

## 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.

A lion does not eat grass however hungry he may be.

- (a) Grass is not eaten by a lion however hungry he may be.
- (b) Grass is not being eaten by a lion however hungry he may be.
- (c) Grass is eaten not by a lion however hungry he may be.
- (d) Grass is being not eaten by a lion however hungry he may be.

**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.

Mother gave him a little puppy.

- (a) He was given a little puppy by mother.
- (b) A little puppy was being given to him by mother.
- (c) He had been given a little puppy by mother.
- (d) A little puppy is given to him by his mother.

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

- (a) avoided
- (b) enriched
- (c) faced
- (d) overcome

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

EXTINCT

- (a) recent
- (b) distinct
- (c) alive
- (d) ancient

**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.

He said to us, "Why are you all sitting about there doing nothing?"

- (a) He asked us why are we all sitting about there doing nothing
- (b) He asked us why we are all sitting about there doing nothing.
- (c) He asked us why we were all sitting about there doing nothing.

(d) He asked us why were we all sitting about there doing nothing.

**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.

My Principal told me, "Don't conduct any test tomorrow".

- (a) My Principal told me not to conduct any test tomorrow.
- (b) My Principal told me not to conduct any test tomorrow
- (c) My Principal ordered me don't conduct any test.
- (d) My Principal ordered me not to conduct any test the next day.

**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.

Tea(1)/which I am drinking (2)/ is hot (3)/No error (4)

- (a) Tea
- (b) which I am drinking
- (c) is hot
- (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.

He is(1)/capable to do this work (2)/ within the stipulated period (3)/ No error (4)

- (a) He is
- (b) Capable to do this work
- (c) within the stipulated period
- (d) No error

**Q9.** The more electricity you use \_\_\_\_\_

- (a) your bill will be higher
- (b) will your bill be higher
- (c) will be higher your bill
- (d) the higher your bill will be

**Q10.** The patient is \_\_\_\_\_ of stomach ache

- (a) suffering
- (b) experiencing
- (c) complaining
- (d) afflicting

**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.

My neighbour had to pay through his nose for a brand new car.



- (a) Pay huge loans
- (b) Pay a reasonable price
- (c) Pay an extremely high price
- (d) Make a quick buck

**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 young engineer was hauled up for spilling the beans about the new project to the competitor.

- (a) suppressing the information
- (b) hiding the details
- (c) revealing the information indiscreetly
- (d) spoiling the plans

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

The art of good eating

- (a) Gastronomy
- (b) Astronomy
- (c) Vegetarianism
- (d) Gourmet

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

A method which never fails.

- (a) Unflinching
- (b) Irreparable
- (c) Irremediable
- (d) infallible

**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. My friend went to live in a village.
- P. But it was a very slow animal.
- Q. So my friend bought a donkey for Rs. 500
- R. One day his new neighbour told him that he must buy a donkey.
- S. Every family there had a donkey.
- 6. It did not like to work.

- (a) RSQP
- (b) PQRS
- (c) SRQP
- (d) QRSP

**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. Venice is a strange city.
  - P. There are about 400 odd bridges connecting the islands of Venice.
  - Q. There are no motor cars, no horses and no buses there.
  - R. These small islands are close to one another.
  - S. It is not one island but a hundred islands.
  - 6. This is because Venice has no streets.
- (a) SRPQ
  - (b) PSRQ
  - (c) RQPS
  - (d) QSRP

**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.

Because the enemy had a reputation for engaging in sneak attacks we were frequently on the alert

- (a) occasionally
- (b) inevitably
- (c) constantly
- (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.

It is interesting to correspond the history of the 19th century with its literature.

- (a) corroborate
- (b) correlate
- (c) command
- (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.

OCCULT

- (a) religious
- (b) unnatural
- (c) supernatural
- (d) strong

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

PHILANTHROPIST

- (a) benefactor
- (b) beneficiary
- (c) matron
- (d) sponsor

**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.

Vacations were once the prerogative of the privileged few even as late as the nineteenth century. Now they are considered the right of all except for such unfortunate masses as in China for whom life except for sleep and brief periods of rest is uninterrupted toil. They are more necessary now than before because the average life is well rounded and has become increasingly departmentalized. The idea of vacations as we conceive inputs be incomprehensible to primitive people. Rest of some kind has of course always been a part of the rhythm of human life but earlier ages did not find it necessary to organise it in the way that modern man has done. Holidays feast days were sufficient. With modern man's increasing tensions with the Useless quality of so much of his work this break in the year's routine became steadily more necessary. Vacations became necessary for the purpose of renewal and repair.

The author's main purpose in this passage is to

- (a) explore the history of vacations.
- (b) tell why vacations have become more common.
- (c) contrast holidays and festive occasions with vacation.
- (d) demonstrate that vacations are not really necessary

**Q22.** According to the passage we need vacations now more than ever because we have

- (a) a more carefree nature
- (b) much more free time
- (c) little diversity in our work
- (d) a higher standard of living

**Q23.** It is implied in the passage that our lives are very

- (a) habitual
- (b) patriotic
- (c) varied
- (d) independent

**Q24.** As used in the passage the word prerogative line

- (a) habit
- (b) privilege
- (c) request
- (d) hope

**Q25.** The contemporary attitude towards vacations is best expressed by which of the following proverbs ?

- (a) A penny saved is penny earned.
- (b) The devil finds work for idle hands.
- (c) All work and no play makes Jack a dull boy.
- (d) Many hands make light work.

### **NUMERICAL APTITUDE**

**Q26.** In an alloy, there is 12% of copper, to get 69kg of copper, how much alloy will be required?

- (a) 424 kg
- (b) 575 kg
- (c) 828 kg
- (d)  $5210/3$  kg

**Q27.** A money-lender borrows money at 4% per annum and pays the interest at the end of the year. He lends it at 6% per annum compound interest compounded half yearly and receives the interest at the end of the year. In this way, he gains Rs. 104.50 a year. This amount of money he borrows is:

- (a) Rs. 6000
- (b) Rs. 5500
- (c) Rs. 5000
- (d) Rs. 4500

**Q28.** A man can row 30 km down-stream and return in a total of 8 hours. If speed of the boat in still water is four times the speed of the current, then the speed of the current is

- (a) 1 km/hr
- (b) 2 km/hr
- (c) 4 km/hr
- (d) 3 km/hr

**Q29.** Two chords of length a unit and b unit of a circle make angles  $60^\circ$  and  $90^\circ$  at the center of a circle respectively, then the correct relation is:

- (a)  $b = \sqrt{2} a$
- (b)  $b = 2a$
- (c)  $b = \sqrt{3} a$
- (d)  $b = 3/2a$

**Q30.** The least number, which when divided by 18, 27 and 36 separately leaves remainders 5, 14, 23 respectively, is:

- (a) 95
- (b) 113
- (c) 149
- (d) 77

**Q31.** A mixture of 40 litres of milk and water contains 10% of water. How much water must be added to make the water 20% in the new mixture?

- (a) 10 litres
- (b) 7 litres
- (c) 5 litres
- (d) 3 litres

**Q32.** The investments made by X and Y are in the ratio 3 : 2. If 5% of total profit is donated and X gets ₹ 8,550 as his share of profit then what is the amount of total profit.

- (a) 14000
- (b) 15,000
- (c) 11,050
- (d) 12,020

**Q33.** Three pipes P, Q and R can separately fill a cistern in 4, 8 and 12 hours respectively, Another pipe S can empty the completely filled cistern in 10 hours. Which of the following arrangements will fill the empty cistern in less time than others?



- (a) Q alone is open  
(b) P, R and S are open  
(c) P and S are open  
(d) P, Q and S are open

**Q34.** If  $\sin(\theta + 30^\circ) = \frac{3}{\sqrt{12}}$ , then find  $\cos^2\theta$

- (a)  $1/4$   
(b)  $3/4$   
(c)  $\sqrt{3}/2$   
(d)  $1/2$

**Q35.** There are some boys and girls in a room. The square of the number of the girls is less than the square of the number of boys by

28. If there were two more girls, the number of boys would have been the same as that of the girls. The total number of the boys and girls in the room are

- (a) 56  
(b) 14  
(c) 10  
(d) 7

**Q36.**  $\left(\frac{2}{\sqrt{6}+2} + \frac{1}{\sqrt{7}+\sqrt{6}} + \frac{1}{\sqrt{8}-\sqrt{7}} + 2 - 2\sqrt{2}\right)$  is equal to

- (a) 0  
(b)  $2\sqrt{2}$   
(c)  $\sqrt{2}$   
(d)  $2\sqrt{7}$

**Q37.** A man goes from Mysore to Bangalore at a uniform speed of 40 km/hr and comes back, to Mysore at a uniform speed of 60 Km/hr, His average speed for the whole journey is

- (a) 48 km/hr  
(b) 50 km/hr  
(c) 54 km/hr  
(d) 5 km/hr

**Q38.** If  $\frac{x-a^2}{b+c} + \frac{x-b^2}{c+a} + \frac{x-c^2}{a+b} = 4(a+b+c)$ , then x :

- (a)  $(a+b+c)^2$   
(b)  $a^2+b^2+c^2$   
(c)  $ab+bc+ca$   
(d)  $a^2+b^2+c^2-ab-bc-ca$

**Q39.** A sum of money lent out at simple interest amounts to Rs. 720 after 2 years and to Rs. 1020 after 5 years. The sum is

- (a) Rs. 520  
(b) Rs. 600  
(c) Rs. 700  
(d) Rs. 710

**Q40.** If A  $2/3$  of B and B =  $4/5$  of C, then A:B:C is.

- (a) 12:8: 10  
(b) 15: 10 : 8  
(c) 10: 15 : 12  
(d) 8 : 12 : 15

**Q41.** A man can do a piece of work in 5 days, but with the help of his son, he can do it in 3 days. In what time can the son do it alone ?

- (a) 7 days  
(b) 8 days  
(c)  $15/2$  days  
(d)  $13/2$  days

**Q42.** Richa purchased an article at  $4/5$  of its list price and sold it at 20% more than the list price. Richa's profit percent was

- (a) 50  
(b) 40  
(c) 30  
(d) 25

**Q43.** The total number of spherical bullets each of diameter 5 decimeter that can be made by utilizing the maximum of a rectangular block of lead with 11 meter length, 10 meter breadth and 5 meter is (assume that  $\pi = 3$ )

- (a) 8800  
(b) 8000  
(c) 7800  
(d) 7790

**Q44.** A positive integer when divided by 425 gives a remainder

45. When the same number is divided by 17, the remainder will be

- (a) 7  
(b) 8  
(c) 11  
(d) 10

**Q45.** A discount of 16% on the marked price of a book enables a man to buy a pen that costs Rs.

80. How much did he pay for the book ?

- (a) 810  
(b) 800  
(c) 420  
(d) 740

**Q46.** The volume of a right circular cylinder whose height is 40cm, and circumference of its base is 66 cm is:

- (a)  $55440\text{cm}^2$   
(b)  $3465\text{cm}^2$   
(c)  $7720\text{cm}^2$   
(d)  $13860\text{cm}^2$

**Q47.** A copper sphere of diameter 18 cm is drawn into a wire of diameter 4 mm The length of the wire in meter is:

- (a) 2.43 m  
(b) 243 m  
(c) 2430 m  
(d) 24.3 m



**Q48.**  $\frac{\tan \theta}{1 - \cot \theta} + \frac{\cot \theta}{1 - \tan \theta}$  is equal to

- (a)  $1 - \tan \theta - \cot \theta$
- (b)  $1 + \tan \theta - \cot \theta$
- (c)  $1 - \tan \theta + \cot \theta$
- (d)  $1 + \tan \theta + \cot \theta$

**Q49.** If  $7 \sin^2 \theta + 3 \cos^2 \theta = 4$ , ( $0^\circ \leq \theta \leq 90^\circ$ ), then the value of  $\theta$  is :

- (a)  $\pi/2$
- (b)  $\pi/3$
- (c)  $\pi/6$
- (d)  $\pi/4$

**Q50.** The price of an article was increased two times successively by 10% each time. By what percent should the new price be reduced so as to restore the original price.

- (a) 15%
- (b) 17.36%
- (c) 17%
- (d) 16.36%

### GENERAL INTELLIGENCE & REASONING

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

House : Rent :: Capital : ?

- (a) Interest
- (b) Investment
- (c) Country
- (d) Money

**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 : (21, 18, 12, 0)

- (a) 36, 32, 28, 30
- (b) 24, 22, 18, 9
- (c) 32, 28, 20, 4
- (d) 40, 38, 36, 28

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

REASON : SFBTPO :: THINK : ?

- (a) S G H M J
- (b) U I J O L
- (c) U H N K I
- (d) U J K P M

**Q54.** A is B's brother, C is A's mother, D is C's father, E is B's son. How is E related to A?

- (a) Cousin
- (b) Nephew
- (c) Uncle
- (d) Grandson

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

If 'x' stands for minus, '+' stands for multiplication, '-' stands for plus, then which one of the following is correct?

$6 + (3 \times 1) + 5 = ?$

- (a) 58
- (b) 64
- (c) 60
- (d) 12

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

- (a) Paper : Pencil
- (b) Head : Cap
- (c) Ink : Inkpot
- (d) Present : Wrapper

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

- (a) Connect
- (b) Bond
- (c) Hook
- (d) Link

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

- (a) Uranus
- (b) Pluto
- (c) Jupiter
- (d) sun

**Q59.** You go North, turn right, then right again and then go to the left. In which **direction** are you now?

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

**Q60.** Mitan travelled 12 kms southward, then turned left and travelled 10 kms, then turned left and travelled 12 km. How far was Mitan from the starting point ?

- (a) 8 km
- (b) 10 km
- (c) 12 km
- (d) 14 km

**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

100, 52, 28, 16, 10, ?

- (a) 5
- (b) 7
- (c) 8
- (d) 9

**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

- 0, 3/2, 3, 9/2, ?, 15/2  
 (b) 6/2  
 (b) 6/3  
 (c) 6  
 (d) 3/6

**Q63.Direction:** Find the wrong number in the following series :

- 25,36, 49, 81, 121, 169, 225  
 (a)36  
 (b)121  
 (c) 49  
 (d) 81

**Q64.**If HOSPITAL is written as 32574618 in a certain code, how would POSTAL be written in that code ?

- (a)752618  
 (b) 725618  
 (c) 725168  
 (d) 725681

**Q65.**If BOY is represented as 42, then GIRL is represented as :

- (a)43  
 (b)40  
 (c) 48  
 (d)46

**Q66.**If JACOB can be written as QZXLY, then KENDY can be written as .

- (a) P VWMA  
 (b) PVMWB  
 (c) PUMWR  
 (d) PVMWA

**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.

ENCYCLOPEDIA

- (a)CYCLE  
 (b)PENCIL  
 (c) YOKE  
 (d)DIAL

**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.

DISAPPOINTMENT

- (a)OINTMENT  
 (b) TENEMENT  
 (c) POSITION  
 (d) POINTER

**Q69.**From the given alternatives select the word which can be formed using the letters given in the word.

ULTRANATIONALISM

- (a)ULTRAMONTANE  
 (b)ULTRAMODERN  
 (c)ULTRAIST  
 (d)ULULATE

**Q70.**If JACOB can be written as QZXLY, then KENDY can be written as .

- (a) P VWMA  
 (b) PVMWB  
 (c) PUMWR  
 (d) PVMWA

**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 the 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. Below are two matrices of twenty five cells each containing two classes of alphabets. The columns and rows of matrix I are numbered 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 the column number. If 'A' can be represented by '01', '41' etc. similarly 'R' can be represented by '59', '78' etc. 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	E	A	C	S	E
1	J	D	E	G	I
2	G	F	S	A	B
3	S	C	H	J	D
4	B	A	G	I	S

**Matrix-II**

	5	6	7	8	9
5	P	V	T	M	R
6	K	R	Q	Z	X
7	W	P	Y	R	T
8	N	Z	M	W	V
9	L	X	P	T	O

DMER

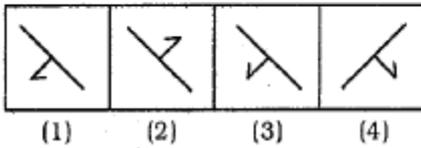
- (a)34, 87, 12, 59  
 (b)11, 58, 21, 78  
 (c)11, 85, 21, 87  
 (d)43, 85, 12, 78

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

**Question Figure :**



**Answer Figures :**



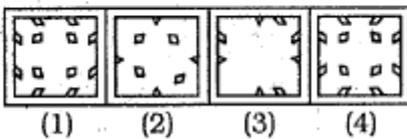
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

**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 :**



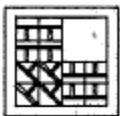
**Answer Figures :**



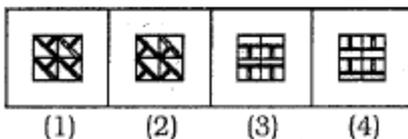
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

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

**Question Figure :**



**Answer Figures :**



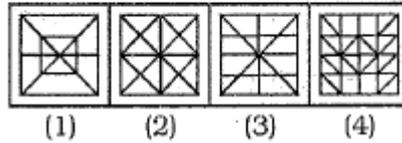
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

**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.**The Indian National Congress took a stand over the Montford Reforms at Delhi in 1918, which led the old moderate remnants (Sapru, Jayakar and Chintamani) to break away and form the

- (a) Servants of Indian Society
- (b) Swaraj Party
- (c) National Liberal Association
- (d) Liberal Union

**Q77.**The Presiding officer of which House is not a member of that house?

- (a) Lok Sabha
- (b) Rajya Sabha
- (c) Legislative Assembly
- (d) All

**Q78.**Consider the following statements:

1. Rice is the dominant grain crop of India.
  2. India is one of the leading exporters of rice.
- Which of the above statements are true?

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

**Q79.**Which were the earliest cereals grown by man?

- (a) wheat and barley
- (b) rice
- (c) millets
- (d) maize

**Q80.**Which one of the following is not an important factor in the Mauryan decline:

- (a) Increase in imperial expenditure.
- (b) Weakening of state control.
- (c) Inactivity of the army.
- (d) Invasion by foreign powers.

**Q81.**Kidney disease in man is caused by the pollutant:



- (a) Cadmium
- (b) Iron
- (c) Cobalt
- (d) Carbon

**Q82.** Taenia sodium (Tape worm) lives as a parasite in

- (a) Pig
- (b) Abdomen of man/ woman
- (c) Intestine of man/woman
- (d) Liver of man/woman

**Q83.** Nallamala hills are located in the state of

- (a) Orissa
- (b) Meghalaya
- (c) Andhra Pradesh
- (d) Gujarat

**Q84.** Where is India's most prized tea grown?

- (a) Jorhat
- (b) Darjeeling
- (c) Nilgiri
- (d) Munnar

**Q85.** From which among the following rulers has the Government of India borrowed and adopted its symbols?

- (a) Ashoka
- (b) Krishnadevaraya
- (c) Pulakesin
- (d) Kanishka

**Q86.** How does the consumer benefit with VAT?

- (a) It removes tax on tax and thus reduces price rise
- (b) Reduces fee cost of production
- (c) With fee abolition of fee sales tax
- (d) Due to the exemption of small businesses from the tax within certain limits prescribed by the State

**Q87.** When heated from 0° to 10°C volume of a given mass of water will

- (a) Increase gradually
- (b) Decrease gradually
- (c) Increase and then will decrease
- (d) Decrease and then will increase

**Q88.** Alternating current is converted into direct current by a

- (a) transformer
- (b) dynamo
- (c) oscillator
- (d) rectifier

**Q89.** Who developed atom bomb ?

- (a) Warner Wan Brown
- (b) J. Robert Open heimer
- (c) Edward Taylor
- (d) Samuel Koehen

**Q90.** Which one of the following organic compounds has fruity smell?

- (a) Alcohol
- (b) Aldehyde
- (c) Ester
- (d) Ether

**Q91.** What is the commonly used unit for measuring the speed of data transmission ?

- (a) Mega Hertz
- (b) Characters per second
- (c) Bits per second
- (d) Nano seconds

**Q92.** Light from the Sun reaches us in nearly

- (a) 8 min
- (b) 2 min
- (c) 6 min
- (d) 4 min

**Q93.** In which of the following groups animals bear no teeth?

- (a) Peacock Ostrich Tortoise
- (b) Owl Loris Crow
- (c) Alligator Turtle Tortoise
- (d) Turtle Kiwi Cow

**Q94.** The normal cholesterol level in human blood is

- (a) 80 - 120 mg%
- (b) 120- 140 mg%
- (c) 140 - 180 mg%
- (d) 180 - 200 mg%

**Q95.** Which of the following can be used to absorb neutrons to control the chain reaction during nuclear fission?

- (a) Boron
- (b) Heavy water
- (c) Uranium
- (d) Plutonium

**Q96.** This group of aluminosilicate minerals is widely used in making electrical insulators

- (a) Bauxite
- (b) Chromite
- (c) Manganese
- (d) Mica

**Q97.** Which one of the following is used as secondary storage system in computer ?

- (a) RAM
- (b) EPROM
- (c) Floppy
- (d) ROM

**Q98.** The density of the liquid when heated

- (a) decreases
- (b) increases
- (c) does not change
- (d) may increase or decrease depending on pressure



**Q99.** A State cannot exist without

- (a) Democratic government
- (b) Parliamentary government
- (c) Presidential government
- (d) Some kind of government

**Q100.** Consider the following as possible result of reversal of the dates of aphelion and perihelion:

- 1. Summer of northern hemisphere will be warmer.
- 2. Winter of northern hemisphere will be cooler.
- 3. Summer of southern hemisphere will get cooler.
- 4. Winter of southern hemisphere will get warmer.

Which of the above statements is/are true?

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

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