



## 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.

We waste much time on trifles.

- (a) Much time was wasted on trifles.
- (b) Much time will be wasted on trifles.'
- (c) Much time is wasted by us on trifle's.
- (d) Much time is wasted on trifles.

**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.

The boy laughed at the beggar.

- (a) The beggar was laughed by the boy.
- (b) The beggar was being laughed by the boy.
- (c) The beggar was being laughed at by the boy
- (d) The beggar was laughed at by the boy.

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

PANICKY

- (a) confident
- (b) sober
- (c) quiet
- (d) calm

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

OBSCURE

- (a) vacant
- (b) seldom
- (c) distinct
- (d) unusual

**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.

"Do as you wish, but don't come and ask me for help if you get into difficulties."

- (a) He told me to do as he wished or he wouldn't come and help me if I got into difficulties.
- (b) He told me to do as I wished but not to go and ask him for help if I got into difficulties.
- (c) He ordered me to do as I wished but not to go and ask him for help if I got into difficulties.
- (d) He told me that unless I did as I wished he would not come and help me if I got into difficulties where had he been all those

**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.

She said to the girl, "Did you do this?"

- (a) She asked the girl that she did that.
- (b) She asked the girl if she did that
- (c) She asked the girl if she had done that.
- (d) She told the girl that she had done that.

**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.

The reason why (1)/he was rejected (2)/was because he was too young (3)/No Error (4)

- (a) The reason why
- (b) he was rejected
- (c) was because he was too young
- (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.

No porter being available (1)/ he carried (2)/ all his luggage himself (3)/ No error (4)

- (a) No porter being available
- (b) he carried
- (c) all his luggage's himself
- (d) No error

**Q9.** Kumar \_\_\_\_\_ boy swam across the sea for safety

- (a) a 17-years-old
- (b) a 17-year-old
- (c) a 17-year-aged
- (d) the 17-year-old

**Q10.** By \_\_\_\_\_ united struggle we may achieve success

- (a) a
- (b) an
- (c) the
- (d) None of the above

**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.

In spite of the immense pressure exerted by the militants, the Government, has decided not to give in.

- (a) accede
- (b) yield
- (c) oblige
- (d) conform



**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 success of his first novel completely turned his head.

- (a)made him vain
- (b)made him look back
- (c)changed him completely
- (d)made him think

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

One who is beyond reform.

- (a) Optimistic
- (b) Incurable
- (c) Indefatigable
- (d) Notorious

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

Impossible to describe

- (a) Miraculous
- (b) Ineffable
- (c) Stupendous
- (d) Appalling

**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. The tiny bacterial plants that live in the soil help to prepare food for the plants we cultivate.

P.The farmer works very hard to make the soil favorable.

Q.But these soil bacteria are very necessary and helpful.

R.There are millions of bacteria in a cubic inch of fertile soil.

S.Some kinds of bacteria are harmful.

6. They do not need sunlight as do most plants.

- (a) SQPR
- (b) QSPR
- (c) RPSQ
- (d) PRQS

**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. And then word

P.came from Inside

Q.meet the released civilians,

R.that after all,

S.the press could

6. but fleetingly.

- (a) RSQP
- (b) SRPQ
- (c) PRSQ
- (d) RPQS

**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.

Mrs. Madhuri has great respect and unlimited faith in her Director.

- (a)respect and unlimited faith for
- (b)respect for and unlimited faith for
- (c)respect for and unlimited faith In
- (d)respect in and unlimited faith for

**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.

What you have been doing in the workshop since last month ?

- (a)have you done
- (b)you have done
- (c)have you been doing
- (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.

DILATE

- (a)spin
- (b)weaken
- (c)widen
- (d)push

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

ARTFUL

- (a)artistic
- (b)cunning
- (c) intelligent
- (d)attractive

**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.

In an effort to produce the largest fastest and most luxurious ship afloat the British built the S.S. Titanic. It was so superior to anything else on the seas that it was dubbed unsinkable. So sure of this were the owners that they provided only twenty life boats and rafts less than one-half the number needed for the 2227 passengers on



board. Many passengers were aboard the night it rammmed an iceberg only two days at sea and .more than halfway between England and its New-York destination. Because the luxury liner was travelling so fast it was impossible to avoid the ghostly looking iceberg. An un extinguished fire also contributed to the ship s submersion. Panic increased the number of casualties as people jumped into the icy water or fought to be among the few to board the life boats. Four hours after the mishap another ship the Carpathia rescued 705 survivors. The infamous S. S. Titanic had enjoyed only two days of sailing glory on Its maiden voyage in 1912 before plunging into 12 000 feet of water near the coast of Newfoundland where it lies today.

All of the following are true except that

- (a)only a third of those aboard perished
- (b)the Carpathian rescued the survivors
- (c)the S.S. Titanic sank near Newfoundland
- (d)the S.S. Titanic was the fastest ship afloat in 191

**Q22.**All of the following contributed to the large death toll except

- (a)panic
- (b) fire
- (c) speed
- (d) the Carpathia

**Q23.**How many days was the S.S. Titanic at sea before sinking?

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

**Q24.**"Maiden voyage" is closest in meaning to

- (a)inaugural
- (b) most elegant
- (c) longest
- (d) final

**Q25.**What does this passage convey?

- (a)The S.S. Titanic proved itself the most seaworthy vessel in 1912
- (b)Attempts to rescue the S.S. Titanic s survivors were not successful
- (c)Overconfidence by builders and owners was greatly responsible for the sinking of the vessel
- (d)A fire and panic were the only causes for the sinking of the ship

### NUMERICAL APTITUDE

**Q26.**Ram's expenditure and savings are in the ratio 5 :

3. If his income increased by 12% and expenditure by 15%, then by how much percent does his savings increase?

- (a) 12%

- (b) 7 %
- (c) 8 %
- (d) 13%

**Q27.**The difference between the compound interest and simple interest for the amount Rs. 5000 in 2 years is Rs.

32. The rate of interest is:

- (a)5%
- (b)8%
- (c) 10%
- (d)12%

**Q28.**Two poles of equal height are standing opposite to each other on another side of a road which is 100m wide, From a point between them on road, angle of elevation of their tops are  $30^\circ$  and  $60^\circ$  the height of each pole ( in meter) is

- (a)  $25\sqrt{3}$
- (b)  $20\sqrt{3}$
- (c)  $28\sqrt{3}$
- (d) $30\sqrt{3}$

**Q29.**If O is the Circumcenter of a triangle ABC lying inside the triangle, the  $\angle OBC + \angle BAC$  is equal to

- (a)  $120^\circ$
- (b)  $110^\circ$
- (c)  $90^\circ$
- (d)  $60^\circ$

**Q30.**The HCF of two numbers is 96 and their LCM is 12

96. If one of the number is 864, the other is :

- (a) 132
- (b) 135
- (c) 140
- (d) 144

**Q31.**The proportion of acid and water in three samples is 2:1, 3:2, and 5:

3. A mixture containing equal quantities of all three samples is made. The ratio of Water and acid in the mixture is:

- (a) 120 : 133
- (b) 227 : 133
- (c) 227 : 120
- (d) 133 : 227

**Q32.**A, B and C enter into partnership. A puts in Rs. 1200 for 6 months, B Rs. 800 for 7 months and C Rs. 600 for 8 months . The share of A out of a profit of Rs. 396 is ;

- (a) Rs. 162
- (b) Rs. 62
- (c) Rs. 108
- (d) Rs. 18

**Q33.**Which of these pipes will empty a pool the fastest ?

- (a) One pipe of diameter 60 m
- (b) Two pipes of diameter 30 cm
- (c) Three pipes of diameter 20 cm



(d) None of these

**Q34.** In a right angled triangle XYZ right angled at Y. If  $XY = 2\sqrt{6}$  and  $XZ - YZ = 2$ , then  $\sec X + \tan X$  is :

- (a)  $1/\sqrt{6}$
- (b)  $\sqrt{6}$
- (c)  $2\sqrt{6}$
- (d)  $\sqrt{6}/2$

**Q35.**  $\sqrt[3]{0.000125}$  is equal to:

- (a) 0.5
- (b) 0.15
- (c) 0.05
- (d) 0.005

**Q36.** The square root of  $\left(\frac{\sqrt{3}+\sqrt{2}}{\sqrt{3}-\sqrt{2}}\right)$  is

- (a)  $\sqrt{3}+\sqrt{2}$
- (b)  $\sqrt{3}-\sqrt{2}$
- (c)  $\sqrt{2} \pm \sqrt{3}$
- (d)  $\sqrt{2}-\sqrt{3}$

**Q37.** A car travelling with  $5/7$  of its usual speed covers 42 km in 1 hour 40 min 48 sec. What is the usual speed of the car

- (a)  $125/7$  km/hr
- (b) 35 km/hr
- (c) 25 km/hr
- (d) 30 km/hr

**Q38.** If  $a + b + c = 15$  and  $a^2 + b^2 + c^2 = 83$  then the value of  $a^3 + b^3 + c^3 - 3abc$  :

- (a) 200
- (b) 180
- (c) 190
- (d) 210

**Q39.** A borrows Rs. 800 at the rate of 12% per annum simple interest and B borrows Rs. 910 at the rate of 10% per annum, simple interest. In how many years will their amounts of debt be equal?

- (a) 18 years
- (b) 20 years
- (c) 22 years
- (d) 24 years

**Q40.** A box contains Rs. 56 in the form of coins of one rupee, 50 paise and 25 paise. The number of 50 paise coins is double the number of 25 paise coins and four times the number of one rupee coins. How many 50 paise coins are there in the box?

- (a) 52
- (b) 64
- (c) 32
- (d) 16

**Q41.** A and B can complete a piece of work in 8 days, B and C can do it in 12 days, C and A can do it in 8 days, A, B and C together can complete it in :

- (a) 4 days
- (b) 5 days
- (c) 6 days
- (d) 7 days

**Q42.** By selling 90 ball pens for Rs. 160 a person loses 20%. The number of ball pens, which should be sold for Rs. 96 so as to have a profit of 20% is

- (a) 36
- (b) 37
- (c) 46
- (d) 47

**Q43.** If the length of each side of a regular tetrahedron is 12 cm, then the volume of the tetrahedron is

- (a)  $144\sqrt{2}$  cu. Cm
- (b)  $72\sqrt{2}$  cu. Cm
- (c)  $8\sqrt{2}$  cu. Cm
- (d)  $12\sqrt{2}$  Cu. cm

**Q44.** A and B have together three times. "what B and C have, while A, B, C together have thirty rupees more than that of A. If B has 5 times, that of C, then A has

- (a) Rs. 60
- (b) Rs. 65
- (c) Rs. 75
- (d) Rs. 45

**Q45.** The marked price of a piano was Rs. 15,0

00. At the time of sale, there were successive discount of 20%, 10% and 10% respectively on it. The sale price was

- (a) 9,720
- (b) 9,750
- (c) 9,760
- (d) 9,780

**Q46.** When the circumference of a toy balloon is increased from 20cm to 25cm its radius (in cm) is increased by:

- (a) 5
- (b)  $5/\pi$
- (c)  $5/2\pi$
- (d)  $\pi/5$

**Q47.** 5 persons live in a tent. If each person requires 16  $m^2$  of floor area and 100  $m^3$  space for air then the height of the cone of smallest size to accommodate these persons would be?

- (a) 16m
- (b) 18.75 m
- (c) 10.25 m
- (d) 20 m

**Q48.**  $\sqrt{\frac{1+\sin\theta}{1-\sin\theta}} + \sqrt{\frac{1-\sin\theta}{1+\sin\theta}}$  is equal to :



- (a)  $2 \cos \theta$
- (b)  $2 \sin \theta$
- (c)  $2 \cot \theta$
- (d)  $2 \sec \theta$

**Q49.** If  $p \times q = p + q + \frac{p}{q}$ , the value of  $8 \times 2$  is:

- (a) 6
- (b) 10
- (c) 14
- (d) 16

**Q50.** Two successive price increases 10% and 10% on an article are equivalent to a single price increase of

- (a) 19%
- (b) 20%
- (c) 21%
- (d) 22%

### GENERAL INTELLIGENCE & REASONING

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

Surgeon : Forceps :: ?

- (a) Doctor : Prescription
- (b) Refugee : Asylum
- (c) Blacksmith : Hammer
- (d) Driver : Brake oil

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

42 : 56 :: 72 : ?

- (a) 81
- (b) 90
- (c) 92
- (d) 100

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

EGIK : FILO :: FHJL : ?

- (a) JGMP
- (b) JGPM
- (c) GJPM
- (d) GJMP

**Q54.** Suresh introduces a man as He is the son of the woman who is the mother of the husband of my mother. How is Suresh related to the man?

- (a) Uncle
- (b) Son
- (c) Cousin
- (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 '+' stands for 'division'; 'x' stands for 'addition'; '-' stands for 'multiplication'; '÷' stands for 'subtraction', which of the following equations is correct?

- (a)  $5 - 3 + 2 \times 4 \div 8 = 2$
- (b)  $5 \times 3 + 2 - 4 \times 8 = 19$
- (c)  $5 \div 3 \times 2 - 4 + 8 = 8$
- (d)  $5 + 3 \times 2 \div 4 - 8 = 4$

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

- (a) Quiet-Calm
- (a) Seldom - Never
- (b) Peace - Tranquil
- (c) Rapid - Slow

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

- (a) Giraffe
- (b) Horse
- (c) Camel
- (d) Bullock

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

- (a) Detach
- (b) Affix
- (c) Append
- (d) Fasten

**Q59.** A direction pole was situated on the Road Crossing. Due to an accident, the pole turned in such a manner that the pointer which was showing East, started showing South. Sita, a traveller went to the wrong direction thinking it to be West. In what direction actually she was travelling ?

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

**Q60.** Rahul travelled from a point and sprightly goes to point V at a distance of 90 metres. He turned right and walked 40 metres, then again turned right and walked 70 metres. Finally, he turned right and walked 40 metres. How far he is from the starting point ?

- (a) 70 metres
- (b) 10 metres
- (c) 20 metres
- (d) 30 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

5, 7, 11, ?, 35, 67

- (a) 23
- (b) 28
- (c) 30
- (d) 19

**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

5, 11, 17, 25, 33, 43, ?

- (a) 53
- (b) 56
- (c) 49
- (d) 51

**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) TSWVZA
- (b) TSWVZY
- (c) HILKON
- (d) POSRUV

**Q64.** If A = 1 and LATE = 38, what is REBUT?

- (a) 65
- (b) 66
- (c) 64
- (d) 67

**Q65.** If the word 'PORTER' can be coded as 'MBNZQN' how can 'REPORT' be written ?

- (a) NQMBNZ
- (b) NQBMNZ
- (c) NBQMNZ
- (d) NQMNBZ

**Q66.** In a certain language PROSE is coded as PPOQE. How will LIGHT be coded ?

- (a) LIGFT
- (b) LGGHT
- (c) LLGFE
- (d) LGGFT

**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.

SIGNATURE

- (a) GUEST
- (b) RESIGN
- (c) CENTRE
- (d) NATURE

**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.

RECAPITULATION

- (a) CAPTURE
- (b) TABULATION
- (c) RELATION

(d) PICTURE

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

d\_n\_ \_nndm\_n

- (a) ndmnm
- (b) mndnm
- (c) mndmn
- (d) dmnmn

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

- (a) UXEN
- (b) DKUZ
- (c) LPUB
- (d) FOMY

**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

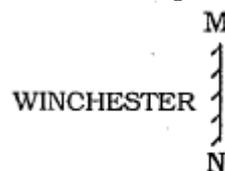
MATRIX-II

	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

DUMB

- (a) 65,42,02,33
- (b) 58,11,40,41
- (c) 77,04,33,11
- (d) 58,23,14,04

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



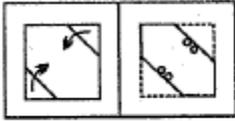
- (1) WINCHESTER
- (2) WINCHESTER
- (3) WINCHESTER
- (4) WINCHESTER

- (a) [1]
- (b) [2]

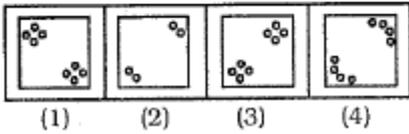
(c)[3]  
(d)[4]

**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 Figure :**



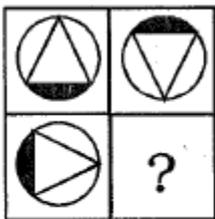
**Answer Figures :**



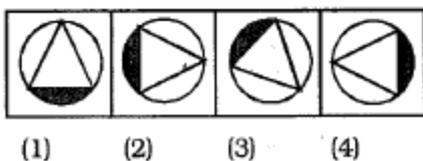
(a)[1]  
(b)[2]  
(c)[3]  
(d)[4]

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

**Question Figure :**



**Answer Figures :**



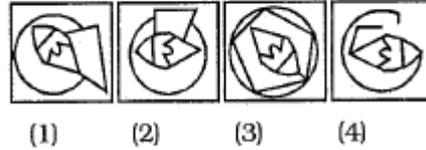
(a)[1]  
(b)[2]  
(c)[3]  
(d)[4]

**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.** In which one of the following countries, the anoxic basin, Manager Fjord is located?

- (a)Denmark
- (b)Canada
- (c)Venezuela
- (d)Gulf of Mexico

**Q77.**Who proposed the Preamble before the drafting commit-the of the Constitution?

- (a)Jawaharlal Nehru
- (b) B.R. Ambedkar
- (c) B.N. Rau
- (d) Mahatma Gandhi

**Q78.**Choose the newspapers weeklies that correspond accurately to their founders:

- 1.New India Commonwealth: Annie Besant
- 2.Comrade: Maulana Mohammad Ali
- 3.Sanjivani: K K Mehta
- 4.Vanguard of Indian Independence: M N Roy

Select the relevant code:

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

**Q79.**The special status of Jammu and Kashmir implies that the state has

- (a)separate defense forces
- (b)a separate constitution
- (c)a separate judiciary
- (d)all the above

**Q80.**Where do Bhagirathi and Alakananda join to form Ganga?

- (a) Karan Prayag
- (b) DevPrayag
- (c) Rudra Prayag
- (d) Gangotri



**Q81.** Milindapanha is a

- (a) Sanskrit play
- (b) political treatise
- (c) religious conversation
- (d) chronicle

**Q82.** In the context of Buddhism, examine the following statements:

1. Vinay Pitaka deals with the rules of Buddhist order.
2. Sutta Pitaka in a collection of Buddhist sermons.
3. Abhidhama Pitaka discusses the problems of metaphysics.
4. Jatakas deal with the strius of the previous births of Buddha.

Select code for correct statements:

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

**Q83.** Oxygen liberated during photosynthesis is coming from

- (a) Carbon dioxide
- (b) Water
- (c) Break down of chlorophyll II
- (d) Atmosphere

**Q84.** Which of these components of the blood is responsible for clotting?

- (a) R.B.C.
- (b) Lymphocytes
- (c) Monocytes
- (d) Platelets

**Q85.** The eastern coastal plain is also called as

- (a) Konkan coastal plain
- (b) Gujarat plain
- (c) Coromandal coastal plain
- (d) Malabar coastal plain

**Q86.** Which of the following is not a cause of low productivity in Indian agriculture ?

- (a) n Cooperative farming
- (b) Inadequate inputs availability
- (c) Subdivision and fragmentation of land holdings
- (d) Poor finance and marketing facilities.

**Q87.** Which one of the following battles led to the foundation of the Mughal rule at Delhi ?

- (a) Third Battle of Panipat
- (b) Second Battle of Panipat
- (c) Battle of Haldighati
- (d) First Battle of Panipat

**Q88.** The Commission in India dealing with minimum support price procurement price etc in connection with agricultural goods is the

- (a) Planning Commission

- (b) Agricultural Costs and Prices Commission
- (c) Agricultural Price Commission
- (d) National Marketing Commission

**Q89.** A gas thermometer is more sensitive than a liquid thermometer because a gas :

- (a) is lighter than liquid
- (b) expands more than a liquid
- (c) is easy to obtain
- (d) does not change state easily

**Q90.** Why is it difficult to breathe at higher altitudes?

- (a) Due to low air pressure
- (b) Due to low temperature
- (c) Due to ozone
- (d) Due to high humidity

**Q91.** Formation of ozone hole is maximum over

- (a) Africa
- (b) India
- (c) Antarctica
- (d) Europe

**Q92.** Denatured spirit is ethanol mixed with

- (a) Petrol
- (b) Kerosene
- (c) Water
- (d) Pyridine

**Q93.** ENIAC was

- (a) an electronic calculator
- (b) an electronic computer
- (c) an memory device
- (d) an engine

**Q94.** Which is the most stable eco system ?

- (a) Desert
- (b) Ocean
- (c) Mountain
- (d) Forest

**Q95.** Blood pressure is controlled by

- (a) Adrenal gland
- (b) Thyroid gland
- (c) Thymus
- (d) Corpus Luteum

**Q96.** Veins seen in the leaves serve the function of

- (a) Photosynthesis
- (b) Transpiration
- (c) Storage
- (d) Conduction

**Q97.** Cement is usually a mixture of

- (a) Calcium silicate and calcium aluminate
- (b) Calcium silicate and calcium ferrate.
- (c) Calcium aluminate and calcium ferrate



(d) Lime stone and silicon dioxide

**Q98.** Which mineral is the ore Of aluminium?

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

**Q99.** Tape recorder should not be kept near one of the following things:

- (a) Clock
- (b) Magnet
- (c) Electrical switchboard
- (d) Radio

**Q100.** The International Year of Biodiversity was

- (a) 2006
- (b) 2010
- (c) 1996
- (d) 1999

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