FIITJEE Admission Test

for students presently in **Class 5 (Paper 1)**

Time: 3 Hours (9:00 am – 12:00 pm)　**CODE: 56-1**　*Maximum Marks: 240*

Instructions:

Caution: Class, Paper, Code as given above MUST be correctly marked on the answer OMR sheet before attempting the paper. Wrong Class, Paper or Code will give wrong results.

1. **You are advised to devote 35 Minutes on Section-I, 35 Minutes on Section-II, 50 Minutes on Section-III, 30 Minutes on Section-IV and 30 Minutes on Section-V.**

2. **This Question paper consists of 5 sections. Marking scheme is given in table below:**

Section	Subject		Question no.	Marking Scheme for each question	
				Correct answer	**Wrong answer**
SECTION – I	APTITUDE TEST		1 to 12	**+3**	**0**
			13 to 18	**+4**	**0**
SECTION – II	PHYSICS	(PART-A)	19 to 22	**+2**	**0**
	CHEMISTRY	(PART-B)	23 to 26	**+2**	**0**
	MATHEMATICS	(PART-C)	27 to 31	**+2**	**0**
	BIOLOGY	(PART-D)	32 to 36	**+2**	**0**
SECTION – III	PHYSICS	(PART-A)	37 to 48	**+1.5**	**0**
	CHEMISTRY	(PART-B)	49 to 60	**+1.5**	**0**
	MATHEMATICS	(PART-C)	61 to 72	**+1.5**	**0**
	BIOLOGY	(PART-D)	73 to 84	**+1.5**	**0**
SECTION – IV	PHYSICS	(PART-A)	85 to 88	**+3**	**0**
	CHEMISTRY	(PART-B)	89 to 92	**+3**	**0**
	BIOLOGY	(PART-C)	93 to 96	**+3**	**0**
SECTION – V	MATHEMATICS	(PART-A)	97 to 102	**+3**	**0**
	MATHEMATICS	(PART-B)	103 to 108	**+3**	**0**

3. Answers have to be marked on the OMR sheet. The Question Paper contains blank spaces for your rough work. No additional sheets will be provided for rough work.

4. Blank papers, clip boards, log tables, slide rule, calculator, cellular phones, pagers and electronic devices, in any form, are not allowed.

5. **Before attempting paper write your OMR Answer Sheet No., Registration Number, Name** and **Test Centre** in the space provided below.

6. **See method of marking of bubbles at the back of cover page for question no. 103 to 108.**

Note: *Please check this Question Paper contains all **108** questions in serial order. If not so, exchange for the correct Question Paper.*

OMR Answer Sheet No. **:** _____

Registration Number **:** _____

Name of the Candidate **:** _____

Test Centre **:** _____

For questions **103 to 108**

Numerical based questions single digit answer 0 to 9

Example 1:

If answer is 6.

Correct method:

ⓞ ① ② ③ ④ ⑤ ● ⑦ ⑧ ⑨

Example 2:

If answer is 2.

Correct method:

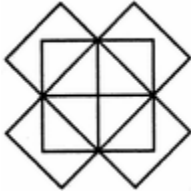ⓞ ① ● ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

Recommended Time: 35 Minutes for Section – I

Section – I

APTITUDE TEST

*This section contains **18 Multiple Choice Questions** number **1 to 18**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

1. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?
   (A) Friday (B) Sunday
   (C) Wednesday (D) Saturday

2. Count the number of rectangles in the given figure.

   (A) 20 (B) 18 (C) 16 (D) 15

3. Choose the alternative which is closely resembles the water-image of the given combination.

   (A) 1 (B) 2 (C) 3 (D) 4

4. Choose the alternative which is closely resembles the mirror image of the given combination.

   (A) 1 (B) 2 (C) 3 (D) 4

Space for Rough Work
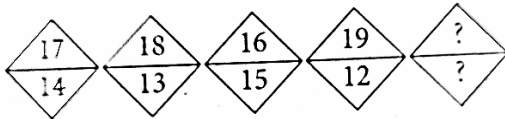
5. Find the next term in the series.
   16, 17, 21, 30, 46, 71, ?
   (A) 99   (B) 107   (C) 112   (D) 126

6. Find the next term in the series.
   4, 23, 122, 621, ?
   (A) 960   (B) 1728   (C) 3120   (D) 2870

7. In a certain code, the word SYSTEM is coded as ZEXXHO then how do we code the word FLOWER?
   (A) MRTAHT   (B) LQSAGR   (C) OQTZHS   (D) LQSZHT

8. A man starts walking from a point and walks 12 kms towards North. He, turns 90° left and walks a distance and stopped. If the distance between initial point and final positions is 13 kms, how much distance he travelled after turning from the North?
   (A) 1 km   (B) 5 km   (C) 7 km   (D) 2 km

9. In a certain code language, the word **AMASSED** is written as **JUHYXIG**. How will the word **KNOBBLY** be written in that language ?
   (A) TVVHGPB   (B) SUTGFOA   (C) TTUVPQC   (D) TVUHHOB

10. In a certain code language **IMPLICIT** is written as **LRWUTPXK**. How will the word **NEWSCAST** be written in that language ?
    (A) LSAZAITMI   (B) LSAAZITIM   (C) LSASIZTIM   (D) None of these

11. Figures given in question follows a set pattern. Determine the pattern and find the correct answer:
    5, 14, 43, 128, ?
    (A) 382   (B) 384   (C) 385   (D) 386

12. In a certain code GARNISH is written as RAGHSIN. How will GENIOUS be written in that code?
    (A) ENGOIUS   (B) NEGIOUS   (C) NGEOISU   (D) GENOISU

13. If H = 8 and HAT = 29, then how BOX = ?
    (A) 46   (B) 43   (C) 42   (D) 41

14. Rana left home and walked 5 km southwards, turned right, then walked 2 km and turned right, then walked 5 km, again turned left, then walked 5 km. How many kilometres will she have to walk to reach her home straight?
    (A) 5   (B) 7   (C) 17   (D) 15

Space for Rough Work

Directions(Q 15 to Q17): Amit is son of Rahul. Sarika, Rahul's sister has a son Sonu and a daughter Rita. Raja is the maternal uncle of sonu.

15. How is Raja related to Amit?
(A) Nephew   (B) Uncle   (C) Cousin (brother)   (D) None of these

16. How is Rita related to Raja?
(A) Sister   (B) Daughter   (C) Niece   (D) None of these

17. How many nephew does Raja have?
(A) 1   (B) 2   (C) 3   (D) 0

18. Select from the answer choices given against each question an appropriate number to replace the question mark.

(A) $\dfrac{20}{13}$ (B) $\dfrac{21}{25}$ (C) $\dfrac{15}{16}$ (D) $\dfrac{17}{18}$

Space for Rough Work

Recommended Time: 35 Minutes for Section – II

Section – II

PHYSICS – (PART – A)

*This part contains **4 Multiple Choice Questions** number **19 to 22**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

19.   The time required by moonlight to reach the earth is _____
        (A) 1 sec   (B) 1.3 sec
        (C) 2 sec   (D) 2.3 sec

20.   In order of their distances from the Sun, which of the following planets lie between Mars and Uranus?
        (A) Earth and Jupiter   (B) Jupiter and Saturn
        (C) Saturn and Earth   (D) Saturn and Neptune

21.   Which of the following is not a function of a machine?
        (A) To make our work convenient
        (B) To enable us lift more load with less force
        (C) To enable us make the measurement correctly
        (D) To make our work faster

22. $1A^0$ is equal to
        (A) $10^{-10}\,m$ (B) $10^{-9}\,m$
        (C) $10^{-3}\,m$ (D) $10^{-2}\,m$

Space for Rough Work

CHEMISTRY – (PART – B)

*This part contains **4 Multiple Choice Questions** number **23 to 26**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

23.   Which of the following substance is able to sublime?
        (A) Carbon dioxide   (B) Salt
        (C) Water   (D) Air

24.   Which of the following is NOT a metamorphic rock?
        (A) Marble   (B) Sandstone
        (C) Quartzite   (D) Slate

25.   The full form of LPG is:
        (A) Low quality paraffin gas   (B) Liquefied petroleum gas
        (C) Low quality petroleum gas   (D) Liquefied paraffin gas

26.   Which one of the following statements is correct about wind?
        (A) Wind is produced due to uneven heating on the earth by the sun
        (B) Wind is produced due to even heating on the earth by the sun
        (C) Sun does not effect wind on earth
        (D) Both (A) and (B)

Space for Rough Work

MATHEMATICS – (PART – C)

*This part contains **5 Multiple Choice Questions** number **27 to 31**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

27. If Ramya types 180 words in 4 minutes, how many words will she type in 9 minutes?
    (A) 405   (B) 450   (C) 80   (D) 360

28. Two equal sides of a triangle are each 8 m less than twice the third side. If perimeter of triangle is 59 m. Find third side.
    (A) 22 m   (B) 15 m   (C) 30 m   (D) 8 m

29. The value of - 84 × 13 + 365 is equal to
    (A) 627   (B) -727   (C) -627   (D) 727

30. If $\frac{2}{5}$ of 50% of x is 10, then find x.
    (A) 100   (B) 50   (C) 25   (D) 80

31. The average of the sum of the squares of the first five natural number is
    (A) 10   (B) 11   (C) 12   (D) 9

Space for Rough Work

BIOLOGY – (PART – D)

*This part contains **5 Multiple Choice Questions** number **32 to 36**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

32. When you see your grandparents are not able to walk properly due to weak bones, what would you suggest them to include in their diet?
    (A) Minerals
    (B) Proteins
    (C) Carbohydrates
    (D) Lipids

33. Aerial animals are animals which spend most of their time
    (A) in water
    (B) in air
    (C) on land
    (D) underground

34. The feet of frogs and ducks are webbed. This adaptation helps them in
    (A) holding branches tightly
    (B) swimming in water
    (C) flying in the air
    (D) grabbing and eating insets

35. Identify the name of an insectivorous plant.
    (A) Zenia
    (B) Cactus
    (C) Money plant
    (D) Pitcher plant

36. Deficiency of which of the following causes anemia?
    (A) Iron
    (B) Calcium
    (C) Iodine
    (D) Sodium

Space for Rough Work

Recommended Time: 50 Minutes for Section – III

Section – III

PHYSICS – (PART – A)

*This part contains **12 Multiple Choice Questions** number **37 to 48**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

37. Which of the following celestial bodies bear, 'The Sea of Tranquility' and 'The Ocean of Storms' ?
    (A) Mars   (B) Venus
    (C) Moon   (D) Sun

38. Comets moves around the
    (A) Earth   (B) Venus
    (C) Sun   (D) Jupiter

39. Work done:
    (A) is always positive   (B) is always negative
    (C) can be positive, negative or zero   (D) none of these

40. Hand span is the distance between the tip of the ….. and the ……. of a fully stretched hand
    (A) first finger, little finger   (B) thumb, middle finger
    (C) thumb, little finger   (D) middle finger, little finer

41. 1mm is equal to
    (A) 1/10 m   (B) 1/100 m
    (C) 1/1000 m   (D) /10000 m

42. A group of stars that form a beautiful pattern is known as…..
    (A) Constellation   (B) asteroids
    (C) meteors   (D) comets

43. Out of following which one is Jovian planet?
    (A) Mercury   (B) Jupiter
    (C) Earth   (D) Venus

Space for Rough Work

44. Which of the following is an example of a wedge?
   (A) Knife   (B) screw
   (C) stapler   (D) nutcracker

45. To measure the mass of a pack of gum, which one is the most reasonable unit
   (A) milligram   (B) gram
   (C) kilogram   (D) all are correct

46. Nuclear energy is generated because of
   (A) Joining of nuclei   (B) Breaking of nuclei
   (C) Both joining and breaking of nuclei   (D) None of the above

47. When the car is moving we can say it possess
   (A) Potential energy   (B) Heat energy
   (C) Kinetic energy   (D) Electrical energy

48. A particle is projected vertically upward with kinetic energy 150 J, its potential energy at highest point will be, ignoring air resistance
   (A) less than 150 J   (B) greater than 150 J
   (C) equal to 150 J   (D) none of these

Space for Rough Work

CHEMISTRY – (PART – B)

*This part contains **12 Multiple Choice Questions** number **49 to 60**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

49. Earthquakes are measured on
    (A) Ruler   (B) Barometer
    (C) Richter scale   (D) All of these

50. Sandstone is an example of
    (A) Non-foliated rock   (B) Sedimentary rock
    (C) Igneous rock   (D) Metamorphic rock

51. For electrical equipment, which is the natural resource?
    (A) Copper   (B) Gold
    (C) Bauxite ore   (D) None of these

52. Solid $\rightarrow$ Liquid: Melting:: …………….:Freezing
    (A) Gas $\rightarrow$ Liquid   (B) Liquid $\rightarrow$ Gas
    (C) Solid $\rightarrow$ Gas   (D) Liquid $\rightarrow$ Solid

53. Rocks that contain fossils are called
    (A) metamorphic rocks   (B) igneous rocks
    (C) core   (D) sedimentary rocks

54. The Gondwana rock system is famous for which mineral?
    (A) Coal   (B) Limestone
    (C) Copper   (D) Diamond

Space for Rough Work

55. For jewellery, which is the natural resource?
(A) Copper
(B) Gold
(C) Bauxite ore
(D) None of these

56. Which one of the following are causes of drought?
(A) Less rainfall
(B) High temperature
(C) Dry winds
(D) All of these

57. Which source of energy can be replenished quickly?
(A) Renewable
(B) Non-renewable
(C) none of these
(D) can't say

58. _____is water in its gaseous form.
(A) Evaporation
(B) Water vapour
(C) Atom
(D) Condensation

59. 0 degree Celsius : Freezing point of water::_____:Boiling
(A) 110 degree Celsius
(B) 100 degree Celsius
(C) 120 degree Celsius
(D) 98 degree Celsius

60. For the Aluminium products, the natural resource is:
(A) Tree
(B) Coal
(C) Bauxite ore
(D) None of these

Space for Rough Work

MATHEMATICS – (PART – C)

*This part contains **12 Multiple Choice Questions** number **61 to 72**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

61.   How many lines can pass through any three collinear points?
        (A) 0   (B) 1
        (C) 2   (D) infinite

62.   Which of the following numbers is divisible by 8?
        (A) 87653234   (B) 78956042
        (C) 64298602   (D) 98741032

63.   Which statement is false?
        (A) 4.69 > 4.6   (B) 1061 > 10.601
        (C) 1.09 < 1.089   (D) 921.6 > 92.1601

64.   A tetrahedron is a pyramid whose base is a
        (A) triangle   (B) square
        (C) rectangle   (D) quadrilateral

65.   If two lines do not meet or intersect they are said to be _____.
        (A) parallel   (B) perpendicular
        (C) intersecting   (D) None of these

66.   Distance all round a shape is called
        (A) Area   (B) Perimeter
        (C) Volume   (D) None of these

Space for Rough Work

67. If $121 \times 169 = 143 \times x$ then x is
    (A) 143   (B) 121   (C) 13   (D) 11

68. Rs 2000 is lent out at 2% per annum for 10 years under simple interest. Calculate the amount (in Rs).
    (A) 1400   (B) 2400   (C) 200   (D) 1500

69. If the cost price of an article is Rs.12 and the selling price of the article is Rs 15. Find the profit percentage.
    (A) 25%   (B) 50%   (C) 75%   (D) 10%

70. Amit scored 50, 60, 45, 80 and 75 marks in five different subject. The maximum marks in each subject is 100. Find his average percentage of marks.
    (A) 60%   (B) 63%   (C) 62%   (D) 65%

71. $\dfrac{12}{13} \div 0 = ?$
    (A) $\dfrac{12}{13}$ (B) 0   (C) Does not exist   (D) None of these

72. What do you call the triangle whose two of its angles are 40º and 70º ?
    (A) Scalene   (B) Obtuse   (C) Isosceles   (D) Equilateral

Space for Rough Work

BIOLOGY – (PART – D)

*This part contains **12 Multiple Choice Questions** number **73 to 84**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

73. The hard-protective covering of brain is called
    (A) Sternum
    (B) Cranium
    (C) Ribs
    (D) Vertebral column

74. The main unit of Nervous system is
    (A) Neurons
    (B) Bones
    (C) Cartilage
    (D) Platelets

75. A boy wants to build his muscles to look fit and smart. His diet should be rich in which of the following nutrients?
    (A) Proteins
    (B) Vitamins
    (C) Carbohydrates
    (D) Fats

76. Match Column I with Column II
    Column I   **Column II**
    P. Bulb   (i) Potato
    Q. Tuber   (ii) Sweet Potato
    R. Leaf   (iii) Bryophyllum
    S. Root   (iv) Onion
    (A) P – (iv); Q – (i); R – (iii); S – (ii)
    (B) P – (iii); Q – (ii); R – (iv); S – (i)
    (C) P – (ii); Q – (iii); R – (i); S – (iv)
    (D) P – (i); Q – (iii); R – (iv); S – (ii)

77. Potato and ginger are underground
    (A) root
    (B) leaf
    (C) stem
    (D) none of these

78. Which joint allows movement in several directions?
    (A) ball and socket
    (B) Hinge
    (C) pivot
    (D) sliding

Space for Rough Work

79. Deer eats only plant products and so is called
    (A) Herbivore   (B) Omnivore
    (C) Carnivore   (D) Decomposer

80. Which of the following animals has its body covered by a hard shell?
    (A) Snake   (B) Earthworm
    (C) Fish   (D) Snail

81. The nature of digestive juice in the stomach is
    (A) Acidic   (B) Basic
    (C) Neutral   (D) All

82. Nonessential parts of flowers are:
    (A) Sepals and petals   (B) Sepals and carpels
    (C) Sepals and gynoecium   (D) Androecium and gynoecium

83. The process by which seed grows into a new plant is called:
    (A) germination   (B) photosynthesis
    (C) respiration   (D) circulation

84. What is the name of the substance that gives skin and hair its pigment?
    (A) Cerebrum   (B) Iris
    (C) Melanin   (D) Quadriceps

Space for Rough Work

Recommended Time: 30 Minutes for Section – IV

Section – IV

PHYSICS – (PART – A)

*This part contains **4 Multiple Choice Questions** number **85 to 88.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

85. Asteroids have their orbits between the planets
    (A) Mercury and Venus
    (B) Earth and Mars
    (C) Mars and Jupiter
    (D) Jupiter and Saturn

86. The light coming from stars gives the idea of their
    (A) Size
    (B) Rotational speed
    (C) Mass
    (D) Temperature

87. The forces generated by a machine are
    (A) magnetic force
    (B) mechanical force
    (C) gravitational force
    (D) electrostatic force

88. The door knob of the house is an example of:
    (A) lever
    (B) inclined plane
    (C) wedge
    (D) wheel and axle arrangement

Space for Rough Work

CHEMISTRY – (PART – B)

This part contains *4 Multiple Choice Questions* number *89 to 92*. Each question has 4 choices (A), (B), (C) and (D), out of which *ONLY ONE* is correct.

89. The central highlands of the Indian peninsula are composed of_____
    (A) from sedimentary and metamorphic rocks
    (B) Igneous and sedimentary rocks
    (C) from igneous and metamorphic rocks
    (D) from sedimentary rocks

90. Pick the odd one out.
    (A) Love   (B) Smell
    (C) Almonds   (D) Thoughts

91. The upper layer of the earth is made of
    (A) Core   (B) Tectonic plates
    (C) Magma   (D) Fire

92. People studying earthquakes are called:
    (A) Seismologists   (B) Doctors
    (C) Astrologers   (D) All of these

Space for Rough Work

BIOLOGY – (PART – C)

This part contains *4 Multiple Choice Questions* number *93 to 96.* Each question has 4 choices (A), (B), (C) and (D), out of which *ONLY ONE* is correct.

93. Beri beri is caused due to the deficiency of
    (A) Vitamin A   (B) Vitamin B
    (C) Vitamin C   (D) Vitamin D

94. The bird which has eyes in the front of its head is
    (A) Owl   (B) Sparrow
    (C) Eagle   (D) Hen

95. Which of the following is a part of the human ribcage?
    (A) humerus   (B) sternum
    (C) femur   (D) thigh bone

96. Which of the following parts appears first in a plant?
    (A) root   (B) leaves
    (C) shoot   (D) all of these

Space for Rough Work

Recommended Time: 30 Minutes for Section – V

Section – V

MATHEMATICS – (PART – A)

*This part contains **6 Multiple Choice Questions** number **97 to 102**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

97. The least number divisible by each of the number 15, 20, 24, 32 and 36 is
(A) 1460   (B) 1440   (C) 1480   (D) 1420

98. A machine prints 1500 news papers in 45 min. How many papers will be printed in 2 hrs?
(A) 3000   (B) 4000
(C) 2000   (D) 1000

99. If $\angle A$ of a $\triangle ABC$ measure 56°, $\angle C = 3\angle B$, find the measure of $\angle B$.
(A) 62°   (B) 31°   (C) 93°   (D) 56°

100. The product of three numbers is 29500, if two of the three numbers are 25 and 59 then the third number is
(A) 15   (B) 18   (C) 22   (D) 20

101. The L.C.M. of 12, 24 and 36 is
(A) 24   (B) 36   (C) 108   (D) 72

102. Anand saves 55% of his income. If his income is Rs. 11000, then find his expenditure (in Rs).
(A) 6050   (B) 7450   (C) 4950   (D) 3350

Space for Rough Work

MATHEMATICS – (PART – B)

*This part contains **6 Numerical Based Questions** number **103 to 108**. Each question has **Single Digit Answer 0 to 9**.*

103. A trader has a stock of $4\dfrac{3}{4}$ tonne wheat. If he would like to fill it in bags such that each bag contains 50 kg, if number of bags is k then $\dfrac{k}{19}$ is

104. Two supplementary angles differ by 44°, if the greater angle is x⁰ then $\dfrac{x}{16}$ is

105. A person crosses a 1200 m long street in 10 minutes if speed is k(km/hr) then $\dfrac{k}{1.2} = ?$

106. $2\dfrac{1}{3} + 3\dfrac{1}{2} + 2\dfrac{1}{6} = ?$

107. If $\dfrac{4}{5}$ of a number exceeds its $\dfrac{2}{3}$ by 8, If the number is n then $\dfrac{n}{12}$ is

108. $\dfrac{0.1 \times 0.2 \times 0.3}{0.0015} = ?$

Space for Rough Work

FIITJEE Admission Test

for students presently in **Class 5 (**Paper 1)

SAMPLE PAPER ANSWER KEY

1.	**A**	2.	**A**	3.	**C**	4.	**D**
5.	**B**	6.	**C**	7.	**A**	8.	**B**
9.	**A**	10.	**D**	11.	**C**	12.	**C**
13.	**D**	14.	**B**	15.	**B**	16.	**C**
17.	**B**	18.	**C**	19.	**B**	20.	**B**
21.	**C**	22.	**A**	23.	**A**	24.	**B**
25.	**B**	26.	**A**	27.	**A**	28.	**B**
29.	**B**	30.	**B**	31.	**B**	32.	**A**
33.	**B**	34.	**B**	35.	**D**	36.	**A**
37.	**C**	38.	**C**	39.	**C**	40.	**C**
41.	**C**	42.	**A**	43.	**B**	44.	**A**
45.	**B**	46.	**C**	47.	**C**	48.	**C**
49.	**C**	50.	**B**	51.	**A**	52.	**D**
53.	**D**	54.	**A**	55.	**B**	56.	**D**
57.	**A**	58.	**B**	59.	**B**	60.	**C**
61.	**B**	62.	**D**	63.	**C**	64.	**A**
65.	**A**	66.	**B**	67.	**A**	68.	**B**
69.	**A**	70.	**C**	71.	**C**	72.	**C**
73.	**B**	74.	**A**	75.	**A**	76.	**A**
77.	**C**	78.	**A**	79.	**A**	80.	**D**
81.	**A**	82.	**A**	83.	**A**	84.	**C**
85.	**C**	86.	**D**	87.	**B**	88.	**A**
89.	**C**	90.	**C**	91.	**B**	92.	**A**
93.	**B**	94.	**A**	95.	**B**	96.	**A**
97.	**B**	98.	**B**	99.	**B**	100.	**D**
101.	**D**	102.	**C**	103.	**5**	104.	**7**
105.	**6**	106.	**8**	107.	**5**	108.	**4**