



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.

Who taught you grammar ?

- (a)By whom you were taught grammar?
- (b)By whom were you taught grammar?
- (c)By whom was grammar you taught?
- (d)By whom were grammar taught to you ?

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.

She is reading the book everyday.

- (a)The book is being read by her every day.
- (b)The1 book is read by her every day.
- (c)The book was read by her every day.
- (d)The book was being read by her every day.

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

COAX

- (a) dull
- (b) dissuade
- (c) active
- (d) speed

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

PROTEAN

- (a)(l)amateur
- (b) catholic
- (c) unchanging
- (d) rapid

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.

No, said the child, "I won't kneel, for if I do, I shall spoil my new pair of trousers"

- (a)The child said that he would not kneel for if he did so he will spoil his new pair of trousers.
- (b)The child said that he will not kneel for if he kneels he will spoil his new pair of trousers.
- (c)The child said that he would not kneel for if he did so he would spoil his new pair of trousers.
- (d)The child said that I will not kneel for if he did kneel he should spoil his new pair of trousers.

Q6.Directions: In the following questions, a sentence has been given in **Direct/Indirect Speech**. Out of the

four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct Speech.

He said, Alas I am undone !

- (a)He said that it was his undoing.
- (b)He exclaimed pathetically that he was undone.
- (c)He stated that he was undone.
- (d)He cried that he was being undone.

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.

Females (1)/ are not appointed(2)/ in our college (3)/ No error (4)

- (a) Females
- (b) are not appointed
- (c) in our college
- (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.

Of the billions of stars in the galaxy (1)/ how much are (2) /suitable for life (3)/? No error (4)

- (a)Of the billions of stars in the galaxy
- (b) how much are
- (c) suitable for life
- (d)? No error

Q9.Each school has Its own set of rules _____ all good pupils should follow them

- (a)but
- (b)or
- (c) so
- (d)and

Q10.Desire _____ self-expression is one of the basic qualities of man

- (a)for
- (b)on
- (c)by
- (d)over

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

The story does not hold water.

- (a)does not deserve appreciation
- (b)does not fulfill the requirements
- (c)cannot be believed
- (d)cannot be valued

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.

You have to read between the lines to understand most of the symbolic writing.

- (a) read again and again .
- (b) understand the hidden meaning
- (c) know the symbols
- (d) look for many meanings

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

Flat metal or Porcelain plate fixed on a wall as an ornament or memorial.

- (a) Tabloid
- (b) Poster
- (c) Board
- (d) Plaque

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

Military waking signal sounded in the morning

- (a) Reveille
- (b) Lullaby
- (c) Anthem
- (d) Soprano

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. Today political freedom
- P. and the right
- Q. however money and all that money
- R. assures people equality before law
- S. to elect their Government
- 6. can buy is not fairly distributed.

- (a) SPRQ
- (b) RPSQ
- (c) QRSP
- (d) PSRQ

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) Three painters competed for a prize.
- (P) Ram painted a curtain.
- (Q) A butterfly came and sat on the bunch of flowers was painted by Shyam.
- (R) And an ox tried to eat from the basket of apples was painted by Sohan.
- (S) And the Judge himself tried to lift the curtain.

(6) So Ram got the prize.

- (a) PSQR
- (b) P9RS
- (c) PSRQ
- (d) Q RPS

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.

The workers went on a strike asking for better pay and service condition.

- (a) requesting.
- (b) demanding
- (c). needing
- (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.

She is quite without affection and has no false pride.

- (a) admiration
- (b) affliction
- (c) affectation
- (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.

CONTEMPLATION

- (a) consideration.
- (b) meditation
- (c) deliberation
- (d) speculation

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

ETERNAL

- (a) innumerable
- (b) unmeasurable
- (c) prolonged
- (d) perpetual

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

The environment comprises all the physical social and cultural factors and conditions influencing the existence or the development of an organism. Due to indiscriminate industrialization man has created a state of decadence. He has continuously tampered "with nature which has resulted in the threat to the sustenance of mankind. Although attempts have been made to



restore nature to its previous state of purity and serenity the efforts have not been whole-hearted. Earth is the home we all share and would pass on to our future generations as their legacy. But if they inherit the present state of the world they would be unable to sustain themselves. Man has steadily improved the technologies and other means necessary for higher production of wealth and for the availability of devices that could give more physical and mental pleasures. The industrial revolution led to a drastic escalation of earth's surface temperature. Man exploited nature for his benefits without any foresight as to what the implications of his actions would be. Indiscriminate industrialization resulted in urban migration as the rural poor settled in cities in search of opportunities. Cities already facing a population crisis could not accommodate the migrants and this led to the development of slums. This has resulted in increased pressure on the available resources and further degradation of the environment.

A state of decadence has come about because of

- (a) indiscriminate exploitation of resources.
- (b) due to half-hearted attempts.
- (c) natural disasters.
- (d) None of the above

Q22. Why would the future generations find it difficult to live on the earth?

- (a) Due to global warming.
- (b) Because they have inherited an overexploited environment.
- (c) Because they rely only on technology
- (d) Due to lack of sustainability.

Q23. Implication means

- (a) after effects.
- (b) 1 consequence.
- (c) wrong doing.
- (d) causes.

Q24. The theme of the passage is

- (a) Environmental degradation
- (b) Environmental pollution
- (c) Crisis faced by the modern world
- (d) All of the above

Q25. Industrialization has resulted in

- (a) Overpopulation
- (b) Crowding of cities
- (c) Migration of people to the cities
- (d) both (2) (3)

NUMERICAL APTITUDE

Q26. The value of a machine depreciates by 5% every year. If its present value is Rs. 200000, its value after 2 years will be

- (a) Rs. 180500
- (b) Rs. 199000
- (c) Rs. 180000
- (d) Rs. 210000

Q27. The compound interest on Rs. 16000 for 9 months at 20% per annum, interest being compounded quarterly is:

- (a) Rs. 2520
- (b) Rs. 2524
- (c) Rs. 2522
- (d) Rs. 2518

Q28. Two boats A and B start towards each other from two places, 108 km apart. Speed of the boat A and B in still water are 12 km/hr and 15 km/hr respectively. If A proceeds down and B up the stream, they will meet after

- (a) 4.5 hours
- (b) 4 hours
- (c) 5.4 hours
- (d) 6 hours

Q29. In ΔABC , D and E are two mid points of sides AB and AC respectively. If $\angle BAC = 60^\circ$ and $\angle ABC = 65^\circ$ then $\angle CED$ is:

- (a) 125°
- (b) 75°
- (c) 105°
- (d) 130°

Q30. Which greatest number will divide 3026 and 5053 leaving remainder 11 and 13 respectively?

- (a) 19
- (b) 30
- (c) 17
- (d) 45

Q31. 200 litres of a mixture contains 15% water and the rest is milk. The amount of milk that must be added so that the resulting mixture contains 87.5% milk is

- (a) 30 litres
- (b) 35 Litres
- (c) 40 litres
- (d) 45 litres

Q32. A, B and C subscribe Rs. 47000 for a business. If A subscribes Rs. 7,000 more than B and B Rs. 5,000 more than C, then out of total profit of Rs. 4700, C receives.

- (a) Rs. 1200
- (b) Rs. 4500
- (c) Rs. 1000
- (d) None of these

Q33. Two pipes A and B can fill a cistern in $74\frac{1}{2}$ minutes and 45 minutes respectively. Both pipes are opened the cistern will be filled just in half an hour if the pipe B is turned off after

- (a) 15 minutes



- (b) 10 minutes
(c) 5 minutes
(d) 9 minutes

Q34. If $\tan(A+B) = \sqrt{3}$ and $\tan(A-B) = \frac{1}{\sqrt{3}}$, $(\angle A + \angle B) < 90^\circ$,

$A \geq B$, then $\angle A$ is :

- (a) 90°
(b) 30°
(c) 45°
(d) 60°

Q35. $(\sqrt{2} + \frac{1}{\sqrt{2}})^2$ equal to:

- (a) $5/2$
(b) $7/2$
(c) $9/2$
(d) $10/1$

Q36. Given that $\sqrt{2} = 1.414$, then the value of $\frac{1}{\sqrt{2}+1}$

- (a) 0.414
(b) 2.414
(c) 3.414
(d) 5.414

Q37. A and B are 20 km apart, A can walk at an average speed of 4 km/hr and B at 6 km/hr. If they start walking towards each other at 7 a.m. when they will meet?

- (a) 8:00 a.m.
(b) 8:30 a.m.
(c) 9:00 a.m.
(d) 10:00 a.m.

Q38. If $\sqrt{x} = \sqrt{3} - \sqrt{5}$, then the value of $x^2 - 16x + 6$ is :

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

Q39. A person lent Rs. 5000 partly at the rate of 4 % and partly at the rate of 5% per annum. At simple interest. The total interest after 2years is Rs. 4

40. The sum of money lent at each of the above rates is to be divided in the ratio:

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

Q40. A vessel contains a mixture of two liquids A and B in the ratio 7 : 5, When 9 litres of mixture is drained off and the vessel is filled with B, the ratio of A and B becomes 7 : 9, how many litres of liquid. A was contained by the vessel initially ?

- (a) 10 litres
(b) 20 litres
(c) 21 litres
(d) 25 liters

Q41. A and B can complete a piece of work in 15 days and 10 days respectively. They contracted to complete the work for Rs. 30,0

00. The share of A in the contracted money will be :

- (a) Rs. 18,000
(b) Rs. 16,500
(c) Rs. 12,500
(d) Rs. 12,000

Q42. A clock was sold for Rs. 1

44. If the percentage of profit was numerically equal to the cost price the cost of the clock was

- (a) Rs. 72
(b) Rs. 80
(c) Rs. 90
(d) Rs. 100

Q43. A right circular cylinder and a cone have equal base radius and equal height. If their curved surfaces are in the ratio 8 : 5, then the radius of the base to the height are in the ratio :

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

Q44. The digit in unit's place of the number $(1570)^2 + (1571)^2 + (1572)^2 + (1573)^2$ is :

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

Q45. In selling an article, the single discount equivalent to two successive discounts of 25% and 5% is

- (a) 28.75%
(b) 30%
(c) 27.5%
(d) 26%

Q46. Some bricks are arranged in an area measuring $20m^3$. if the length, breadth and height of each brick is 25cm, 12.5cm and 8cm respectively, then the number of bricks are suppose there is no gap in between two bricks:

- (a) 6000
(b) 8000
(c) 4000
(d) 10000

Q47. The radius of a metallic cylinder is 3 cm and its height is 5 cm. It is melted and molded into small cones, each of height 1 cm and base radius 1 mm. The number of such cones formed is

- (a) 450
(b) 1350
(c) 8500



(d) 13500

Q48. If $\tan \theta = 1$, then the value of $\frac{8\sin \theta + 5 \cos \theta}{\sin^3 \theta - 2 \cos^3 \theta + 7 \cos \theta}$ is :

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

Q49. If $\sin (90^\circ - \theta) + \cos \theta = \sqrt{2} \cos (90^\circ - \theta)$ then the value of $\operatorname{cosec} \theta$ is :

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

Q50. If A's salary is 50% more than that of B, that B's salary is less than A's by :

- (a) 33%
- (b) $121/3\%$
- (c) $133/3\%$
- (d) $100/3\%$

GENERAL INTELLIGENCE & REASONING

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

Parliament : Great Britain :: Congress : ?

- (a) Japan
- (b) India
- (c) USA
- (d) Netherlands

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 : (17, 13, 20)

- (a) 8, 12, 19
- (b) 11, 9, 30
- (c) 8, 19, 11
- (d) 5, 13, 11

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

PARTS : STRAP :: WOLF : ?

- (a) FOX
- (b) ANIMAL
- (c) WOOD
- (d) FLOW

Q54. A is father of C and D is son of B. E is brother of A. If C is sister of D how is B related to E?

- (a) Sister - in - law
- (b) Sister
- (c) Brother
- (d) Brother - in - law

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

The following equation becomes mathematically correct when you interchange either the sign or the numbers as indicated in the question. Find the correct alternative.

Given equation:

$$(16 - 4) \times 6 \div 2 + 8 = 30$$

- (a) 4 and 2
- (b) \div and -
- (c) 16 and 6
- (d) - and +

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

- (a) Sweet
- (b) Bitter
- (c) Salty
- (d) Insipid

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

- (a) Lemon
- (b) Orange
- (c) Apple
- (d) Grapefruit

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

- (a) Elephant
- (b) Tiger
- (c) Lion
- (d) Bear

Q59. 16. Raju facing North and moves 20 km, then he turned to his right and moves 20 km and then he moves 10 km in North-East, then he turned to his right and moves 20 km and then he turned to his right and moves 20 km, and again he turned to his left and moves 20 km. Now in which **direction** Raju is facing?

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

Q60. Mrs. Kiran starts from Gandhi Square, Kolkata, drives her car towards west 6 kms and turning to her right she drives 4 kms, then again turns the car to her right and moves 6 kms. How far is she from the starting point ?

- (a) 6 kms
- (b) 16 kms
- (c) 4 kms
- (d) 8 kms

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

22, 24, 28, ?, 52, 84



- (a) 46
(b) 36
(c) 38
(d) 42

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

2, 4, 12, 48, ?

- (a) 224
(b) 232
(c) 240
(d) 256

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

_bcc_a abc_baab_

- (a) acac
(b) abcc
(c) aebe
(d) abac

Q64. If GLARE is coded as 67810 and MONSOON as 2395339 then how can RANSOM be coded ?

- (a) 183952
(b) 198532
(c) 189352
(d) 189532

Q65. If MONKO is coded as 57637, then how KUMN be coded in the same code ?

- (a) 32456
(b) 34256
(c) 35156
(d) 32546

Q66. If LAME is written as ODPH, how can MALE be written in that code?

- (a) HOPD
(b) DOPH
(c) OPDH
(d) PDOH

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.

JUXTAPOSITION

- (a) TAXI
(b) TOXIC
(c) SPOT
(d) POST

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.

HALLUCINATION

- (a) LION
(b) LOAN
(c) NATION
(d) LOTION

Q69.Direction: From the given alternative words, select the word which can be formed using the letters of the given word

DISCOVERY

- (a) STORY
(b) RECOVER
(c) ROARED
(d) DECOY

Q70. If LAME is written as ODPH, how can MALE be written in that code?

- (a) HOPD
(b) DOPH
(c) OPDH
(d) PDOH

Q71.Directions : Given below are two Matrices of 25 cells each containing two classes of alphabets. The columns and rows of Matrix I are numbered from 0 to 4 and those 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. For example, 'B' can be represented as 00,14 etc. Similarly 'M' can be represented by 55, 67 etc. In each of the following questions (92 to 96) identify one set of number pair out of 1, 2, 3 and 4 which represents the given word.

Matrix-I

	0	1	2	3	4
0	B	D	E	T	O
1	D	E	T	O	B
2	E	B	O	D	T
3	T	O	B	E	D
4	O	T	D	B	E

Matrix-II

	5	6	7	8	9
5	M	U	I	L	R
6	U	L	M	R	I
7	I	M	R	U	L
8	L	R	U	I	M
9	R	I	L	M	U

Cell numbers: 86, 75, 34, 02

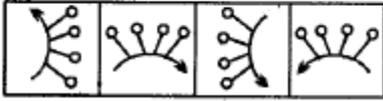
- (a) RIDE
(b) RUDE
(c) LIER
(d) RULE

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

Question Figure :



Answer Figures :

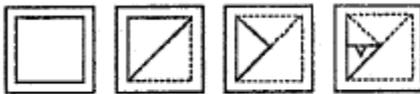


(1) (2) (3) (4)

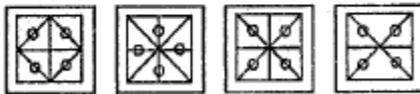
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

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 Figure :



Answers Figure :

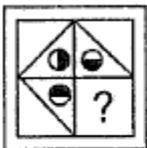


(1) (2) (3) (4)

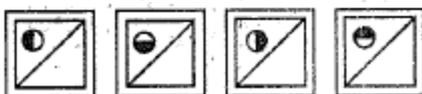
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

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

Given Figure :



Answer Figures :



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

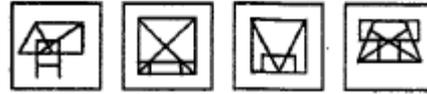
- (a)[1]
- (b)[2]
- (c)[3]
- (d)[4]

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

Given Figure :



Answer Figures :



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

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

GENERAL AWARENESS

Q76. The boundary between India and Pakistan was demarcated by

- (a) Lord Mountbatten
- (b) Sir Cyril Radcliffe
- (c) Sir Stafford Cripps
- (d) None of the above

Q77. My own belief is that the Congress is tottering, and one of my great ambitions is to assist it to a peaceful death. Who said it?

- (a) Winston Churchill
- (b) Lord Canning
- (c) Lord Curzon
- (d) Mohammad Ali Jinnah

Q78. Arrange the Chairmen of the Election Commission in the chronological order

- 1.T.S. Krishna Murthy
 - 2.T.N. Seshan
 - 3.Sukumar Sen
 - 4.Smt. V.S. Rama Devi
- (a) 3, 4, 2, 1
 - (b) 4, 3, 2, 1
 - (c) 4, 3, 1, 2
 - (d) 4, 1, 2, 3

Q79. Which theory makes the use of Jig Saw Fit in its support?

- (a) tidal hypothesis
- (b) tetrahedral theory
- (c) cycle of erosion
- (d) continental drift theory

Q80. The famous Chinese pilgrim Fahien visited India during the reign of

- (a) Chandragupta I



- (b) Handragupta II
- (c) Ramagupta
- (d) Srigupta

Q81. Of the various terms that are used to denote cities in ancient Indian literature, which is the earliest.

- (a) Nagar
- (b) Nigama
- (c) Pur
- (d) Mahanagar

Q82. Which was the first antibiotic ?

- (a) Terramycin
- (b) Neomycin
- (c) Penicillin
- (d) Streptomycin

Q83. The concept of survival of the fittest was first advocated by

- (a) Oparin
- (b) Darwin
- (c) Spencer
- (d) Haeckel

Q84. The northern part of the west coast is known as

- (a) Coromandal coast
- (b) Malabar coast
- (c) Konkan coast
- (d) Northern circars

Q85. In the world India tops in the production of

- (a) Nickel
- (b) Uranium
- (c) Mica
- (d) Manganese

Q86. The system of communal electorate in India was first introduced by

- (a) Indian Council Act of 1892
- (b) Minto Morey reforms of 1909
- (c) Mantagu Cheknsford reforms of 1919
- (d) Indian Council Act of 1935

Q87. Where is the Indian Institute of Foreign Trade Located ?

- (a) New Delhi
- (b) Hyderabad
- (c) Mumbai
- (d) Ahmedabad

Q88. When pressure is increased the melting point of ice

- (a) increases
- (b) does not change
- (c) decreases
- (d) depends on the impurities in the ice

Q89. A person is hurt on kicking a stone due to

- (a) Inertia
- (b) Velocity

- (c) Reaction
- (d) Momentum

Q90. In Indian Republic the real executive authority rests with the :

- (a) Prime Minister
- (b) President
- (c) Bureaucrats
- (d) Council of Ministers

Q91. Who was the President of the Republic of India who consistently described Indian Secularism as 'Sarvapharma Samabhav'?

- (a) Dr. S. Radha krishnan
- (b) Dr. Zakir Hussain
- (c) Dr. Rajendra Prasad
- (d) Gaini Zail Singh

Q92. The ratio of pure gold in 18 carat gold is

- (a) 60%
- (b) 75%
- (c) 80%
- (d) 90%

Q93. In nuclear reactors graphite is used as a an

- (a) fuel
- (b) lubricant
- (c) moderator
- (d) insulator

Q94. PDA stands for

- (a) Personal Digital Assistant
- (b) Personal Development Agency
- (c) Personal Data Authority
- (d) Personal Data Array

Q95. Bee Keeping is known as

- (a) Sericulture
- (b) Apiculture
- (c) Aquaculture
- (d) Agriculture

Q96. Bones are pneumatic in

- (a) Fishes
- (b) Amphibians
- (c) Reptiles
- (d) Birds

Q97. The fiber least prone to catch fire is

- (a) nylon
- (b) (2) polyester
- (c) cotton
- (d) terylene

Q98. A powerful eye irritant present in smog is

- (a) nitric oxide
- (b) Sulphur dioxide
- (c) peroxyacetyl nitrate



(d) carbon dioxide

Q99.In a diesel engine the high temperature needed to ignite the fuel is achieved by

- (a) using heat from exhaust
- (b) the battery
- (c) compressing air in the cylinders
- (d) an electrical spark

Q100.Compounds used to convert animal hides to leather are

- (a) Lignins
- (b) Enzymes
- (c) Tannins
- (d) Lipids

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