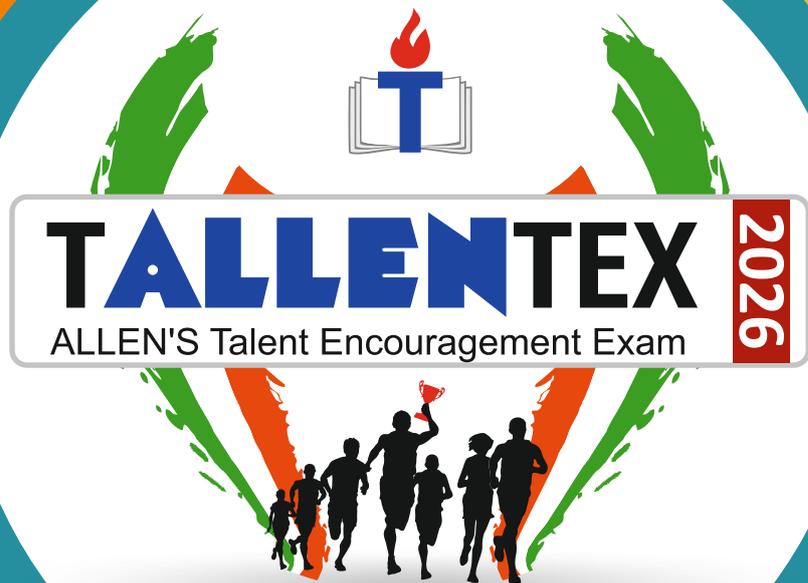


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SAMPLE TEST PAPER

CLASS V

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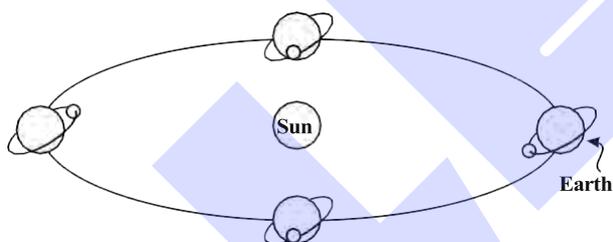
SECTION-A : PHYSICS

This section contains **11 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

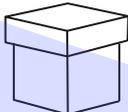
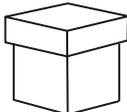
- Two teams played a game of tug-of-war. The red team and the blue team pulled in opposite directions for a long time, but the rope did not move. What does this mean?
 - Neither team pulled very hard.
 - The red and blue team pulled with equal force.
 - The red team pulled harder than the blue team.
 - The blue team pulled harder than the red team.

- Choose the incorrect statement :
 - Earthquakes occur because of deforestation.
 - Molten rocks coming out of a volcano are called lava.
 - In case of a natural disaster, very often transport, electricity, water supply and other facilities of affected areas are destroyed.
 - Events which cause damage to property and human life are called calamities.

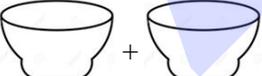
- What does the following figure shows?



- Earth and Sun are revolving around moon.
- Sun is revolving around Earth and Moon is revolving around Sun.
- Earth is revolving around Sun and Moon is revolving around Earth.
- Earth is revolving around Sun and Sun is revolving around Moon.

- The capacity of the  is _____, if  = ,



and  = 3 ml

- 18 ml
 - 30 ml
 - 22 ml
 - 16 ml
- The outermost part of the earth is called
 - Crust
 - Mantle
 - Core
 - None of these
 - Music player converts __ energy to _____ energy.
 - electrical, sound
 - sound, electrical
 - electrical, light
 - light, electrical
 - 2 hours = _____ minutes.
 - 3
 - 180
 - 60
 - 120

8. Earth is round like a football, but we do not fall off due to
- (1) gravitational force
 - (2) rotation of earth
 - (3) revolution of earth
 - (4) all of these

9. Estimate the unit of following objects.

A sundae : 250 _____ 	A hammer : 2 _____ 	A boy : 20 _____ 
(A)	(B)	(C)

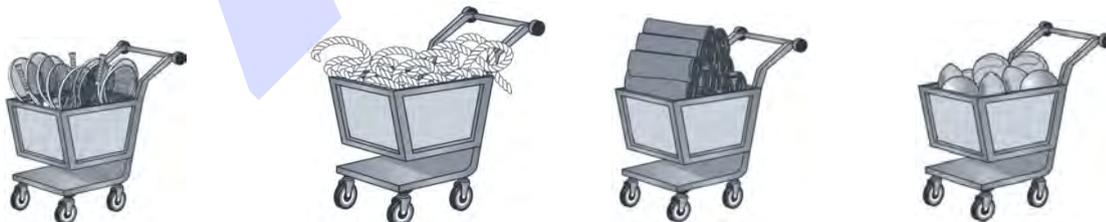
- | | | |
|--|--|--|
| <p>(A)</p> <ul style="list-style-type: none"> (1) g (2) g (3) kg (4) kg | <p>(B)</p> <ul style="list-style-type: none"> g kg g kg | <p>(C)</p> <ul style="list-style-type: none"> g kg kg g |
|--|--|--|

10. When tectonic plates collide, molten rock from beneath Earth's crust is sometimes forced up through the surface. When this occurs, it is called



- (1) a flood
- (2) an earthquake
- (3) a rift
- (4) a volcano

11. Arrange the following masses from lightest to heaviest.

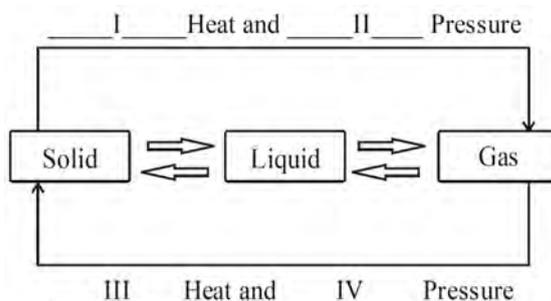


- | | | | |
|--|--|---|--|
| 12 tennis rackets
$m = 10 \text{ kg}$
A | 28 pieces of rope
$m = 25 \text{ kg}$
B | 18 exercise mats
$m = 20 \text{ kg}$
C | 15 sports balls
$m = 15 \text{ kg}$
D |
| (1) $A > B > C > D$ | (2) $D > C > B > A$ | (3) $D > B > C > A$ | (4) $A < D < C < B$ |

SECTION-B : CHEMISTRY

This section contains **11 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

12. What are I, II, III and IV in the given flow chart?



	I	II	III	IV
(1)	Increase	Increase	Decrease	Decrease
(2)	Decrease	Decrease	Increase	Increase
(3)	Increase	Decrease	Decrease	Increase
(4)	Decrease	Increase	Decrease	Increase

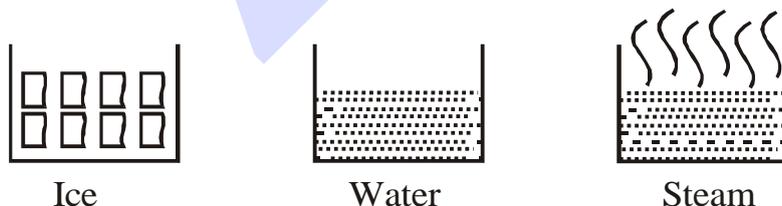
13. Sumita took an unknown substance into a glass. The substance took the shape of the glass. Later she transferred the substance into a bowl. The substance took the shape of the bowl but its volume remained the same. What is the state of this substance?

- (1) Solid (2) Gas
(3) Liquid (4) None of these

14. Which of the following statements is not true?

- (1) Water should be conserved for future use.
(2) Water should be treated before disposal.
(3) Water animals are safe and remain unaffected by the pollution as they live under water.
(4) Contaminated water can also cause various diseases.

15. Study the following figure and answer.



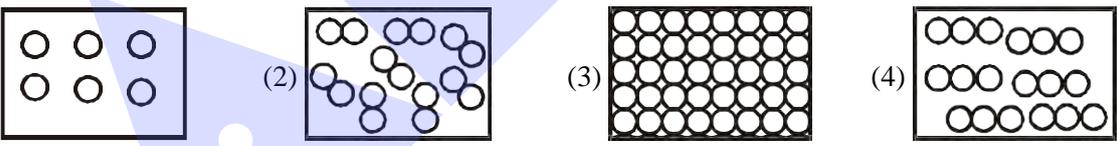
The ice present in first beaker becomes water upon

- (1) cooling (2) heating
(3) evaporation (4) condensation

16. Read the given table carefully :-

A		B		C	
(p)	Stone	(t)	Oil	(l)	Pencil
(q)	Paper	(u)	Milk	(m)	Oxygen
(r)	Juice	(v)	Air	(n)	Steam
(s)	Rubber	(w)	Honey	(o)	Nitrogen

In given table, materials of group A have maximum intermolecular forces of attraction between their particles, whereas materials of group B have less intermolecular forces of attraction than materials of group A and materials of group C have negligible intermolecular forces of attraction. Which of the following materials are grouped incorrectly in groups A, B and C respectively ?

- (1) q,v,o (2) r,v, l
 (3) r, u, n (4) p, u, n
17. A _ has a neither definite _____ nor _____ shape
 (1) Solid, Volume, definite (2) Gas, Volume, definite
 (3) Liquid, Volume, definite (4) None of these
18. Minerals are chemical substances that occur in nature. They form due to natural processes within the Earth. They may be simple substances or very complex ones. Minerals are of two types - Metallic or non-metallic. Find the metallic mineral from the following.
 (1) Quartz (2) Mica
 (3) Gold (4) Feldspar
19. Which of the following shows the arrangement of particles of solids?

20. Lava cools to form
 (1) igneous rocks (2) sedimentary rocks
 (3) metamorphic rocks (4) sandstones
21. Droplets of water (rain, snow, sleet, or hail) fall to the Earth's surface. This is called-
 (1) evaporation (2) precipitaion
 (3) condensation (4) all of these
22. 'X' is a type of soil, which is a mixture of clay, silt, sand and humus. This holds water well and has many nutrients. Most plants grow well in this soil. Identify 'X'.
 (1) Clay (2) Sandy
 (3) Loam (4) Subsoil

SECTION-C : BIOLOGY

This section contains **11 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

23. Which of the following is essential for photosynthesis ?
 (1) Sunlight (2) Chlorophyll (3) Oxygen (4) Both (1) and (2)
24. Which of the following flower would bloom only at night?
 (1) Brahma kamal (2) Lily (3) *Hibiscus* (4) Both (1) and (2)
25. Archit compared three animals and recorded his observation in the table given below.

X	Y	Z
Has two hollow teeth.	Sharp sense of hearing.	Have fur on the body.

What can animals X, Y and Z be ?

	X	Y	Z
(1)	Tiger	Squirrel	Mountain goat
(2)	Tiger	Snake	Mountain goat
(3)	Snake	Tiger	Mountain goat
(4)	Squirrel	Tiger	Mountain goat

- (1) 1 (2) 2 (3) 3 (4) 4
26. Which of the following diagram best represents an exchange of gases between plants and animals ?



27. Read the given information about the human digestive system.
 Structure 'X' is a cavity present inside mouth that receives a secretion 'Y'. 'Y' helps in the digestion of starch. Incompletely digested food is then swallowed and goes into structure 'Z' through food pipe. Structure 'Z' secretes a digestive juice that is 'W' in nature.

Identify X, Y, Z and W -

- (1) X - Oral cavity, Y - Stomach, Z - Saliva, W - acidic
 (2) X - Stomach, Y - Saliva, Z - Mouth, W - acidic
 (3) X - Oral cavity, Y - Saliva, Z - Stomach, W - acidic
 (4) X - Oral cavity, Y - Saliva, Z - Stomach, W - alkaline
28. After coming back from school, Rohit was feeling very hungry. He ate the food without washing his hands. After some time, he experienced vomiting and loose motions that resulted in water loss from his body. What should be given to him in order to prevent dehydration?
- (1) Solution of sugar only.
 (2) Solution of salt only.
 (3) Solution of sugar and salt.
 (4) He should take rest only.

29. A healthy diet needs a balance of many things. Fruits, vegetables and table salt are all good sources of
- | | |
|--------------|------------------|
| (1) Minerals | (2) Carbohydrate |
| (3) Water | (4) Proteins |

30. Find out the incorrect statements.

P - Snakes can feel the vibrations on the ground.

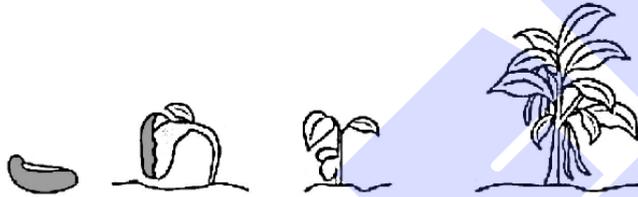
Q - The ears of the tiger can move in different direction which helps them to receive the sound from the surroundings.

R - Male silk worm can find female worm by her smell.

S - Elephant has big ears which help them to keep their body warm.

- | | |
|-------------|-------------|
| (1) P and Q | (2) Q and R |
| (3) R only | (4) S only |

31. The picture below shows germination in bean plant. The leaf produced would help the plant by -



- | |
|---|
| (1) absorbing water from the air for nourishment. |
| (2) using sunlight for food production. |
| (3) absorbing minerals from the soil. |
| (4) supporting the plant as it grows taller. |

32. Tongue is the part of human digestive system. It helps us to taste the different flavours of the food. Some of the statements are given below regarding it.

Statement - 1 : Taste buds for different flavours are evenly spread on the tongue.

Statement - 2 : Taste buds for sweet flavour are mostly found on the tip of the tongue.

Statement - 3 : Taste buds for salt flavour are mostly found on the back side of the tongue.

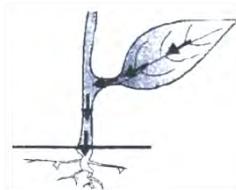
Statement - 4 : No taste buds are found on the side of the tongue.

Statement - 5 : We can taste the sour flavour by the taste buds mostly present on the sides of the tongue.

Which of the following option contains incorrect set of statements?

- | | |
|--------------------------|----------------------------------|
| (1) Statement 1, 2 and 4 | (2) Statement 1, 3 and 4 |
| (3) Statement 2 and 5 | (4) All statements are incorrect |

33. Given below is an image of plant depicting one of the life process in plants.



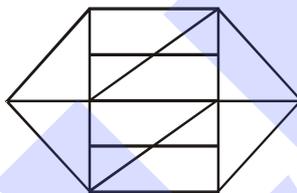
The arrows in the diagram show the path taken by the -

- | | |
|--------------|--------------|
| (1) food | (2) water |
| (3) sunlight | (4) Minerals |

SECTION-D : MATHEMATICS

This section contains **25 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

34. A cuboidal box has _____ corner points.
 (1) 10 (2) 6 (3) 12 (4) 8
35. Richa purchased four different sizes of teddy. Length of the smallest teddy is 15 cm. Each is 2 cm longer than the other. Find the difference of length between the largest and the smallest teddy.
 (1) 1 cm (2) 13 cm (3) 6 cm (4) 15 cm
36. Which one of the following figure represents the line segment LM?
 (1)  (2)  (3)  (4) 
37. Population of India in 2013 was 1274239769. The sum of the place value and the face value of ten millions digits of the 10-digit number given above is
 (1) 200000002 (2) 70000007 (3) 4000004 (4) 100000000
38. Count the number of slanting lines in the given figure.

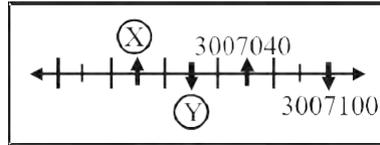


- (1) 1 (2) 2 (3) 6 (4) 10
39. If 3 is a factor of the 7-digit number 258*970, then the place value of missing digit (*) cannot be
 (1) 8000 (2) 5000 (3) 4000 (4) 2000
40. If 54 is the 3rd common multiple of 6 and , then the smallest possible number for  is
 (1) 12 (2) 9 (3) 3 (4) 18
41. M is the largest number which when rounded off to the nearest hundreds gives 74500. N is the smallest number which when rounded off to the nearest thousands gives 350000. What is the sum of M and N?
 (1) 402049 (2) 424500
 (3) 424049 (4) None of these
42. In the following, find the number of angles which are greater than right angle.



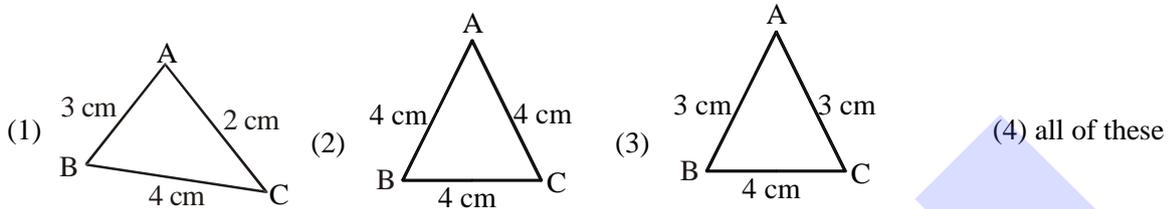
- (1) 4 (2) 5 (3) 8 (4) 11
43. Which number matches the word name. "Ten lakh six hundred Sixty one" ?
 (1) 10661 (2) 1000661 (3) 100661 (4) 10000661
44. 20.600 gm + _____ gm = 41 gm
 (1) 20.400 (2) 20 (3) 12.400 (4) 20400

45. Observe the number line given, what is the difference between X and Y.



- (1) 4060 (2) 400 (3) 4040 (4) 40

46. Identify the scalene triangle from the following.



47. The numbers which are not multiples of 2 are called _____ numbers.

- (1) even (2) odd (3) prime (4) composite

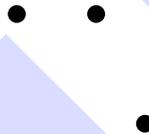
48. Find the greatest number which will divide the greatest 4-digit number and the greatest 5-digit number exactly.

- (1) 9 (2) 15 (3) 14 (4) 2

49. HCF of 6 and 12 is

- (1) 6 (2) 12 (3) 18 (4) 3

50. What shape will you get, if you connect the given dots with each other by straight lines?



- (1) Square (2) Circle (3) Triangle (4) Rectangle

51. Perimeter of a triangle is the sum of the lengths of all the _____ sides.

- (1) 10 (2) 1 (3) 3 (4) 8

52. Some Roman numerals are given in the box, **IC L M D**. Which of the following is the number that can be written using only all the given Roman numerals?

- (1) 1775 (2) 864 (3) 1947 (4) 1651

53. Each side of a square field measures 85 m. The perimeter of the square field is

- (1) 320 m (2) 340 m (3) 350 m (4) 360 m

54. A shopkeeper has 87 kg 520 gm rice. He sold 62 kg 470 gm to one customer. How much is left with the shopkeeper ?

- (1) 25 kg 150 gm (2) 25 kg 50 gm
(3) 25 kg 500 gm (4) 20 kg 50 gm

55. A student is studying from a book in the shape of a cuboid. He wants to count the number of edges of the book, then number of edges in the book are _____.

- (1) 4 (2) 8 (3) 10 (4) 12

56. The angle we can see in the english alphabet H is _

- (1) Acute angle (2) Obtuse angle
(3) Right angle (4) None of these

57. An obtuse angle lies between _____

- (1) 0° and 90° (2) 90° and 180°
(3) 45° and 90° (4) 180° and 360°

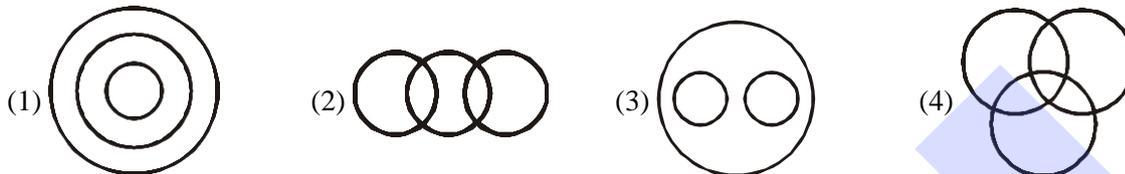
58. If the area of the floor of room is 60 sq. metre and the length of the room is 8 m, find its breadth.

- (1) 5.7 m (2) 7.5 m (3) 8.5 m (4) 5.8 m

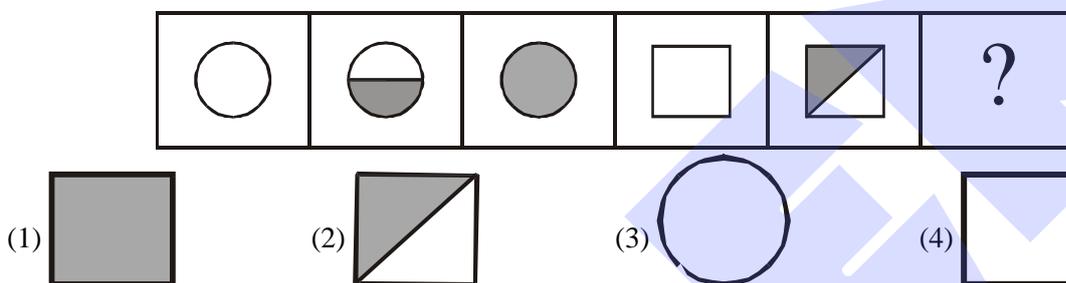
SECTION-E : MENTAL ABILITY

This section contains **22 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

59. Rachel is 16th from the left end in a row of 50 girls. What is her position from the right end?
 (1) 30th (2) 33rd (3) 34th (4) 35th
60. Which of the following diagram indicates the best relation between Musical instrument, Guitar, Flute?



61. Look at the pattern carefully and complete the series.



62. In a certain code 'LIMCA' is written as OLPFD. How is 'PAIN' written in that code ?
 (1) SDLQ (2) SLDQ
 (3) RBLP (4) RDLQ
63. How many such 2's are in the following number sequence each of which is immediately followed by 4?
 3 1 2 4 5 1 2 3 1 4 1 3 5 6 7 8 1 3 9
 (1) 1 (2) 2 (3) 3 (4) 0
64. Raman left his home and walked 15 km towards east. He then turn left and walk 10 km, again turn left and walk 20 km, finally turn left and walk 10 km.
 In which direction is Raman facing now?
 (1) East (2) West (3) North (4) South
65. Select the combination of numbers so that the letters accordingly will form a meaningful word.
 G U P N E I N
 1 2 3 4 5 6 7
 (1) 3, 5, 4, 2, 1, 6, 7 (2) 3, 5, 4, 1, 2, 6, 7
 (3) 3, 5, 6, 7, 4, 2, 1 (4) 7, 6, 5, 3, 4, 2, 1
66. Shazam starts walking in South to his house and walks 10 m. Now he took a left turn and walks 3 m and after that he took another right turn and walks 5 m. In which direction he is walking now?
 (1) West (2) South (3) North (4) East
67. Which word can be formed from the given letters?
 E P Q R A Y C D H P K
 (1) ROCKET (2) KEPT (3) POCKET (4) HAPPY

74. In the following question, select the odd number from the given alternatives

- (1) 30 (2) 40 (3) 51 (4) 10

75. Find the water image of the given word.

CHESS

- (1) CHE22 (2) CHΞ22 (3) 22EHϞ (4) ϞHESS

76. In the following question, select the odd word from the given alternatives.

- (1) CD (2) PQ (3) SU (4) VW

77. In the following question find the mirror image.

PSK8478

- (1) 8748K29 (2) 8748K29 (3) 8748K29 (4) None of these

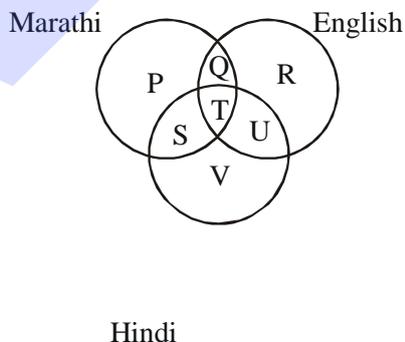
78. Find the water image of following given figure.



79. Choose the odd one out:

- (1) Ladyfinger (2) Potato (3) Brinjal (4) Banana

80. Study the diagram and identify the people who can speak only Hindi?



- (1) Q (2) S (3) V (4) U

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	2	1	3	2	1	1	4	1	2	2	4	3	3	3	2
Que.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	2	2	3	3	1	2	3	4	1	3	3	3	3	1	4
Que.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Ans.	2	2	1	4	3	4	1	3	3	2	3	4	2	1	4
Que.	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Ans.	1	2	1	2	3	3	4	2	2	4	3	2	2	4	3
Que.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Ans.	1	1	1	4	2	2	4	2	3	3	2	3	4	3	1
Que.	76	77	78	79	80										
Ans.	3	2	4	4	3										