is/are true?

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

Q100. Consider the following statements:

1. The heavier oxygen isotope is deposited in large amounts in the polar ice caps during colder phases of climate.

2. Oxygen 16 is the heavier isotope of oxygen found in polar ice caps.

Which of the above statements is/are true?

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

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