



AFCAT MODAL TEST PAPER

Time: 120 min.

M.M.:300

INSTRUCTION: Read questions carefully. For each wrong answer, one-third (1) of the marks assigned to that question will be deducted. Each question contains (3) marks. प्रश्नों को ध्यानपूर्वक पढ़िए। प्रत्येक गलत उत्तर के लिए, प्रश्न के अंक का एक-तीर (1/3) घटाया जाएगा। प्रत्येक प्रश्न (3) अंक का है।

- Black lead is also known as
(a) Diamond (b) Graphene
(c) Graphite (d) Pencil
- In India, Planning Commission was set up in year _____
(a) 1965 (b) 1955
(c) 1950 (d) 1950
- Majuli, the largest riverine Island is found in which of the following rivers?
(a) Narmada (b) Kaveri
(c) Brahmaputra (d) Godavari
- Which is the land of Morning Calm
(a) Finland (b) South Korea
(c) Japan (d) Thailand
- Scalp missile is integrated with which one of the following aircraft?
(a) Rafale (b) Mig - 21
(c) Sukhoi 30 MKI (d) Tejas
- The term 'Castle' is related to which sport?
(a) Kho-Kho (b) Football
(c) Chess (d) Kabaddi
- Chowalloor Krishnaankutty, who passed away, was associated with which field?
(a) Writer (b) Lyricist
(c) Journalist (d) All a, b & c
- Red fort was built during the reign of
(a) Akbar (b) Jehangir
(c) Shah Jahan (d) Aurangzeb
- Venkataraman Krishnamurthy passed away recently. He was the former chairman of _____
(a) SAIL (b) BHEL
(c) Maruti Udyog (d) All a, b & c
- Archery is the national game of which of the following country?
(a) Myanmar (b) Bhutan
(c) Nepal (d) Sri Lanka
- The Keibul Lamjao National Park is a national park located in which of the following states?
(a) Tripura (b) Manipur
(c) Mizoram (d) Meghalaya
- Which is the world's first man-made polymer?
(a) Nylon (b) Bakelite
(c) Polyester (d) Polyethylene
- Which among the following was not the Navratna of the Akbar's court?
(a) Abul Fazal (b) Abdur Rahim Khankhana
(c) Tansen (d) Bairam Khan
- Thumri folk dance is related to
(a) Arunachal Pradesh (b) Uttar Pradesh
(c) Madhya Pradesh (d) Andhra Pradesh
- Which of the following is NOT a Maharatna company
(a) Steel Authority of Indi Limited
(b) Hindustan Copper Limited
(c) Oil & Natural Gas Corporation Limited
(d) Bharat Heavy Electricals Limited
- "Hippocamp" is Moon of which planet?
(a) Jupiter (b) Neptune
(c) Uranus (d) Saturn
- Global Liveability Index is released by?
(a) United Nations Educational, Scientific and Cultural Organization
(b) Economic Intelligence Unit
(c) United Nations Human Rights Council
(d) International Civil Aviation
- 'We want our freedom now' was the slogan of
(a) John Lewis (b) Mahatma Gandhi
(c) Nelson Mandela (d) Subhas Chandra Bose
- Which of the following revolutionary organizations was formed outside India
(a) Indian Association
(b) Ghadar Party
(c) Bengal-British India Society
(d) India league
- Which of the following Veda mentions about magical rituals and charms?
(a) Samaveda (b) Yajurveda
(c) Atharva Veda (d) Rigveda
- Where is Greenland located?
(a) South pacific (b) Indian ocean
(c) Caribbean sea (d) North atlantic
- Who is the author of the book "The Life and Times of Georeg Fernandes"?
(a) Vinit Karnik (b) Dr Kiran Bedi
(c) V. Krishnaswamy (d) Rahul Ramgundan
- Which one of the following river passes through the largest freshwater lake of India?
(a) Ganga (b) Bhrahamputra
(c) Jhelum (d) None of these
- Kalahari desert is located in which country?
(a) South Africa (b) Chile
(c) India (d) Saudi Arabia
- Rickets is caused due to the deficiency of
(a) Vitamin D (b) Vitamin A
(c) Vitamin K (d) Vitamin E

26. Rearrange the jumbled-up letters in their natural sequence and find the odd one out.

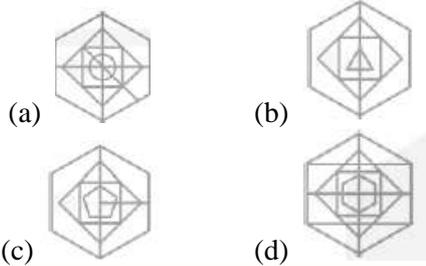
- (a) APRUIJ (b) LINAMA
(c) GLEUMBA (d) OSORIN

Select the word that is related to the third word in the same way as the second word is related to the first word

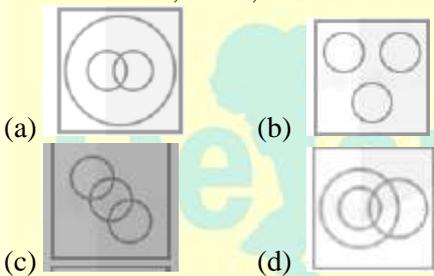
27. Nephrology : Kidneys : : Hematology : ?

- (a) Blood (b) Skin
(c) Bones (d) Liver

28. Select the option figure in which the given figure is embedded (rotation is not allowed)



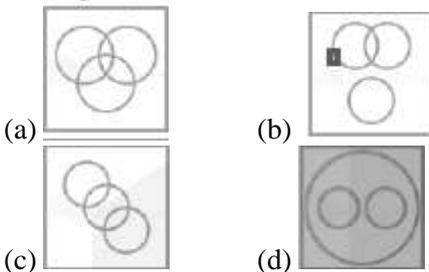
29. Identify the Venn diagram that best represents the relationship among classes given below.
Cobra, Moth, Salamander



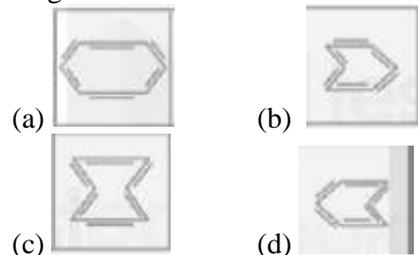
30. Choose the odd pair of words.

- (A) Tirana - Algeria
(B) Vienna - Austria
(C) Helsinki - Hungary
(D) Tehran - Iraq

31. Identify the Venn diagram that best represents the relationship among classes given below.
goods, ship, truck



32. In the following question, select the odd image from the given alternatives.

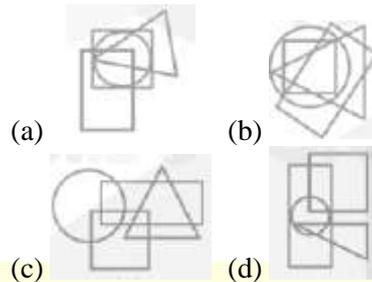
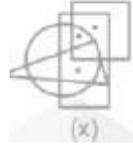


33. Select the word that is related to the third word in the same way as the second word is related to the first word. Lion : Roar : : Bear : ?

- (a) Bellow (b) Bleat
(c) Growl (d) Rattle

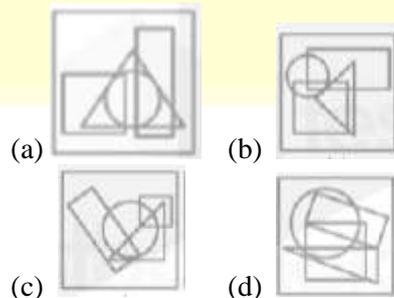
34. Direction: From amongst the figures marked (a), (b), (c) and (d), select the figure which satisfies the same conditions of placement of the dots as in figure (X)

Problem Figure:

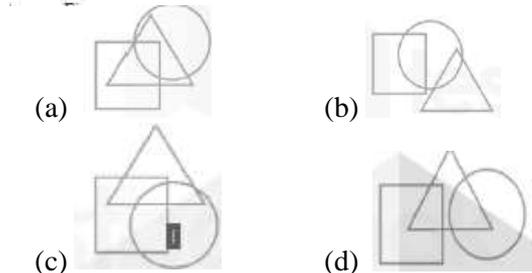
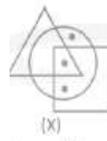


35. Direction: From amongst the figures marked (a), (b), (c) and (d), select the figure which satisfies the same conditions as the placement of the dots as in figure (x).

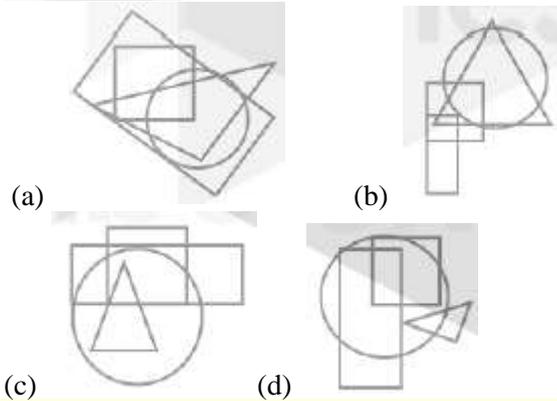
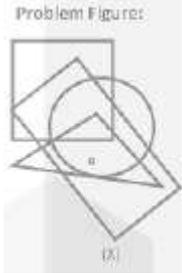
Problem Figure:



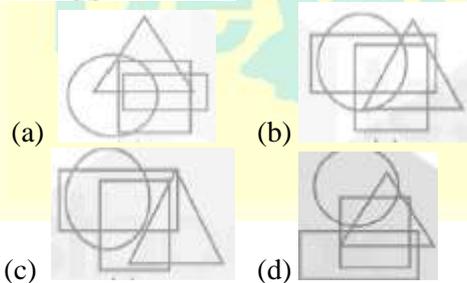
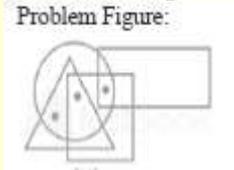
36. From amongst the figures marked (A), (B), (C) and (D), select the figure which satisfies the same conditions of placement of dots as in figure (X)



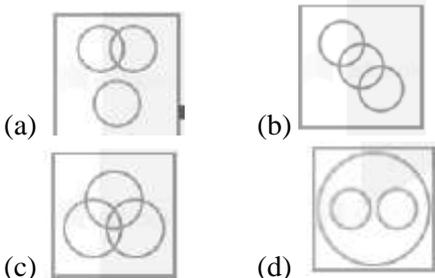
37. From amongst the figures marked (A), (B), (C) and (D), select the figure which satisfies the same conditions of placement of dots as in figure (X).



38. From amongst the figures marked (A), (B), (C) and (D), select the figure which satisfies the same conditions of placement of dots as in figure (X).

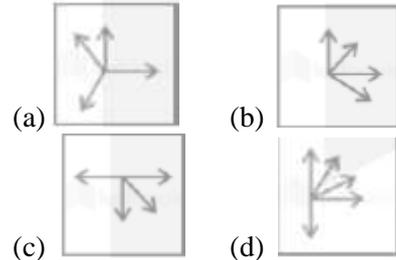


39. Identify the Venn diagram that best represents the relationship among classes given below.
root vegetables, carrot, parsnip

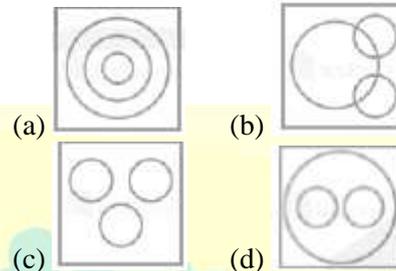


40. Find the odd one out.
(a) Lord Tennyson (b) Lord Mountbatten
(c) Lord Dalhousie (d) Lord Linlithgow
41. Select the word that is related to the third word in the same way as the second word is related to the first word. England : Atlantic : : Greenland :
- (a) Antarctic ocean (b) Pacific ocean
(c) Arctic ocean (d) Indian ocean

42. Choose the odd pair of words.
(a) Turning points - A. P. J. Abdul Kalam
(b) Flight of Pigeons - Swami Vivekananda
(c) Pathway to God - Ruskin Bond
(d) The Cherry Tree - Rabindranath Tagore
43. In the given questions, there are four figures given out of which three are similar in some manner and one is not like the others. Select the figure which is odd one out.



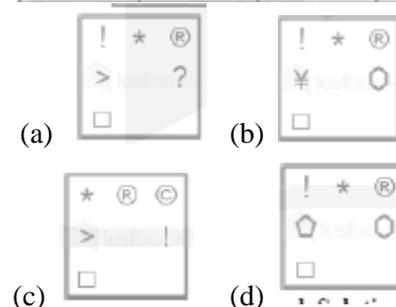
44. Which one of the following Venn diagrams best represents the relationship between Snake, Lizard and Reptiles?



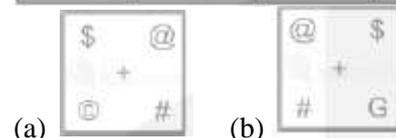
45. Select the option that is related to the third term in the same way as the second term is related to the first term.

CLIMB : FHLQD :: CREPT : ?
(a) FNHTV (b) FNHVM
(c) FHNLV (d) FNHLM

46. Select the figure that will come next in the following figure series.



47. Which of the option figure will replace the question mark (?) to continue the figure series given below?

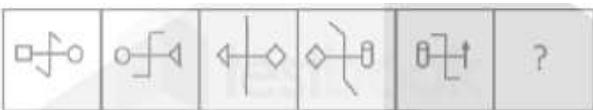




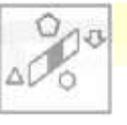
48. Which figure will replace the question mark (?) in the following series?



49. Select the figure that will come next in the following series



50. Select the figure that will come next in the following series



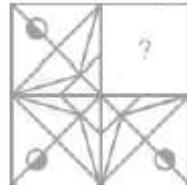
51. Select the figure that can replace the question mark (?) in the following series.



52. Choose the odd pair of words.

- (a) Atacama - South America
- (b) Sahara - Africa
- (c) Karakum - Argentina
- (d) Taklamakan - China

53. Which answer figure will complete the pattern in the following question figure?



54. Which answer figure will complete the pattern in the following question figure?



55. Choose from the alternatives the figure that best completes the pattern given below.



56. If in a certain code language, SETTING is coded as TGWXNTN. How will CERTAIN be coded in the same language?

- (a) DFSUBJO
- (b) DGUXFOU
- (c) VGUXPFD
- (d) GUXPFDV

57. Select the option that is related to the third term in the same way as the second term is related to the first term.

SAVING : TYWGOE :: BONUS : ?

- (a) DCOMR
- (b) CMRST

- (c) DOMTR (d) CMOST

Directions: Fill in the blanks in the following sentences with the help of options that follow.

58. She was delighted _____ as well as surprised at her friend's fluke.

- (a) With (b) but
(c) to (d) None of these

Direction: Select the most appropriate meaning of the given idiom.

59. Walking on thin ice

- (a) walking carefully (b) performing a ballet
(c) slipping on ice (d) doing something risk

60. Find the meanings of the given idioms

Round peg in a square hole.

- (a) Untrustworthy
(b) Invalid
(c) In an unpleasant situation
(d) A misfit

61. Choose the correct synonym of the word given below.

Garner

- (a) Collect (b) Dispel
(c) Disperse (d) Dissipate

62. In the following question, out of the four alternatives, select the one which is SIMILAR in meaning to the given word.

Prerogative

- (a) Privilege (b) Claim
(c) Grant (d) Afford

63. Choose the word OPPOSITE in meaning to the given word.

Erratic

- (a) Aberration (b) Normal
(c) Arcade (d) Sarcastic

64. Choose the word that is opposite in meaning to the given word.

Wrath

- (a) Anger (b) Happy
(c) Rage (d) Fury

Direction: Q.No (65-67):-In the following passage, some of the words have been left out. Read the passage carefully and choose the answer for the given blank out of the four alternatives.

The Asian Development Bank has _____ (1) _____ India's economic growth forecast for the current financial year to 10 % from 11% that it had previously projected in the month of April. This downgrade was done taking _____ (2) _____ account the adverse impact of the second wave of the Coronavirus pandemic. In the last quarter of the fiscal year which _____ (3) _____ in March 2021, India's GDP growth recovered to 1.6%

65. What should be the correct answer for the blank (1)?

- (a) uplifted (b) projected
(c) downgraded (d) upgraded

66. What should be the correct answer for the blank (2)?

- (a) into (b) on
(c) over (d) across

67. What should be the correct answer for the blank (3)?

- (a) will end (b) ends
(c) ended (d) will ended

68. Read the following passage carefully and answer the questions given below.

Just as some men like to play football or cricket, similarly some men like to climb mountains. This is often very difficult to do, for mountains are not just big hills. Paths are usually very steep. Some mountain sides

are straight up and down, so it may take many hours to climb as little as one hundred feet. There is always the danger that you may fall off and be killed or injured. Men talk about conquering a mountain. It is a wonderful feeling to reach the top of a mountain after climbing for hours and maybe, even days. You look down and see the whole country below you. You feel god-like. Two Italian prisoners of war escaped from a prison camp in Kenya during the war. They did not try to get back to their own country, for they knew that was impossible. Instead, they climbed to the top of Mount Kenya, and then they came down again and gave themselves up. They had wanted to get that feeling of freedom that one has, after climbing a difficult mountain.

According to the passage, why is it difficult to climb mountains?

- (a) Mountains are big hills
(b) It consumes more time
(c) Prisoners often escape from camps and settle there
(d) Paths are steep and uneven

69. Two Italian prisoners escaped from the camp and climbed on the top of Mount Kenya -

- (a) To get the feeling of freedom
(b) To escape to Italy
(c) To gain fame as mountaineers
(d) None of these

70. In the passage, the sentence "It is a wonderful feeling to reach the top of a mountain after climbing for hours and may be, even days." It refers to _____.

- (a) Mountain
(b) They were not treated well in the prison
(c) They liked climbing mountains
(d) None of these

71. Choose the correct word for the given sentence: Exercise can be a very _____ activity as long as you do not overdo it.

- (a) beneficial (b) benefitful
(c) benefit (d) benefited

Read the sentence to find out whether there is any error in it or not. The error, if any, will be in one part of the sentence. The number of that part (which has the error) is the answer. If there is no error, the answer is (4). Ignore errors of punctuation, if any.

72. The more you (a)/ work hard, (b)/ the more better you get (c). No error (d)

- (a) The more you (b) work hard,
(c) the more better you get (d) No error

73. In the following question, one part of the sentence may have an error. Find out which part of

the sentence has an error and click the option corresponding to it. If the sentence is free from error, click the 'No error' option.

He would succeed / in his efforts only / if he tries hard.

- (a) He would succeed (b) in his efforts only
(c) if he tries hard (d) No error

Direction: In this question, a sentence is given with three underlined separate parts and each one is labelled a), b), c). Read the sentence to find out whether there is an error in any underlined part. The sentence has not more than one error. When you find an error in any one of the underlined parts a), b) or c), indicate it as your response. You may feel that there is no error in a sentence. In that case, the letter 'd' will signify a 'No error' response.

74. I would a) rather buy a scooter b) or a cycle. c) No error d)

- (a) a) (b) b)
(c) c) (d) d)

75. Direction: Fill in the blanks with the correct word from the given option.

He made _____.

- (a) a mention of you
(b) a mention for you
(c) a mention about you
(d) your mention

76. Hey, man, you are absolutely _____ here because I'm innocent. Insert the correct idiom.

- (a) a devil's advocate
(b) an eye candy
(c) set the bar
(d) barking up the wrong tree

77. Give one word for the following expression:

The expression of spoken sounds by an alphabet.

- (a) Alphabet (b) Alphabetic
(c) Alphabetization (d) Alphabetism

78. Give one word for the following expression:

One who does things for pleasure and not for money.

- (a) Magician (b) Amateur
(c) Employee (d) Clown

79. Directions: Select the meaning of the idiom which is given below.

Hold all the aces

- (a) Keep abreast (b) Have the floor.
(c) Trump card (d) In the pickle.

80. Complete the following maxim.

A bird _____ the hand is worth two in the bush.

- (a) out (b) in
(c) of (d) from

81. Fill in the blank with a suitable phrase preposition.

Ankit will _____ as managing director when Rahul retires.

- (a) take away (b) take over
(c) take up (d) take down

82. I will introduce you _____ my boss this week.

- (a) On (b) to
(c) too (d) for

83. The average score of a cricketer in 10 matches is 50 runs, if his average score in first 6 matches is 40 runs, find the average score in last 4 matches

- (a) 60 (b) 55
(c) 70 (d) 65

84. Speed of a train is 40% more than the speed of a car. Both start from point P at the same time and reach point Q, at the same time. P and Q are 280 km apart from each other. On the way train stops for 60 minutes at a station. What is the speed of the train?

- (a) 110 km/hr (b) 115 km/hr
(c) 108 km/hr (d) 112 km/hr

85. A dishonest seller claims to trade his goods at cost price but uses a weight of 980 gms for 1 kg. Find his gain percent.

- (a) 2.04% (b) 2.50%
(c) 3.06% (d) 2.26%

86. If the compound interest is Rs. 2100 on a certain principal for 2 years at the rate of 10% per annum compounded annually. What will be the simple interest on the same principal for the same rate and for the same time period?

- (a) Rs. 1800 (b) Rs. 2000
(c) Rs. 2050 (d) Rs. 1850

87. If $5 \times 5 + 2 \times 5 \times x + 2 \times 2 = 49$, then find the value of x?

- (a) 5 (b) 2
(c) -2 (d) -5

88. A and B alone can do a piece of work in 10 and 30 days respectively. They started the work together and A left after 2 days of starting the work. B finished the remaining work alone. In how many days was the work completed?

- (a) 28 days (b) 24 days
(c) 25 days (d) 22 days

If $\frac{P}{4} = \frac{Q}{5} = \frac{R}{7}$, then the value of $\frac{Q+R-P}{P}$ is

- 89.

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

90. Total students in a School is 820. The ratio of boys and girls is 22 : 19. This year the performance of the school is good. So, two consecutive year the number of girls increases by 10% and 50% respectively. Find the ratio of present boys and Girls after 2 years is.

- (a) 114/40 (b) 80/57
(c) 57/80 (d) 40/57

91. The simple interest on a sum after 3 years is Rs. 600. If the amount on the sum is two times the sum after 5 years then find the sum.

- (a) Rs. 1000 (b) Rs. 1200
(c) Rs. 1500 (d) Rs. 1600

92. A person covers $(1/5)$ th of the distance by 20 km/h, $(1/4)$ th of the distance by 10 km/h and remaining distance by 60 km/h. Find average speed of the person.

- (a) 36 km/h (b) 32.45 km/h
(c) 22.64 km/h (d) 39 km/h

93. A purchases an article for Rs. 400 and spends Rs. 110 on its repair. He marks the price in such a way that after giving a discount of 15% he gains 25%. What is the marked price of the article?
(a) Rs. 800 (b) Rs. 850
(c) Rs. 750 (d) Rs. 825
94. 6 men can complete a piece of work in 10 days, whereas 10 women alone take 15 days to complete the same piece of work. Find the number of days taken by 6 men and 10 women together to complete the piece of work.
(a) 6 days (b) 5 days
(c) 8 days (d) 7 days
95. Find the average of first 40 natural numbers
(a) 20 (b) 40.5
(c) 20.5 (d) 41
96. A can do a work in 20 days and B in 5 days. If they work on it together for 3 days, then what fraction of work is left?
(a) $\frac{1}{2}$ (b) $\frac{3}{4}$
(c) $\frac{4}{5}$ (d) $\frac{1}{4}$
97. A, B and C can alone do a task in 75, 150 and 125 days respectively. A and B together work for 30 days and leave the task incomplete. C resumes it and finishes it alone. How many days did C take to finish it?
(a) 100 (b) 50
(c) 60 (d) 80
98. Two trains leave P and Q towards Q and P at same time. Speeds of train moving from P and Q is 25km/hr and 30 km/hr respectively. When they meet then it is known that the train coming from Q has travelled 10 km distance more than a train coming from P. What is the distance between P and Q?
(a) 100 km (b) 110 km
(c) 120 km (d) 90 km
99. X sells a hard disk for Rs. 5,000. His profit percent increases by 15% if he sells it for Rs. 5,600. What is the cost price of the hard disk.
(a) Rs. 3600 (b) Rs. 4000
(c) Rs. 4500 (d) Rs. 4800
100. The sum of ages of father and a son is 86 years. If 19 years ago father's age was five times the age of his son. If the son got married to a girl who is 6 years younger than him, then what will be the ratio of his age and his wife's age?
(a) 7 : 9 (b) 5 : 6
(c) 9 : 7 (d) 6 : 5



AFCAT MODAL TEST PAPER -ANSWER KEY

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