AFCAT 20 Feb 2021 Shift 1 Memory Based Paper

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100 Questions

Que. 1 **Direction:** The sentence is divided into four parts. Find out which part has an error and mark it as your answer. If there is no error, mark 'No error' as your answer.

The pair of diamond earrings, (A) / which you bought me yesterday, (B) / are expensive. (C) / No error (D)

1. A
2. B
3. C
4. D

Que. 2 **Direction:** The sentence is divided into four parts. Find out which part has an error and mark it as your answer. If there is no error, mark 'No error' as your answer.

The World Health Organization (WHO) declared (A) / India officially polio-free in 2014 after some 2.3 million medical staffs (B) / and 155,000 supervisors treated 172 million children. (C) / No error (D)

1. A
2. B
3. C
4. D

Que. 3 **Direction:** The sentence is divided into four parts. Find out which part has an error and mark it as your answer. If there is no error, mark 'No error' as your answer.

India's vast COVID-19 (A) / vaccination program offer (B) / an example to even the rich nations. (C) / No error (D)

1. A
2. B
3. C
4. D

Que. 4 **Direction:** Select the most appropriate word to fill in the blank.

There is some milk _____ the fridge.

1. in
2. on
3. to
4. from

Que. 5 **Direction:** Select the most appropriate word to fill in the blank.

She drew the picture _____ a crayon.

1. to
2. with
3. From
4. for

Que. 6   **Direction:** Select the most appropriate word to fill in the blank.

She is looking _____ to visiting Paris.

1. forward
2. after
3. over
4. ahead

Que. 7   **Direction:** Choose the correct preposition for the given sentence.

Professor Ram is an old brown-haired man_____a beard.

1. on
2. with
3. to
4. in

Que. 8   **Direction:** Choose the most appropriate answer and fill in the blank.

The verb form of 'Song' is _____

1. dance
2. sing
3. voice
4. vocalize

Que. 9   **Direction:** Choose the most appropriate answer and fill in the blank.

The adjective form of 'Courage' is _____

1. Courageous
2. Brave
3. Fear
4. Both 1 and 2

Que. 10   **Direction:** In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Indira Gandhi in India is known as the 'Iron lady of India'. After Lal Bahadur Shastri _____(1)_____, Indira Gandhi became the prime minister of India. Also, she established her _____(2)_____ and became the strongest prime as well as president of the Congress party. When she became the prime minister of India, the congress party was divided. Thus, she overcame all the _____(3)_____ and proved herself to be the strongest prime minister of India. It was only after her father Pandit Jawaharlal Nehru died she became the minister of information and broadcasting. After the untimely death of then prime minister Lal Bahadur Shastri, Indira Gandhi became the prime minister of India in 1966. She held on to the prime minister office for 17 years.

Which of these words most appropriately fits the blank labelled (3)?

1. peace
2. aid

3. opportunities

4. hurdles

Que. 11 Which of these words most appropriately fits the blank labelled (2)?

1. worth

2. money

3. glimpse

4. defeat

Que. 12 Which of these words most appropriately fits the blank labelled (1)?

1. died

2. death

3. dying

4. born

Que. 13 <u>Direction</u>: **Select the most appropriate one- word substitution for the given group of words.**

A set of three works of art that are connected and can be seen either as a single work or as three individual works.

1. trilogy

2. analogy

3. chronology

4. anthropology

Que. 14 **Choose the perfect 'one word' for the given below sentence-**

Someone who has had a limb removed surgically.

1. Handicapped

2. Mutilator

3. Amputee

4. Differently-abled

Que. 15 **Select the most appropriate meaning of the given idiom.**

To turn over a new leaf

1. To change your behaviour in a positive way

2. To become famous

3. To buy new things

4. To understand others' problems

Que. 16 **Directions: In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.**

To bury the hatchet

1. End hostility
2. To confess
3. Hide stolen goods
4. To hide evidence

Que. 17 | **In the following question, out of the four given alternatives, select the one which best expresses the meaning of the given word.**

Entice

1. Beautiful
2. Allure
3. Miracle
4. Repel

Que. 18 | **In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it.**

Subjugate

1. Liberate
2. Endow
3. Emulate
4. Hegemonize

Que. 19 | **Direction: Select the most appropriate synonym of the given word:**

Enrage

1. Anger
2. Crowd
3. Answer
4. Anxiety

Que. 20 | **Select the most appropriate ANTONYM of the given word.**

CULPABLE

1. innocent
2. offensive
3. disagreeable
4. reserved

Que. 21 | **In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.**

Demure

1. Strong
2. Shy
3. Backward

4. Afraid

Que. 22 | **Choose the word which is the exact OPPOSITE of the given word.**

Amalgamate

1. Esoteric
2. Vague
3. Alleviate
4. Isolate

Que. 23 | **Direction: Read the passage given below and answer the following questions.**

Sericulture, or silk farming, is the cultivation of silkworms to produce silk. Although there are several commercial species of silkworms, Bombyx mori (the caterpillar of the domestic silkmoth) is the most widely used and intensively studied silkworm. Silk was believed to have first been produced in China as early as the Neolithic Period. Sericulture has become an important cottage industry in countries such as Brazil, China, France, India, Italy, Japan, Korea, and Russia. Today, China and India are the two main producers, with more than 60% of the world's annual production

What is the most widely used silkworm species for commercial purposes?

1. Muga silkworm
2. Eri Silkworm
3. Oak silkworm
4. Bombyx Mori

Que. 24 | In which of the following countries, sericulture is not an important cottage industry?

1. France
2. China
3. Korea
4. Armenia

Que. 25 | In which archaeological period silk was first produced?

1. Paleolithic Period
2. Mesolithic Period
3. Neolithic Period
4. Epipaleolithic Period

Que. 26 | Which of the following pairs are correctly matched?

1. Atacama desert: South America

2. Kalahari desert: Africa

3. Patagonian desert: Argentina

Select the correct answer using the code given below:

1. 1 and 2 only
2. 1 and 3 only
3. 1, 2 and 3
4. 2 only

Que. 27 When India got Independence, who was the Prime Minister of England?
1. William Bentick
2. Warren Hastings
3. Margaret Thatcher
4. Clement Attlee

Que. 28 Who was the Indian para-athlete to have been awarded the Rajiv Gandhi Khel Ratna in 2017?
1. Devendra Jhajharia
2. Mariyappan Thangavelu
3. Deepa Malik
4. Varun Bhati

Que. 29 Oberon is the moon of which of the following planet?
1. Uranus
2. Jupiter
3. Saturn
4. Venus

Que. 30 'Sagarmatha' is the Nepali name for:
1. Mount Everest
2. Makalu
3. Kanchenjungha
4. Lhotse

Que. 31 In India Chief Justice of High Court is appointed by
1. Central Government
2. State Government
3. Governor
4. President

Que. 32 'Raider' is associated with which sport?
1. Cricket
2. Hockey
3. Kabaddi
4. Football

Que. 33 Which of the following is **not** an official language of the United Nations?
1. Spanish
2. French
3. Arabic
4. Turkish

Que. 34 Histology is the study of _____.
1. Tissues
2. Bones
3. Muscles
4. Coins

Que. 35 Moin-ud-Dowlah Gold Cup Tournament is related to which sports?
1. Cricket
2. Football
3. Hockey
4. Kabaddi

Que. 36 Who was the first Chief Justice of India?
1. M. Patanjali Sastri
2. Mehr Chand Mahajan
3. H. J. Kania
4. Sudhi Ranjan Das

Que. 37 The SI unit of Luminous intensity is _____.
1. Mole
2. Candela
3. Kelvin
4. Ampere

Que. 38 Who is the author of the famous book 'Wake Up, India: A Plea for Social Reform'?
1. Mother Teresa
2. Mahatma Gandhi
3. Annie Besant
4. Jawaharlal Nehru

Que. 39 International date line passes through which Ocean?
1. Pacific Ocean
2. Atlantic Ocean

3. Indian Ocean

4. Arctic Ocean

Que. 40 Who among the following killed General Michael O'Dyer, man behind Jallianwala Bagh Massacre?

1. Udham Singh

2. Bhagat Singh

3. Aravinda Ghosh

4. Bal Gangadhar Tilak

Que. 41 Which of the following cities hosted the UN Climate Change Conference (COP 25) in December 2019?

1. Madrid

2. Barcelona

3. Paris

4. Rome

Que. 42 Kathakali is the classical dance form of _____.

1. Kerala

2. Karnataka

3. Tamil Nadu

4. Maharashtra

Que. 43 Who is known as Napoleon of South India?

1. Rajendra Chola

2. Rajadhiraj

3. Aditya Chola

4. Rajendra II

Que. 44 Who of the following was martyred recently in the physical clash with Chinese troops at the Galwan Valley in June 2020?

1. Colonel B. Santosh Babu

2. Hemant Karkare

3. Colonel Ashutosh Sharma

4. Nirmal Jit Singh Sekhon

Que. 45 What is the capital of Hungary?

1. Helsinki

2. Budapest

3. Lisbon

4. Brussels

Que. 46 The Ural Mountains separate:

1. Africa and Asia
2. Asia and Europe
3. Africa and Europe
4. North America and South America

Que. 47 Retinol is the chemical name for which of the following Vitamin?

1. Vitamin C
2. Vitamin D
3. Vitamin A
4. Vitamin B

Que. 48 The part of either half of a badminton court that lies between the net and the line that marks the inbounds limit of a service is called?

1. Forecourt
2. Rally
3. Rearcourt
4. Lunge

Que. 49 Origami papercraft is associated with which country?

1. Italy
2. France
3. Phillipines
4. Japan

Que. 50 Sanskrit Ramayana is written by

1. Valmiki
2. Kabir
3. Tulsidas
4. Vyasa

Que. 51 If the speed of A, B, and C starts walking on a circular ground with 36 km/h, 54km/h, and 18 km/h respectively. If the length of the circular ground is 1200 m then find after how much time they meet at the starting point again.

1. 120 seconds
2. 240 seconds
3. 180 seconds
4. 360 seconds

Que. 52

X can do a piece of work in 10 days and Y can do the same work in 15 days if X and Y work for 2 days together after that X left the work then find the time taken by Y to complete the remaining work.

1. 10 days
2. 12 days
3. 8 days
4. 15 days

Que. 53 If the speed of A is 45 km/h and the speed of B is 60 km/h. A starts at 9 : 00 A.M., and B starts at 10 : 00 A.M. in the opposite direction of A. If they both meet at the half of total distance then find the distance covered by A in the journey.

1. 180 km
2. 90 km
3. 360 km
4. 120 km

Que. 54 The average age of 2 grandparents is 75, 3 parents is 45 and 4 grandchildren is 25. Then find the total age of whole family.

1. 375
2. 385
3. 395
4. 365

Que. 55 The speed of a person from A to B 20 km/h and returning speed of same person from B to A is 30km/h. Then find the average speed of the person in the entire journey.

1. 27 km/h
2. 25 km/h
3. 28 km/h
4. 24 km/h

Que. 56 40% students in a college are girls. 85% of boys pay fee and 92.5% girls also pay fees. If the number of students which don't pay fee is 180 and 1/2 students who pay fee get scholarship then find the students which get scholarship.

1. 660
2. 580
3. 700
4. 620

Que. 57 There are two siblings in the family A's pocket money is 30% of the total amount and if he spends 20% then his saving Rs. 144. then find the saving of B if he spends 50% and his pocket money is 20% of the total amount.

1. Rs. 60
2. Rs. 50

3. Rs. 120
4. Rs. 80

Que. 58   If the cost of 12 shirt is equal to the selling price of 8 shirt, the profit percentage in the transaction is?

1. 20%
2. 50%
3. 40%
4. 30%

Que. 59   If 24 men and 6 women can complete a work in 10 days while 6 men and 6 women can complete the same work in 12 days. In how many days 4 men and 1 women will complete the work?

1. 45 days
2. 18 days
3. 60 days
4. 48 days

Que. 60 $[(0.3)^3 + (0.6)^3] \div [(0.6)^3 + (0.2)^3]$

1. 244/243
2. 224/243
3. 223/224
4. 243/224

Que. 61   If the sum of amount becomes 7 times in 20 years then find the rate of simple interest.

1. 25%
2. 20%
3. 30%
4. 15%

Que. 62 $\dfrac{7}{\frac{8}{9}}$ exceeds $\dfrac{8}{\frac{9}{7}}$ by ?

1. 72/109
2. 109/72
3. 72/119
4. 119/72

Que. 63   A shopkeeper buys 180 pens at a rate of Rs. 120 per pen and he spent Rs. 2160 in transportation and packaging. He set the mark price of each pen at Rs. 150 and gave 4% dicount on each pen. Find the overall percentage gain.

1. 8.09%
2. 11%
3. 9.09%

4. 10%

Que. 64 | If the ratio of A : B is 3 : 6 and ratio of B : C is 7 : 28, then find the ratio of A : B : C.

1. 3 : 7 : 28
2. 1 : 2 : 8
3. 2 : 1 : 8
4. 6 : 7 : 28

Que. 65 | A sum of Rs. 7000 is invested in a bank at simple interest, after 3 years he invested Rs. 3000 more and after 8 years he earned total interest of Rs. 4970. What will be the rate of interest at which he invested the sum?

1. 7%
2. 4.5%
3. 8%
4. 9%

Que. 66 | Average salary of 6 person is Rs. 15000 and the average salary of first 5 persons is Rs. 12,000 find the salary of 6th person.

1. Rs. 20,000
2. Rs. 24,000
3. Rs. 30,000
4. Rs. 18,000

Que. 67 | P travels from Surat to jaipur at a speed of x km/h and Jaipur to Surat at speed of y km/h. Find the average speed of P in the entire journey

1. 2xy/(2x + y)
2. xy/(x + y)
3. 2xy/(x + y)
4. 2xy/(x + 2y)

Que. 68 | A student multiplied a number by 3/5 instead of 2/5. What is the percentage error in the calculation?

1. 20%
2. 40%
3. 50%
4. 30%

Que. 69 | Rearrange the jumbled letters to make meaningful words and then select the one which is different

1. THLAAPS
2. THANAPH
3. LESIED
4. ENAHTME

Que. 70 In the following question, select the related letters from the given alternatives.

BROWNIE : DTQYPKG :: DOCUMENTARY: ?

1. FQEWONPVCTA
2. FQEWOGPVCTA
3. FQEWOGPVCTF
4. FQEWOMPVCTA

Que. 71 Select the related word from the given alternatives.

Anthropology: Human beings :: ? : Tissues

1. Cytology
2. Lithology
3. Histology
4. Oncology

Que. 72 Select the related word from the given alternatives.

Bihu : Assam :: Kathakali : ?

1. Orissa
2. Sikkim
3. Karnataka
4. Kerala

Que. 73 Select the related word from the given alternatives.

Water : Oxygen :: Salt: ?

1. Nitrogen
2. Chlorine
3. Fluorine
4. Bromine

Que. 74 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

1. Hirakud
2. Sutlej
3. Almatti
4. Mettur

Que. 75 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

1. Stars
2. Celestial

3. Constellation
4. Solar system

Que. 76 Select the option that correctly represents the relationship among the following:

Mother, woman, widow

1.

2.

3.

4.

Que. 77 Select the option that correctly represents the relationship among the following:

Vitamin C, Calcium, Ascorbic Acid

1.

2.

3.

4.

Que. 78 Select the option that correctly represents the relationship among the following:

Bird, Ostrich, Albatross

1.

2.

3.

4.

Que. 79 Select the option that correctly represents the relationship among the following:

Celestial body, moon, natural satellite

1.

2.

3.

4.

Que. 80 In the following question, select the related word from the given alternatives.

Warmish : Gelid :: Reticent : ?

1. Secretive
2. Hottish
3. Candid
4. Wince

Que. 81 In the following question, select the related word from the given alternatives.

Contiguity : Distance :: Torment : ?

1. Delight
2. Domain
3. Affliction
4. Adjacency

Que. 82 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

1. Feathery
2. Hefty
3. Heavy
4. Massive

Que. 83 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

1. Complimentary
2. Gratuitous
3. Gratis
4. Expensive

Que. 84 From amongst the figures (A), (B), (C) and (D), select the figure which satisfies the same conditions of placement of the dots as in question figure.

Problem Figure
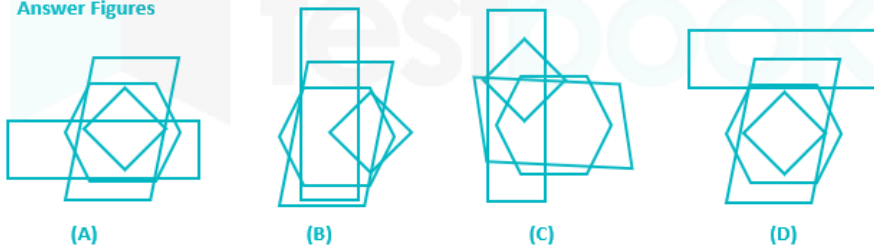
Answer Figures

1. A
2. B
3. C
4. D

Que. 85 From amongst the figures (A), (B), (C) and (D), select the figure which satisfies the same conditions of placement of the dots as in question figure.

Problem Figure

Answer Figures

(A)　　　　(B)　　　　(C)　　　　(D)

1. A
2. C
3. B
4. D

Que. 86 From amongst the figures (A), (B), (C) and (D), select the figure which satisfies the same conditions of placement of the dots as in question figure.

Problem Figure

Answer Figures

(A)　　　　(B)　　　　(C)　　　　(D)

1. A
2. D
3. C
4. B

Que. 87 From amongst the figures (A), (B), (C) and (D), select the figure which satisfies the same conditions of placement of the dots as in question figure.

Answer Figures

(A)   (B)   (C)   (D)

1.   A
2.   B
3.   C
4.   D

Que. 88   From amongst the figures (A), (B), (C) and (D), select the figure which satisfies the same conditions of placement of the dots as in question figure.

Problem Figure

Answer Figures

(A)   (B)   (C)   (D)

1.   B
2.   A
3.   C
4.   D

Que. 89   From the given answer figures, select the one in which the question figure is hidden/embedded. (Rotation is not allowed)

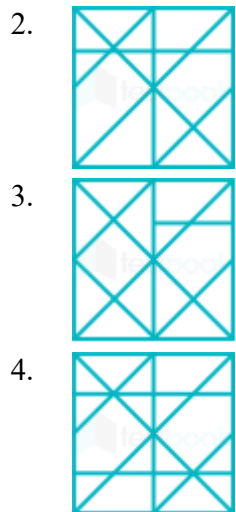1.

2.

3.

4.

Que. 90 From the given answer figures, select the one in which the question figure is hidden/embedded. (Rotation is not allowed)

1.

2.

3.

4.

Que. 91 Which answer figure will complete the pattern in the following question figure?

1.

2.

3.

4.
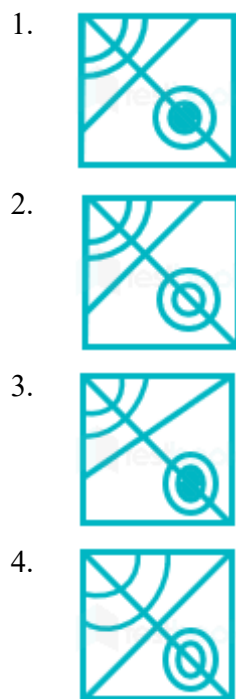
Que. 92 Which answer figure will complete the pattern in the following question figure?

1.

2.

3.

4.

Que. 93 Which answer figure will complete the pattern in the following question figure?

1.

2.

3.

4.

Que. 94 Which answer figure will complete the pattern in the following question figure?

1.

2.

3.

4.

Que. 95 Which answer figure will complete the pattern in the following question figure?

1.

2.

3.

4.

Que. 96 **Directions:** Out of the four given figure, three figure are similar in certain way, one figure is not like the others. Find out the figure which doe not belongs the group.
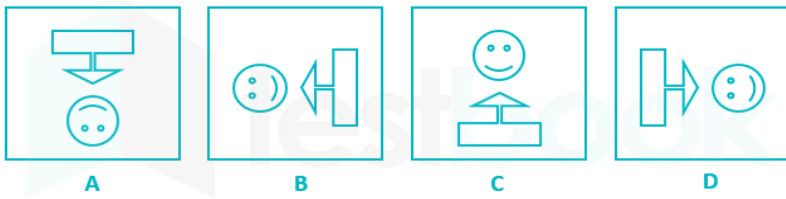
1. A
2. B
3. C
4. D

Que. 97 **Directions:** Out of the four given figure, three figure are similar in certain way, one figure is not like the others. Find out the figure which doe not belongs the group.

1. A
2. B
3. C
4. D

Que. 98 Select the question that can replace the question mark (?) in the following series.

1.

2.

3.

4.

Que. 99 Select the question that can replace the question mark (?) in the following series.

1.

2.

3.

4.

Que. 100 Select the figure that will come next in the following figure series.

1.

2.

3.

4.

100 Questions

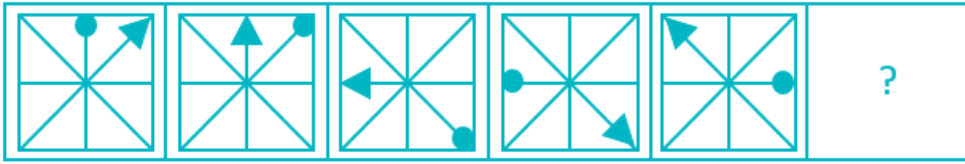|	
Que. 1	Correct Option - 3
Que. 2	Correct Option - 2
Que. 3	Correct Option - 2
Que. 4	Correct Option - 1
Que. 5	Correct Option - 2
Que. 6	Correct Option - 1
Que. 7	Correct Option - 2
Que. 8	Correct Option - 2
Que. 9	Correct Option - 1
Que. 10	Correct Option - 4
Que. 11	Correct Option - 1
Que. 12	Correct Option - 1
Que. 13	Correct Option - 1
Que. 14	Correct Option - 3
Que. 15	Correct Option - 1
Que. 16	Correct Option - 1
Que. 17	Correct Option - 2
Que. 18	Correct Option - 4
Que. 19	Correct Option - 1
Que. 20	Correct Option - 1
Que. 21	Correct Option - 1
Que. 22	Correct Option - 4
Que. 23	Correct Option - 4
Que. 24	Correct Option - 4
Que. 25	Correct Option - 3

Que. 26	Correct Option - 3
Que. 27	Correct Option - 4
Que. 28	Correct Option - 1
Que. 29	Correct Option - 1
Que. 30	Correct Option - 1
Que. 31	Correct Option - 4
Que. 32	Correct Option - 3
Que. 33	Correct Option - 4
Que. 34	Correct Option - 1
Que. 35	Correct Option - 1
Que. 36	Correct Option - 3
Que. 37	Correct Option - 2
Que. 38	Correct Option - 3
Que. 39	Correct Option - 1
Que. 40	Correct Option - 1
Que. 41	Correct Option - 1
Que. 42	Correct Option - 1
Que. 43	Correct Option - 1
Que. 44	Correct Option - 1
Que. 45	Correct Option - 2
Que. 46	Correct Option - 2
Que. 47	Correct Option - 3
Que. 48	Correct Option - 1
Que. 49	Correct Option - 4
Que. 50	Correct Option - 1
Que. 51	Correct Option - 2

Que. 52	Correct Option - 1
Que. 53	Correct Option - 1
Que. 54	Correct Option - 2
Que. 55	Correct Option - 4
Que. 56	Correct Option - 1
Que. 57	Correct Option - 1
Que. 58	Correct Option - 2
Que. 59	Correct Option - 3
Que. 60	Correct Option - 4
Que. 61	Correct Option - 3
Que. 62	Correct Option - 4
Que. 63	Correct Option - 3
Que. 64	Correct Option - 2
Que. 65	Correct Option - 1
Que. 66	Correct Option - 3
Que. 67	Correct Option - 3
Que. 68	Correct Option - 3
Que. 69	Correct Option - 4
Que. 70	Correct Option - 2
Que. 71	Correct Option - 3
Que. 72	Correct Option - 4
Que. 73	Correct Option - 2
Que. 74	Correct Option - 2
Que. 75	Correct Option - 2
Que. 76	Correct Option - 2
Que. 77	Correct Option - 4
Que. 78	

	Correct Option - 3
Que. 79	Correct Option - 2
Que. 80	Correct Option - 3
Que. 81	Correct Option - 1
Que. 82	Correct Option - 1
Que. 83	Correct Option - 4
Que. 84	Correct Option - 3
Que. 85	Correct Option - 2
Que. 86	Correct Option - 4
Que. 87	Correct Option - 1
Que. 88	Correct Option - 1
Que. 89	Correct Option - 3
Que. 90	Correct Option - 1
Que. 91	Correct Option - 2
Que. 92	Correct Option - 2
Que. 93	Correct Option - 1
Que. 94	Correct Option - 2
Que. 95	Correct Option - 3
Que. 96	Correct Option - 4
Que. 97	Correct Option - 3
Que. 98	Correct Option - 3
Que. 99	Correct Option - 2
Que. 100	Correct Option - 4