



SSC CHSL- 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.

Let him see the picture.

- (a) Let the picture be seen by him.
- (b) The picture is seen by him
- (c) Let him the picture be seen.
- (d) The picture is seen by him.

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 boys saved many elders from being drowned.

- (a) Many elders are saved from being drowned by the boys.
- (b) Many elders are being saved from being drowned by the boys.
- (c) Many elders were saved from being drowned by the boys.
- (d) Many elders have been saved from being drowned by the boys.

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

DESPISE

- (a) appease
- (b) flatter
- (c) admire
- (d) appreciate

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

CONTROVERSIAL

- (a) indisputable
- (b) restrained
- (c) controlled
- (d) appeasing

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.

Bill said, 'I am here to help you all.'

- (a) Bill said that he is here to help you all.
- (b) Bill said that he was there to help us all.
- (c) Bill said that he was here to help us all.
- (d) Bill said that he is there to help us all.

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.

Bala's mother: "Will you lock the door, Bala?"

- (a) Bala's mother told Bala that he need not lock the door.
- (b) Bala's mother asked Bala if he would lock the door.
- (c) Bala's mother asked Bala if he had locked the door.
- (d) Balas mother said lock the door.

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 soil was moist as (1)/there was little rain (2)/the day before(3)/No error (4)

- (a) The soil was moist as
- (b) there was little rain
- (c) the day before
- (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.

Three conditions (1)/critical for growing (2)/ plants are soil temperature chemical balance or amount of moisture (3)/ No error (4)

- (a) Three conditions
- (b) critical for growing
- (c) plants are soil temperature chemical balance or amount of moisture
- (d) No error

Q9. The mechanic the vehicle since this morning

- (a) repaired
- (b) repairing
- (c) has been repairing
- (d) will be repairing

Q10. Our life promises a lot _____ pleasure and we must learn to enjoy it

- (a) with
- (b) for
- (c) of
- (d) at

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.

I can no longer put up with her insolence.

- (a) endure
- (b) evade
- (c) suppress
- (d) assume



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.

to call it a day

- (a)to conclude proceedings
- (b)to initiate proceedings
- (c)to work through the day
- (d)None of the above

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

Irresistible craving for alcoholic drinks

- (a)Megalomania
- (b)Dipsomania
- (c)Kleptomania
- (d)Pyromania

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

The practice of submitting a proposal to popular vote

- (a)election
- (b) Reference
- (c) Popularity
- (d) Referendum

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 student came late to the school.
- P.He went home weeping.
- Q.The watchman didn't allow him inside the school.
- R.The boy was waiting outside for some time.
- S.He then decided to go home.
- 6. It was a bad day for him.

- (a)QSPR
- (b) QSRP
- (c) QRSP
- (d) QPSR

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. Jai Hal is a handball type game
- P. In fact, this game originated in the Basque, region of Spain
- Q.And in Florida it is legal to place, bets on the players of Jai Hay
- R. It, is one of the fastest moving ball games.

5.Although played quite well in Florida & Latin America, it is not an American game.

6.Sports experts agree that Jai Hay requires more skill, speed, endurance and nerve than any other game.

- (a) PSRQ
- (b) PSQR
- (c) SRPQ
- (d) SPRQ

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.

He comes often to our house.

- (a)come often
- (b)often comes
- (c)often come
- (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.

Whenever I doubt about the meaning of a word, I look up my dictionary.

- (a)Whenever I have a doubt
- (b)Whenever I am in doubt
- (c)The moment I doubt
- (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.

GENUINE

- (a) generous
- (b)healthy
- (c) natural
- (d)original

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

ACCRUE

- (a)accumulate
- (b)accommodate
- (c)grow
- (d)suffice

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.

Though every school child knows that unboiled tap Water contains unseen disease causing germs and Is unsafe to drink the high level of indifference to boiling water will come as a surprise to many. Comments Dr. S.S.



Narvekar Deputy Director Directorate of Health Services Government of Maharashtra. " We regularly monitor water quality in all major urban centres in this State. During 1995 - 96 we found that 9730 out of 159 233 samples of water were contaminated with disease causing organisms representing a high 11 percent of the total number of samples collected and analysed. This is an alarmingly high level of contamination considering that Maharashtra is one of the more developed states in India and it may be higher in other states. Also during late summer months when there is water scarcity and during the monsoon season contamination of drinking water is very high. Hence during these months it is doubly important to ensure drinking water is adequately sanitised."

In India the concern for safe drinking water is

- (a) very low
- (b) good.
- (c) enough.
- (d) more than expected.

Q22. In the highest income categories the number of people drink tap water without boiling it is

- (a) about half of the house holds.
- (b) all the house holds.
- (c) nearly three fourths of the households.
- (d) one fourth of the households.

Q23. During rainy season drinking water should be

- (a) cleaned.
- (b) sanitised
- (c) stored.
- (d) used.

Q24. There is a high level of to boiling water.

- (a) interest
- (b) indifference
- (c) care
- (d) curiosity

Q25. According to the passage unboiled tap water contains

- (a) impurities
- (b) chemicals
- (c) germs
- (d) waste matter

NUMERICAL APTITUDE

Q26. The allowance of an employee constitutes 165% of his basic pay. If he receives Rs. 11925 as gross salary, then his basic pay is :

- (a) 4000
- (b) 5000
- (c) 4500
- (d) 5500

Q27. A sum of Rs. 210 was taken as a loan. This is to be paid back in two equal installments. If the rate of interest be 10% compounded annually, then the value of each installment is

- (a) Rs.127
- (b) Rs. 121
- (c) Rs. 210
- (d) Rs.225

Q28. A vertical pole and a vertical tower are standing on the same level ground. Height of the pole is 10 meters. From the top of the pole the angle of elevation of the top of the tower and angle of depression of the foot of the tower are 60° and 30° respectively. The height of the tower is

- (a) 20 m
- (b) 30 m
- (c) 40 m
- (d) 50 m

Q29. In $\triangle ABC$, $AD \perp BC$ and $AD^2 = BD \cdot DC$ the measure of $\angle BAC$ is:

- (a) 75°
- (b) 90°
- (c) 45°
- (d) 60°

Q30. LCM of $\frac{2}{3}$, $\frac{4}{9}$ and $\frac{5}{6}$ is :

- (a) $\frac{8}{27}$
- (b) $\frac{20}{3}$
- (c) $\frac{10}{3}$
- (d) $\frac{20}{27}$

Q31. The measure of the angles of a triangle are in the ratio 2 : 7 :

11. Measures of angle are :

- (a) $16^\circ, 55^\circ, 88^\circ$
- (b) $18^\circ, 63^\circ, 99^\circ$
- (c) $20^\circ, 70^\circ, 90^\circ$
- (d) $25^\circ, 175^\circ, 105^\circ$

Q32. The value of $\frac{1}{\operatorname{cosec}\theta - \cot\theta} - \frac{1}{\sin\theta}$ is :

- (a) 1
- (b) $\cot\theta$
- (c) $\operatorname{cosec}\theta$
- (d) $\tan\theta$

Q33. The area (in m^2) of the square which has the same perimeter as a rectangle whose length is 48 m and is 3 times its breadth is

- (a) 1000
- (b) 1024
- (c) 1600
- (d) 1042

Q34. If $\sin\theta - \cos\theta = \frac{1}{2}$ then the value of $\sin\theta + \cos\theta$ is :

- (a) - 2



- (b) ± 2
(c) $\sqrt{7/2}$
(d) 2

Q35. A tourist spends daily as many rupees as the number of days of his total tour. If his total expenses were Rs. 361, then how many days did his tour last?

- (a) 17 days
(b) 19 days
(c) 21 days
(d) 31 days

Q36. A tap is dripping at a constant rate into a container. The level (L cm) of the water in the container is given by the equation $L = 2 - 2t$, where t is time taken in hours. Then the level of water in the container at the level of water in the container at the start is

- (a) 0 cm
(b) 1 cm
(c) 2 cm
(d) 4 cm

Q37. A man walks a certain distance in certain time, if he had gone 3 km per hour faster, he would have taken 1 hour less than the scheduled time, if he had gone 2 km per hour slower, he would have been one hour longer on the road. The distance (in km) is:

- (a) 60
(b) 45
(c) 65
(d) 80

Q38. If $(x-2)$ is a factor of $x^2 + 3Qx - 2Q$ then the value of Q is:

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

Q39. On a certain sum, the simple interest at the end of $25/4$ years becomes $3/8$ of the sum. The rate of interest is

- (a) 5%
(b) 6%
(c) 7%
(d) 8%

Q40. If $(x^3 - y^3) : (x^2 + xy + y^2) = 5:1$ and $(x^2 - y^2) : (x - y) = 7:1$, then the ratio equals :

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

Q41. A can do a piece of work in 8 days which B can destroy in 3 days. A has worked for 6 days, during the last 2 days of which B has been destroying. How many days must A now work alone to complete the work :

- (a) 7 days
(b) $22/3$ days
(c) $23/3$ days
(d) 8 days

Q42. A trader purchases a watch and a wall clock for Rs. 3

90. He sells them making a profit of 10% on the watch and 15% on the wall clock. He earns a profit of Rs. 51.

50. the difference between the original price of the wall clock and the watch is equal to

- (a) Rs. 80
(b) Rs. 120
(c) Rs. 110
(d) Rs. 100

Q43. A right prism has a triangular base whose sides are 13 cm, 20 cm and 21cm, if the altitude of the prism is 9 cm, then its volume is

- (a) 1143 cm^3
(b) 1314 cm^3
(c) 1413 cm^3
(d) 1134 cm^3

Q44. The weight of a container completely filled with water is 2.25 kg. The container weights 0.77 kg when its 0.2 part is filled with water. The weight (in kg) of the container when 0.4 part of its is filled with water is

- (a) 0.40
(b) 1.14
(c) 0.74
(d) 1.88

Q45. A shopkeeper sold an item at 10% loss after giving a discount equal to half the marked price. Then the cost price is

- (a) $1/9$ th of marked price
(b) $4/9$ th of marked price
(c) $5/9$ th of marked price
(d) $7/9$ th of marked price

Q46. The diameter of a cylinder is 7cm and its height is 16cm. using the value of $\pi=22/7$ the lateral surface area of the cylinder is::

- (a) 352 cm^2
(b) 350 cm^2
(c) 355 cm^2
(d) 348 cm^2

Q47. A hemisphere and a cone have equal base. If their heights are also equal, the ratio of their curved surface will be:

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



Q48. If A, B and C be the angles of a triangle, the incorrect relation is :

- (a) $\sin(a+b/2) = \cos c/2$
- (b) $\cos(a+b/2) = \sin c/2$
- (c) $\tan(a+b/2) = \sec c/2$
- (d) $\cot(a+b/2) = \tan c/2$

Q49. If $7^x = \frac{1}{343}$, then the value of x is :

- (a) 3
- (b) -3
- (c) 1/3
- (d) 1/7

Q50. The ratio of the number of boys and girls in a college is 3:

2. If 20% of boys and 25% of girls are adults, the percentage of those students who are not adults is:

- (a) 58%
- (b) 67.5%
- (c) 78%
- (d) 82.5%

GENERAL INTELLIGENCE & REASONING

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

Lock : Key :: Crime : ?

- (a) Investigation
- (b) Mystery
- (c) Criminal
- (d) Conviction

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

2 : 7 :: 6 : ?

- (a) 40
- (b) 39
- (c) 50
- (d) 72

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

ADCB : KNML :: EHGf : ?

- (a) DGFE
- (b) RUST
- (c) QRST
- (d) ZYXW

Q54. Suket has three daughters and each daughter has a brother. How many male members are there in the family ?

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

Q55. Find the odd man out from the given responses ?

- (a) TIW
- (b) RFD
- (c) CAP
- (d) PET

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

- (a) Ring
- (b) Tyre
- (c) Plate
- (d) Bangle

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

- (a) Lawyer
- (b) Carpenter
- (c) Doctor
- (d) Engineer

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

- (a) Emu
- (b) Penguin
- (c) Kiwi
- (d) Eagle

Q59. A man starts from his office and goes 5 km East. Then, he turns to the left and again walks for 3 km. Again he turns left and walks 5 km. At what distance is he from the starting point ?

- (a) 3 km
- (b) 4 km
- (c) 6 km
- (d) 7 km

Q60.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

BC, GH, LM, ?

- (a) PQ
- (b) RS
- (c) QR
- (d) OP

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, 50, 52, 26, 28, ?, 16, 8

- (a) 30
- (b) 36
- (c) 14
- (d) 32

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

- 1, 49, 121, ?, 289
 (a) 529
 (b) 169
 (c) 329
 (d) 225

Q63.Direction: How many even numbers are there in the following sequence of numbers which are immediately followed by an odd number as well as immediately preceded by an even number?
 86768932753422355228119

- (a) One
 (b) Three
 (c) Four
 (d) Five

Q64. If 35674 is written as 57896, how will 4213 be written as ?

- (a) 6435
 (b) 5397
 (c) 5889
 (d) 5376

Q65. If 'CAT' and 'BOAT' are written as 'XZG' and 'YLZG' respectively in a code language, how is 'EGG' to be written in the same language?

- (a) VSS
 (b) URR
 (c) VTT
 (d) UTT

Q66. Find the odd man out from the given responses ? 6, 9, 12, 15, 18, 22

- (a) 12
 (b) 18
 (c) 22
 (d) 6

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.

- SUPERIORITY
 (a) PURSE
 (b) PURSUIT
 (c) PRIORITY
 (d) PURITY

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.

- EMANCIPATE
 (a) PAINT
 (b) MANIAC
 (c) MENACE
 (d) PATENT

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

- rtx_sx_z_txy_yz
 (a) yyrxs
 (b) y y s xr
 (c) y y r s x
 (d) y y x rs

Q70. Find the odd man out from the given responses ? 10, 13, 234, 681, 997

- (a) 681
 (b) 10
 (c) 234
 (d) 13

Q71. 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 alternatives are represented by two classes of alphabets as in two matrices, given below. The columns and rows of Matrix (I) are numbered from 0 to 3 and that of Matrix (II) are numbered from 4 to 7. A letter from these matrices can be represented first by its row and next by its column, e.g., 'A' can be represented by 00, 76 and 'S' can be represented by 11, 66. Identify the set for the word PUSH

Matrix-I

	0	1	2	3
0	A	D	G	H
1	P	S	V	Z
2	C	F	I	M
3	T	L	E	Q

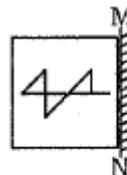
Matrix-II

	4	5	6	7
4	R	U	B	O
5	N	W	J	X
6	T	K	S	G
7	I	H	A	F

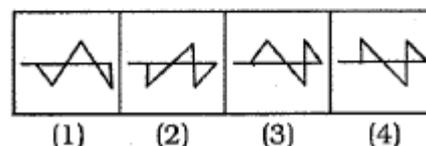
- (a) 10, 66, 45, 03
 (b) 30, 11, 54, 10
 (c) 10, 45, 66, 75
 (d) 01, 54, 66, 57

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

Question Figure :



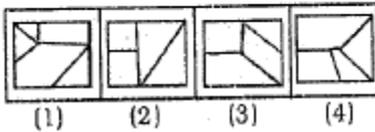
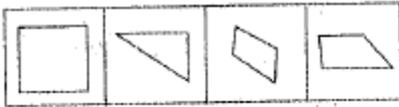
Answer Figures :



- (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.



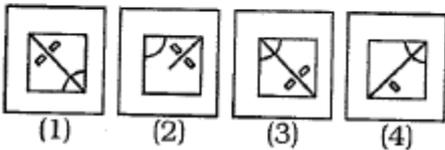
(a)[1]
(b)[2]
(c)[3]
(d)[4]

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

Question Figure :



Answer Figures :



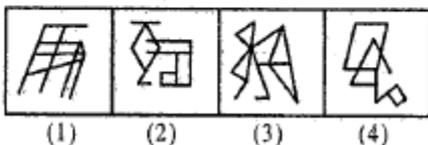
(a)[1]
(b)[2]
(c)[3]
(d)[4]

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

Question Figures :



Answer Figures :



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

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

GENERAL AWARENESS

Q76. An earthquake is also known as

- (a) Teacher
- (b) Tremor
- (c) Temper
- (d) None of these

Q77. According to WHO the bird flu virus cannot be transmitted through food cooked beyond

- (a) 60 degrees Celsius
- (b) 70 degrees Celsius
- (c) 90 degrees Celsius
- (d) 100 degrees Celsius

Q78. Which amongst the following is largest endocrine gland in the body?

- (a) Thyroid
- (b) Parathyroid
- (c) Adrenal
- (d) Pituitary

Q79. Which of the following could be used as fuel in propellant or rockets ?

- (a) Liquid Hydrogen + Liquid Nitrogen
- (b) Liquid Oxygen + Liquid Argon
- (c) Liquid Nitrogen + Liquid Oxygen
- (d) Liquid Hydrogen + Liquid Oxygen

Q80. Solder metal is an alloy of

- (a) lead and tin
- (b) lead and antimony
- (c) copper and zinc
- (d) copper and tin

Q81. Different computers are connected to a LAN by a cable and a

- (a) modem
- (b) interface card
- (c) special wires
- (d) telephone lines

Q82. Should cars have bumpers that collapse under impact?

- (a) Yes since the offending car should get damaged and pay for the mistake
- (b) No since it would be very expensive to get the car repaired
- (c) No since the colliding car would then ram into the occupants and kill them
- (d) Yes since they help to absorb the impact of a collision and keep the occupants safe

Q83. Postal voting is otherwise called :

- (a) plural voting
- (b) proxy voting



- (c) weighted voting
(d) secret voting

Q84. "Cattle rustling" refers to:

- (a) Infertile cattle of no use to man
(b) Poaching
(c) Theft of cattle
(d) Stray cattle

Q85. The formation of an Interim Government set up on September 2, 1946 was first envisaged by

- (a) Cripps Mission
(b) Wavell Plan
(c) Cabinet Mission Plan
(d) None of the above

Q86. Some of the important legislation Acts of the British Government that had important implications for India are cited here. Arrange them chronologically.

1. The Factory Acts
2. Abolition of import duty on cotton goods
3. The statutory civil service
4. The famine code

Select the code:

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

Q87. In India, Money bill is certified by

- (a) Prime Minister
(b) Finance Minister
(c) Speaker
(d) Chairman of the Upper House

Q88. Who is one of the propounders of the two star theory of origin of earth?

- (a) Laplace
(b) Kant
(c) La Pichon
(d) Jeffreys

Q89. Buddhas preaching's were mainly related to

- (a) belief in one god
(b) practice of rituals
(c) Purity of thought and conduct
(d) idol worship

Q90. Which of the following kingdoms mentioned below was not one of the four that surrounded the kingdom of Magadha?

1. Anga in the east
 2. Vajji confederacy to the north
 3. Kasi to its immediate west
 4. Kosala to its north
 5. Avanti to its immediate south
- (a) Only 4
(b) Only 2

- (c) Only 5
(d) Only 3

Q91. During photosynthesis the liberated gas is :

- (a) Carbon dioxide
(b) Oxygen
(c) Nitrogen
(d) Hydrogen

Q92. The seeds of certain plants fail to germinate if they do not pass through the digestive tract of fruit-eating birds. This is due to

- (a) hibernation
(b) seed coat impermeability
(c) infertility
(d) vegetative reproduction

Q93. Palghat joins which of the following states ?

- (a) Sikkim and West Bengal
(b) Maharashtra and Gujarat
(c) Kerala and Tamil Nadu
(d) Arunachal Pradesh and Sikkim

Q94. Jadugoda mines are famous for

- (a) iron ore
(b) mica deposits
(c) gold deposits
(d) uranium deposits

Q95. Who of the following became a member of the Din-a-ilahi?

- (a) Todarmal
(b) Raja Birbal
(c) Raja Man Singh
(d) Tansen

Q96. Reserve Bank of India was nationalised in

- (a) 1947
(b) 1948
(c) 1949
(d) 1951

Q97. Which of the following occurred first ?

- (a) Albert Einstein propounded the General Theory of Relativity
(b) Max Planck unveiled the Quantum Theory
(c) Guglielmo Marconi sent out the first wireless signals
(d) Wright Brothers successfully flew an aircraft

Q98. Bolometer is used to measure

- (a) Frequency
(b) Temperature
(c) Velocity
(d) Wavelength

Q99. The directive principles incorporated in the Indian constitution have been inspired by the constitution of

- (a) Australia
(b) Ireland



- (c) USA
- (d) Canada

Q100. Who was the Constitutional Advisor to the Constituent Assembly of India?

- (a) Dr. Rajendra Prasad
- (b) Dr. B. R. Ambedkar
- (c) Sir B.N. Rao
- (d) Shri K.M. Munshi

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