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 can question Gandhi's integrity?
(a)By whom Gandhi's integrity can be questioned ?
(b)By whom can Gandhi's integrity be questioned ?
(c)Gandhi's integrity can be questioned by whom ?
(d)Who could have questioned Gandhi's integrity ?

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.
Promises should be kept.
(a)You must keep promises.
(b)We must keep promises.
(c)Keep promises.
(d)One should keep promises.

Q3.Directions : In these questions choose the word opposite in meaning to the word given in bold.
INTELLIGIBLE
(a)dull
(b)foolish
(c)garbled
(d) confused

Q4.Directions : In these questions choose the word opposite in meaning to the word given in bold.
DISHEVELLED
(a) composed
(b)Tidy
(c) confident
(d)jovial

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, "My parents are arriving tomorrow."
(a)(IJ He said that his parents are arriving the next day.
(b)He said that his parents were arriving the next day.
(c)He said that his parents are arriving tomorrow.
(d)He said that his parents have arrived the next day.

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.
Naren said, "Why are you still waiting here, vinod?"
(a)Naren asked Binod why he was still waiting there.
(b)Naren asked Binod that why he was still waiting there.
(c)Naren asked Binod why he is still waiting there.
(d)Naren asked Binod that why you were still waiting there.

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.
Supposing that the Information(1)/ proves to be totally reliable (2)/should we still have to recast the plans ? (3)/No error (4)
(a) Supposing that the Information
(b) proves to be totally reliable
(c) should we still have to recast the plans ?
(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.
Until the world lasts (1)/the earth will go (2)/ round the sun(3)/ No error(4)
(a) Until the world lasts
(b) the earth will go
(c) round the sun
(d)No error

Q9. The dramatist must cater _____ the taste of the audience
(a) to
(b) over
(c) into
(d) for

Q10. The song in the play cannot be deleted as it is _____ to the story
(a) intervened
(b) innate
(c) exacting
(d) integral

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.
to keep under wraps means to keep something
(a)covered
(b) protected
(c) unpacked
(d) secret

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 take someone for a ride
(a)to give a ride to someone
(b)to deceive someone
(c)to be Indifferent
(d)to disclose a secret

Q13. Directions: Out of the four alternatives, choose the one which can be **substituted** for the given words/sentence.
The habit of always admiring oneself
(a) Psychosis
(b) Neurosis
(c) Narcissism
(d) Paranoia

Q14. Directions: Out of the four alternatives, choose the one which can be **substituted** for the given words/sentence.
Release of a prisoner from jail on certain terms and condition
(a)Parole
(b)Parley
(c)Pardon
(d)Acquittal

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) There are thousands of us
(P)former school and college"friends""
(Q)by some of our
(R)at the careers chosen
(S)who are surprised
(6) and their success in these fields.
(a) SRQP
(b)RQSP
(c) PQSR
(d)SPQR

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. Louis Washkan sky was a 56 year old South African.
P.He had a damaged heart.
Q.A team of doctors led by Dr. C. Barnard was formed.
R.He could not be cured.
S.So the doctors decided to give him a new heart.
6. The team conducted the operation.
(a) QSRP
(b) RPSQ

(c) SQPR
(d) PRSQ

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 NYC building at New York City is as high as every other building in the United States of America.
(a)high than every other building
(b)as high as every other building
(c)higher than any other one
(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.
I used to have very thick hair.
(a)use to have
(b)used to having
(c)used to had
(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.
TOXIC
(a)bitter
(b) foul-smelling
(c) remedial
(d) poisonous

Q20.Directions: In the following questions out of the four alternatives, choose the one which best expresses, the meaning of the given word.
AUDACIOUS
(a)brilliant
(b) powerful
(c) bold
(d) frightening

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 victory of the small Greek democracy of Athens over the mighty Persian Empire in 490 B.C. is one of the moat famous events in history. Darius King of the Persian Empire was furious because Athens had interceded for the other Greek city-states in revolt against Persian domination. In anger the King sent an enormous army to defeat Athens. He thought It would take drastic steps to pacify the rebellious part of the Empire. Persia was ruled by one man. In Athens however all citizens helped to rule. Ennobled by this participation Athenians were

prepared to die for their city-state. Perhaps this was the secret of the remarkable victory at Marathon which freed them from Persian rule. On their way to Marathon the Persians tried to fool some Greek city-states by claiming to have come in peace. The frightened citizens of Delos refused to believe this. Not wanting to abet the conquest of Greece they fled from their city and did riot return until the Persians had left. They were wise for the Persians next conquered the city of Etrla and captured its people. Tiny Athens stood alone against Persia. The Athenian people went to their sanctuaries. There they prayed for deliverance. They asked their Gods to expedite their victory. The Athenians refurbished their weapons and moved to the plain of Marathon where their little band would meet the Persians. At the last moment soldiers from Plataea reinforced the Athenian troops. The Athenian army attacked and Greek citizens fought bravely. The power of the mighty Persians was offset by the love that the Athenians had for their city Athenians defeated the Persians in archery and hand combat. Greek soldiers seized Persian ships and burned them and the Persians fled In terror. Herodotus a famous historian reports that 6400 Persians died compared with only 192 Athenians.

Who has given an account of the battle between Greece and Persia ?
(a)Darius
(b) Herodotus
(c) Plataea
(d) None of the above

Q22. What did the Athenians do to expedite victory ?
(a)They equipped their army with better weapons.
(b)They prayed for assistance of neighboring states.
(c)They fooled the Persians by retreating.
(d)They sought divine assistance

Q23. Marathon was the place where.
(a)people went to sanctuaries
(b)Athenians achieved victory
(c)Darius ruled
(d)Greeks seized Persian ships

Q24. In the passage "intercede" means to
(a)argue in favour of
(b)support without any conditions
(c)justify with examples
(d)intervene on behalf of

Q25. This is a passage about
(a)military strategy.
(b) committed patriotism.
(c) social harmony.
(d) historical record.

NUMERICAL APTITUDE

Q26.31% of employees pay tax in the year 20 08. Non-tax paying employees are 276 00. The total number of employees are:
(a)31160
(b)64750
(c)40000
(d) 66775

Q27. Find the rate percent per annum if Rs. 2,000 amounts to Rs. 2315.25 in a year and , interest being compounded half yearly.
(a)10%
(b)11.5%
(c) 5%
(d)20%

Q28. The angle of elevation of the top of a tower from a point on the ground is 30° and moving 70 meters towards the tower it becomes 60°. The height of the tower is
(a) 10 meter
(b) 10/√3 meter
(c) 10√3 meter
(d) 35√3 meter

Q29.AB is a diameter of a circle having center at O. PQ is a chord which does not intersect AB. Join AP and BQ. If ⬜PAB= ⬜ABQ, then ABQP is a:
(a) Cyclic rhombus
(b) Cyclic rectangle
(c) cyclic trapezium
(d) cyclic square

Q30. The greatest number by which 2300 and 3500 are divided leaving the remainders of 32 and 56 respectively. If,
(a) 168
(b) 42
(c) 48
(d) 136

Q31. If θ be a positive acute angles satisfying $\cos^2\theta + \cos^4\theta = 1$, then the value of $\tan^2\theta + \tan^4\theta$ is :
(a) 3/2
(b) 1
(c) 1/2
(d) 0

Q32. If r sin θ = 1, r cos θ= √3, then the value of (√3tanθ +1) is:
(a) √3
(b) 1/√3
(c) 1
(d) 2

Q33. There is a rectangular tank of length 180 m and breadth 120 m in a circular field of the area of the land

portion of the field is 40000 m^2, what is the radius of the field ?
(a) 130 m
(b) 135 m
(c) 140 m
(d) 145 m

Q34. If $a \cos \theta + b \sin \theta = P$ and $a \sin \theta - b \cos \theta = q$ then the relation between a,b, P and q is :
(a) $a^2-b^2=p^2-q^2$
(b) $a^2+b^2=p^2+q^2$
(c) $a+b=p+q$
(d) $a-b=p-q$

Q35. The value of $\dfrac{4-\sqrt{0.04}}{4+\sqrt{0.4}}$ is close to
(a) 0.4
(b) 0.8
(c) 1.0
(d) 1.4

Q36. The simplified value of
$$\frac{1}{\sqrt{2}+\sqrt{3}-\sqrt{5}} + \frac{1}{\sqrt{2}-\sqrt{3}-\sqrt{5}}$$
(a) 0
(b) 1
(c) $\sqrt{2}$
(d) $1/\sqrt{2}$

Q37. Two trains start from stations A and B and travel towards each other at speeds of 50 kmph and 60 kmph. respectively. At the time of their meeting, the second train has travelled 90 km more than the first. The distance between A and B is
(a) 1200 km
(b) 1440 km
(c) 1320 km
(d) 990 km

Q38. If x^2+ax+b is a perfect square, then which one of the following relations between a and b is true?
(a) $a^2 = b$
(b) $a^2 = 4b$
(c) $b = 4a$
(d) $b^2 = a$

Q39. In what time will Rs.1860 amount to 2,641.20 at simple interest 12% per annum ?
(a) 3 years
(b) 7/2 years
(c) 4 years
(d) 9/2 years

Q40.2 kg mixture of copper and aluminium, 30% is copper. How much aluminium powder should be added the mixture so that the quantity of copper becomes 20%?
(a) 900 gms

(b) 800 gms
(c) 1000 gms
(d) 1200 gms

Q41. Working efficiencies of P and Q for completing a piece of work are in the ratio 3 :
4. The number of days to be taken by then to complete the work will be in the ratio:
(a) 3: 2
(b) 2: 3
(c) 3 : 4
(d) 4: 3

Q42. The cost price of a radio is Rs. 600 .The 5% of the cost price is charged towards transportation. After adding that, If the net profit to be made is 15%, them the selling price of the radio must be
(a) Rs. 704.50
(b) Rs. 724.50
(c) Rs. 664.50
(d) Rs. 684,50

Q43. The base of a right prism is a trapezium whose lengths of two parallel sides are 10 cm and 6 cm and distance between them is 8 cm , its volume is
(a)300cm^3
(b)300.5 cm^3
(c)320 cm^3
(d)310 cm^3

Q44. The sum of two numbers is 37 and the difference of their squares is 185,then the difference of the two numbers is:
(a)10
(b)5
(c)4
(d)3

Q45. After allowing 10% discount dealer wishes to sell a machine for Rs. 2,7
00. At what price just the machine be marked ?
(a) 270
(b) 3,000
(c) 2,970
(d) 2,430

Q46.A right angled sector of radius r cm is rolled up into a cone in such a way that the two binding radii are joined together. Then the curved surface area of the cone is:
(a) $\pi r^2 \text{ cm}^2$
(b) $\pi r^2 /4 \text{ cm}^2$
(c) $\pi r^2 /2 \text{ cm}^2$
(d) $2\pi r^2 \text{ cm}^2$

Q47. If the radius of the base of a cone be doubled and height is left unchanged, then ratio of the volume of new cone to that of the original cone Will be :
(a) 1 : 4

(b)2 : 1
(c)1 : 2
(d) 4: 1

Q48. The value of tan1° tan2° tan3° ... tan 89° is :
(a) 1
(b) 0
(c) √3
(d) 1/√3

Q49. If $\frac{x}{y} = \frac{3}{4}$, the value of $\frac{6}{7} + \frac{y-x}{y+x}$ is :
(a) 1
(b) 2/7
(c) 3/7
(d) 10/7

Q50. In an examination, 70% of the candidates passed in English , 80% passed in mathematics and 10% failed in both the subjects. If 84 candidates passed in both , the total number of candidates was:
(a) 125
(b) 200
(c) 240
(d) 375

GENERAL INTELLIGENCE & REASONING

Q51. Direction: In each of the following questions, select the related word from the given alternatives.
 Health : Sickness : : Happiness : ?
(a) Medicine
(b) Treatment
(c) Misery
(d) Cheerfulness

Q52. Direction: In each of the following question, select the related number from the given alternatives.
20 : 30 : : ? : 72
(a)56
(b)59
(c)68
(d)61

Q53. Direction: In each of the following questions, select the related letter from the given alternatives.
RIDE : LNBE : : HELP : ?
(a)NINP
(b) BAJP
(c) JPCH
(d) BJJP

Q54. Karan has a brother 'Prem' and a sister 'Neesha'. Karan's wife is 'Naj' and has a daughter 'Naksha'. Naksha got married with Neesha's son Akbar and has a baby girl'Riya'. What is relation between 'Naksha' and 'Neesha'?
(a)Sister

(b)Niece and Aunt
(c)Mother and Daughter
(d)Mother and Granddaughter

Q55. Find the odd man out from the given responses ?
(a)DCBA
(b)HGFE
(c)PONM
(d)IJKL

Q56. Find the odd man out from the given responses ?
(a) Potato
(b) Tomato
(c) Cauliflower
(d) Brinjal

Q57. Find the odd man out from the given responses ?
(a)Leaf
(b)Stem
(c)Branches
(d)Garden

Q58. Find the odd man out from the given responses ?
(a) Anther
(b) Retina
(c) Ovary
(d) Petal

Q59. Rohan walks a distance of 3 kms towards North, then turns to his left and walks for 2 kms. He again turns left and walks for 3 kms. At this point he turns to his left and walks for 3 kms. How many kms is he from the starting point?
(a) 5 kms
(b) 3 kms
(c) 2 kms
(d) 1 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
M E N I P O ? , ?
(a) QI
(b)PA
(c) QU
(d)QO

Q61. Directions: In each of the following questions a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series

2, 3, 5, 6, ?, 9, ?, 12
(a) 9, 11
(b)11, 8
(c) 8, 11
(d)8, 10

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

3, 6, 12, 21, ?, 48
(a)31
(b)33
(c) 34
(d)38

Q63.Direction: In each of the following questions, a series is given, with one terms missing. Choose the correct alternatives from the given ones that will complete the series.
If 364 (146) 437, then 574(?)641
(a)250
(b)134
(c) 236
(d)35

Q64. If MILITARY can be written as 12324567, how can LIMIT be written in that code ?
(a) 32124
(b) 42123
(c) 12324
(d) 42125

Q65. If LEMON is written as OVNLM, how can MELON be written in the same way?
(a) NVOML
(b) LMNOV
(c) NVOLM
(d) NVLOM

Q66. Find the odd man out from the given responses ?
37, 45, 49, 65, 79
(a)37
(b) 45
(c) 49
(d) 65

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.
ADMINISTRATOR
(a) ADMIT
(b) NEST
(c) MANIA
(d) ROAD

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.
SYNTHESIS

(a)THESIS
(b)STORY
(c) THEN
(d) THIS

Q69. **Direction**: Which one set of letters when sequentially placed at the gaps in the given letters series shall complete .
a_c_baab_cb_
(a)abbc
(b)abab
(c) aabb
(d)bcca

Q70. Find the odd man out from the given responses ?
(a) 1, 2, 4, 8
(b) 2, 6, 10, 14
(c) 3, 9, 15, 21
(d) 7, 21, 35, 49

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 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., A' can be represented by 55, 67 etc., and 'R' can be represented by 23, 30 etc. Similarly, identify the set for the word DART.

Matrix I					
	0	1	2	3	4
0	F	O	M	S	R
1	S	R	F	O	M
2	O	M	S	R	F
3	R	F	O	M	S
4	M	S	R	F	O

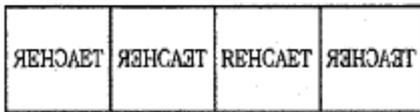| Matrix II					
	5	6	7	8	9
5	A	T	D	I	P
6	I	P	A	T	D
7	T	D	I	P	A
8	P	A	T	D	I
9	D	I	P	A	T

(a)76, 86, 03, 87
(b)57, 55, 04, 56
(c)95, 98, 42, 65
(d)69,67,11,86

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

Question Figure :

Answers Figures :
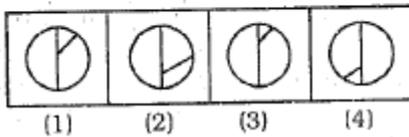

(a)[1]
(b)[2]
(c)[3]
(d)[4]

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.

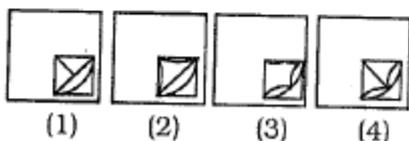**Question Figure :**

Answer figures :

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

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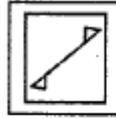
Question Figure :

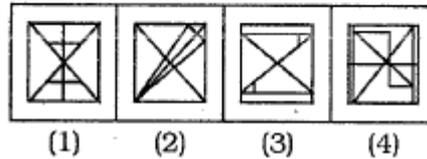**Answer Figures :**

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

(d)[4]

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

Question Figures :

Answer Figures :

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

GENERAL AWARENESS

Q76. In MRI machine which one Of the following is used?
(a)Sound wave
(b)X-ray
(c)Ultrasound wave
(d)Magnetic wave

Q77. Money Bill can be introduced in the State Legislative Assembly with the prior permission of the
(a)Governor Of the State
(b)Chief Minister of the State
(c)Speaker of Legislative Assembly
(d)Finance Minister of the State

Q78. Consider the following statements:
1.The last ice age reached its maximum about 18000 years ago.
2.Rapid melting of ice in Holocene period after the last ice age raised the sea level by about 100 meters.
Which of the above statements is/are true?
(a)1 only
(b)2 only
(c)Both 1 and 2
(d)Neither 1 nor 2

Q79. Consider the following statements:
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(d)Neither 1 nor 2

Q80. Chronic exposure of plants to sulphur dioxide leads to chlorosis, which is
(a)Blackening of buds
(b)Burning of roots
(c)Bleaching of green leaves
(d)Retarded growth

Q81. What was the chief programme of the Swaraj party?
(a)council entry
(b)constitutional opposition
(c)rural reconstruction programme
(d)none of the above

Q82. Which of the following factors did not directly contribute to the quitting of India by the British in 1945-47?
(a)Disaffection in the British Indian army (1945-46) and the great Bombay Naval Strike (1946).
(b)Change in the total objective situation worldwide
(c)Victory of the Labour Party in England
(d)The Tebhaga upsurge in Bengal (1946-47) and Te-langana Peasant armed revolt in Hyderabad

Q83. Who is authorised to decide a dispute regarding the dis-qualification of members of Parliament?
(a)The President
(b)Supreme Court
(c)Election Commissioner
(d) President in consultation with Election Commission

Q84. How much is the density of population (persons sq. km.)as per Census of India 2011?
(a)402
(b)342
(c)382
(d)328

Q85. Indus Valley civilization was spread over
(a)Punjab, Sind, Baluchistan
(b)Punjab, Sind, Rajasthan, Gujarat
(c)along River Indus
(d)Sind, Punjab, Jammu & Kashmir, UP, Rajasthan, Gujarat

Q86. Which one of the following is correctly matched?
(a)Kumrahar—Bull capital
(b) Rampurva—Lion capitala.
(c)Lomas Rsi—Rock cut cave
(d)Safnath Pillared hall

Q87. The animal which has become extinct recently in India happens to be
(a) Golden cat
(b) Cheetah
(c) Wooly wolf
(d) Rhinoceros

Q88. Which of the following makes the skin layer impervious to water ?
(a)Collagen
(b) Melanin
(c) Keratin
(d) Chitin

Q89. Kanchenjunga is situated in
(a)Nepal
(b)Sikkim
(c)West Bengal
(d)Himachal Pradesh

Q90. In a slanting hilly Indian terrain experiencing more than 200 cms of annual rainfall which one of the following crops can be cultivated best ?
(a)Cotton
(b)Jute
(c)Tobacco
(d)Tea

Q91. Amir Khusrau was a musician and
(a)Sufi saint
(b)Persian and Hindi writer and scholar
(c)historian
(d)All of the above

Q92. Which among the following subjects is not an aim of the monetary policy of the Reserve Bank of India ?
(a)Giving impetus to economic development
(b)Direct credit with objective criteria
(c)To control pressure of inflation
(d)To ensure social justice

Q93. What apparatus is used to locate a submerged object?
(a)(I)Radar
(b)Sonar
(c)Quasar
(d)Pulsar

Q94. Smog is a combination of
(a)Air and water vapours
(b)Water and smoke
(c)Fire and water
(d)smoke and fog

Q95. In India the right to property is now recognised as
(a)a fundamental right
(b)a legal right
(c)a natural right
(d)a political right

Q96. What is the duration of membership of State Legislative Councils?
(a) 3 years
(b) 5 years
(c) 6 years
(d) 9 years

Q97. Which among the following metals provides atmospheric oxide?
(a) Sodium
(b) Silver
(c) Aluminium
(d) Calcium

Q98. Rusting of iron takes place due to
(a) oxidation
(b) carbonation
(c) exfoliation
(d) corrosion

Q99. Which one of the following is a system software ?
(a)Database programs
(b)Word processors
(c)Spreadsheets
(d)Compilers

Q100. Meanders are the features formed by
(a)glaciers
(b) rivers
(c) winds
(d) ocean waters

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