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AFCAT

Previous Year Paper
28 Aug 2021 Shift 1
Memory Based

100 Questions

Que. 1 Black lead is also known as _____
1. Diamond
2. Graphene
3. Graphite
4. Pencil

Testbook Solution Correct Option **- 3**

Que. 2 In India, Planning Commission was set up in year _____.
1. 1965
2. 1955
3. 1950
4. 1960

Testbook Solution Correct Option **- 3**

Que. 3 Majuli, the largest riverine Island is found in which of the following rivers?
1. Narmada
2. Kaveri
3. Brahmaputra
4. Godavari

Testbook Solution Correct Option **- 3**

Que. 4 Which is the land of Morning Calm?
1. Finland
2. South Korea
3. Japan
4. Thailand

Testbook Solution Correct Option **- 2**

Que. 5 Scalp missile is integrated with which one of the following aircraft?
1. Rafale
2. Mig - 21
3. Sukhoi 30 MKI
4. Tejas

Testbook Solution Correct Option **- 1**

Que. 6 The term 'Castle' is related to which sport?
1. Kho-Kho
2. Football

3. Chess

4. Kabaddi

Testbook Solution Correct Option - **3**

Que. 7 Who was the first Indian to win the World Amateur Billiards title?

1. Pankaj Advani

2. Michael Ferreira

3. Wilson Jones

4. Geet Sethi

Testbook Solution Correct Option - **3**

Que. 8 Red fort was built during the reign of _____

1. Akbar

2. Jehangir

3. Shah Jahan

4. Aurangzeb

Testbook Solution Correct Option - **3**

Que. 9 _____ was the first host country of the FIFA (Federation Internationale de Football Association) World Cup.

1. France

2. Brazil

3. Uruguay

4. Italy

Testbook Solution Correct Option - **3**

Que. 10 Archery is the national game of which of the following country?

1. Myanmar

2. Bhutan

3. Nepal

4. Sri Lanka

Testbook Solution Correct Option - **2**

Que. 11 The Keibul Lamjao National Park is a national park located in which of the following states?

1. Tripura

2. Manipur

3. Mizoram

4. Meghalaya

Testbook Solution Correct Option - **2**

Que. 12 Which is the world's first man-made polymer?

1. Nylon

2. Bakelite
3. Polyester
4. Polyethylene

Testbook Solution   Correct Option - **2**

Que. 13   Which among the following was not the Navratna of the Akbar's court?
1. Abul Fazal
2. Abdur Rahim Khankhana
3. Tansen
4. Bairam Khan

Testbook Solution   Correct Option - **4**

Que. 14   Thumri folk dance is related to
1. Arunachal Pradesh
2. Uttar Pradesh
3. Madhya Pradesh
4. Andhra Pradesh

Testbook Solution   Correct Option - **2**

Que. 15   Which of the following is NOT a Maharatna company?
1. Steel Authority of Indi Limited
2. Hindustan Copper Limited
3. Oil & Natural Gas Corporation Limited
4. Bharat Heavy Electricals Limited

Testbook Solution   Correct Option - **2**

Que. 16   "Hippocamp" is Moon of which planet?
1. Jupiter
2. Neptune
3. Uranus
4. Saturn

Testbook Solution   Correct Option - **2**

Que. 17   The International Renewable Energy Agency is headquartered in _____.
A. Abu Dhabi

B. Dubai

C. Sharjah

D. Kuwait

1. A
2. D
3. B

4.   C

Testbook Solution   Correct Option **- 1**

| **Que. 18** | 'We want our freedom now' was the slogan of |

1.   John Lewis
2.   Mahatma Gandhi
3.   Nelson Mandela
4.   Subhas Chandra Bose

Testbook Solution   Correct Option **- 1**

| **Que. 19** | Which of the following revolutionary organizations was formed outside India? |

1.   Indian Association
2.   Ghadar Party
3.   Bengal-British India Society
4.   India league

Testbook Solution   Correct Option **- 2**

| **Que. 20** | Which of the following Veda mentions about magical rituals and charms? |

1.   Samaveda
2.   Yajurveda
3.   Atharva Veda
4.   Rigveda

Testbook Solution   Correct Option **- 3**

| **Que. 21** | Where is Greenland located? |

1.   South pacific
2.   Indian ocean
3.   Caribbean sea
4.   North atlantic

Testbook Solution   Correct Option **- 4**

| **Que. 22** | 'Punisher and The Las Vegas Kid' was the nick name of |

1.   Jack Jacobs
2.   Andre Agassi
3.   James Franklin Edwards
4.   Rahul Dravid

Testbook Solution   Correct Option **- 2**

| **Que. 23** | Which one of the following river passes through the largest freshwater lake of India? |

1.   Ganga
2.   Bhrahamputra

3. Jhelum

4. None of these

Testbook Solution   Correct Option **- 3**

Que. 24   Kalahari desert is located in which country?

1.   South Africa

2.   Chile

3.   India

4.   Saudi Arabia

Testbook Solution   Correct Option **- 1**

Que. 25   Rickets is caused due to the deficiency of

1.   Vitamin D

2.   Vitamin A

3.   Vitamin K

4.   Vitamin E

Testbook Solution   Correct Option **- 1**

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

1.   APRUIJ

2.   LINAMA

3.   GLEUMBA

4.   OSORIN

Testbook Solution   Correct Option **- 4**

Que. 27   Select the word that is related to the third word in the same way as the second word is related to the first word.
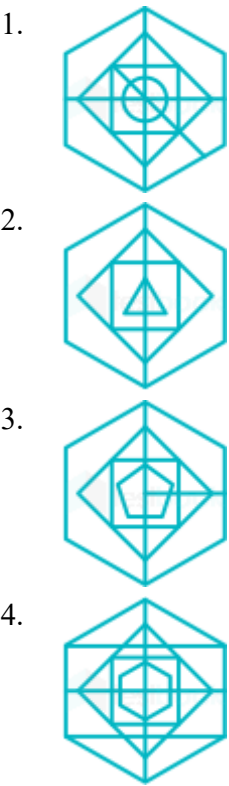
Nephrology : Kidneys: : Hematology : ?

1.   Blood

2.   Skin

3.   Bones

4.   Liver

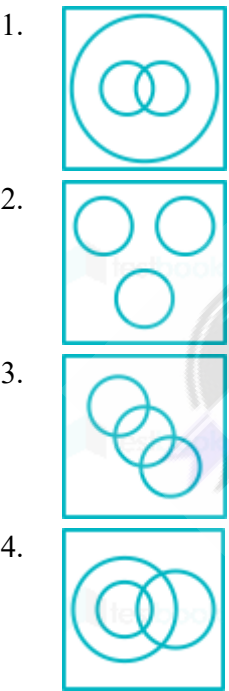**Testbook Solution**   Correct Option **- 1**

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

1.

2.

3.

4.

Testbook Solution Correct Option **- 1**

Que. 29 Identify the Venn diagram that best represents the relationship among classes given below.

Cobra, Moth, Salamander

1.

2.

3.

4.

Testbook Solution Correct Option **- 2**

Que. 30 Choose the odd pair of words.

1. TIRANA - ALGERIA
2. VIENNA - AUSTRIA
3. HELSINKI - HUNGARY

4.   TEHRAN - IRAQ

Testbook Solution Correct Option **- 2**

Que. 31 Identify the Venn diagram that best represents the relationship among classes given below.

goods, ship, truck

1.

2.

3.

4.

Testbook Solution Correct Option **- 3**

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

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

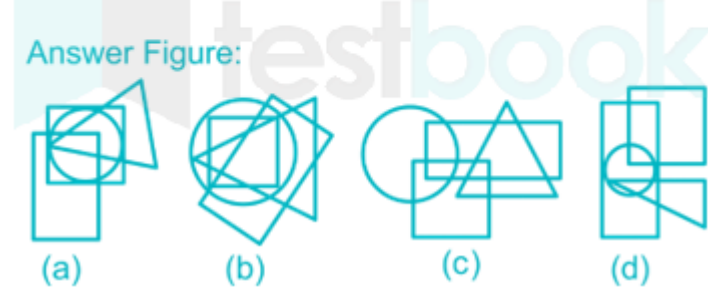**Testbook Solution** Correct Option **- 4**


Que. 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 : ?

1.   Bellow
2.   Bleat
3.   Growl
4.   Rattle

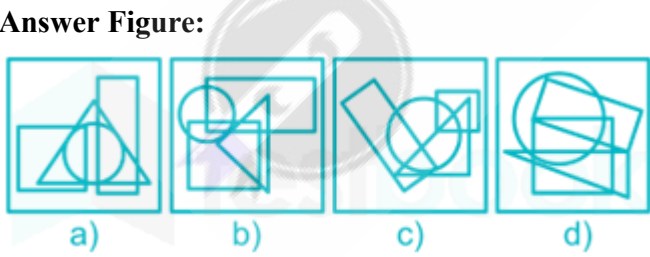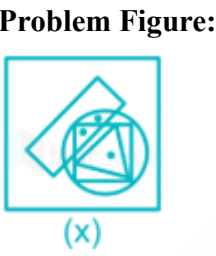**Testbook Solution** Correct Option **- 3**

Que. 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:

(x)

Answer Figure:

(a)   (b)   (C)   (d)

1. a
2. b
3. c
4. d
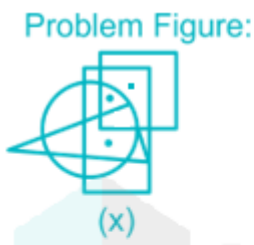
Testbook Solution Correct Option **- 4**

Que. 35 **Direction:** From among 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:

(X)

Answer Figure:

a)   b)   c)   d)

1. c
2. a
3. d
4. b

Testbook Solution Correct Option **- 3**

Que. 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).

Problem Figure:

(X)

Answer Figures:

(A)　　　　(B)　　　　(C)　　　　(D)

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

Testbook Solution　Correct Option - **2**

Que. 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).

Problem Figure:

(X)

Answer Figures:

(A)　　　　(B)　　　　(C)　　　　(D)

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

Testbook Solution　Correct Option - **4**

Que. 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).

Problem Figure:

(X)

Answer Figures:

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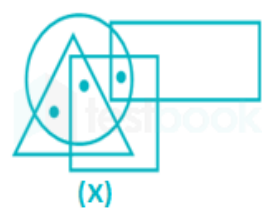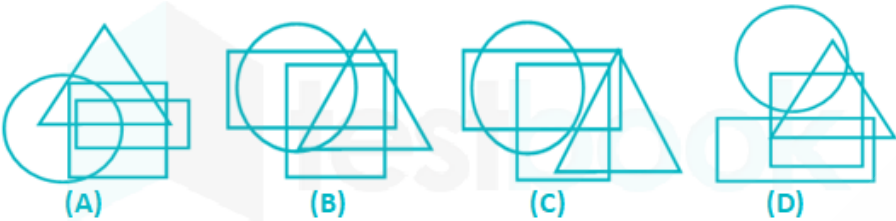
1. B
2. A
3. C
4. D

Testbook Solution Correct Option **- 2**

Que. 39 Identify the Venn diagram that best represents the relationship among classes given below.

root vegetables, carrot, parsnip

1.

2.

3.

4.

Testbook Solution Correct Option **- 4**

Que. 40 Find the odd one out.

1. Lord Tennyson
2. Lord Mountbatten

3. Lord Dalhousie
4. Lord Linlithgow

Testbook Solution Correct Option **- 1**

Que. 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 : ?

1. Antarctic ocean
2. Pacific ocean
3. Arctic ocean
4. Indian ocean

Testbook Solution Correct Option **- 3**

Que. 42 Choose the odd pair of words.
1. Turning points - A. P. J. Abdul Kalam
2. Flight of Pigeons - Swami Vivekananda
3. Pathway to God - Ruskin Bond
4. The Cherry Tree - Rabindranath Tagore

Testbook Solution Correct Option **- 1**

Que. 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.

1.

2.

3.

4.

Testbook Solution Correct Option **- 4**

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

1.

2.

3.

4.
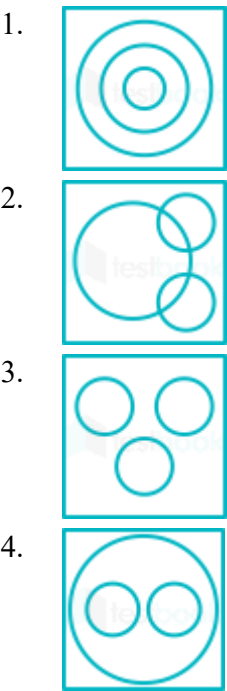
Testbook Solution Correct Option **- 4**

Que. 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 : ?

1. FNHTV
2. FNHVM
3. FHNLV
4. FNHLM

Testbook Solution Correct Option **- 1**

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

1.

2.

3.

4.

Testbook Solution Correct Option **- 4**

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

1.

2.

3.

4.

Testbook Solution Correct Option **- 3**

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

1.

2.

3.

4.

Testbook Solution Correct Option **- 4**

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

1.

2.

3.

4.
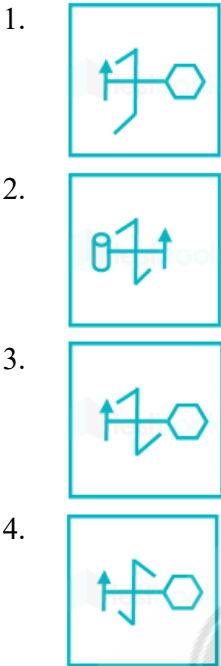
Testbook Solution Correct Option **- 3**

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

1.

2.

3.

4.

Testbook Solution   Correct Option **- 1**

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

1.

2.

3.

4.

Testbook Solution   Correct Option **- 1**

Que. 52   Choose the odd pair of words.
1.   Atacama - South America
2.   Sahara - Africa
3.   Karakum - Argentina

Testbook Solution Correct Option **- 3**

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

1.

2.

3.

4.

Testbook Solution Correct Option **- 3**

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

1.

2.

3.

4.

Testbook Solution Correct Option - **4**

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

1.

2.

3.

4.

Testbook Solution Correct Option - **3**

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

1. DFSUBJO
2. DGUXFOU
3. VGUXPFD
4. GUXPFDV

Testbook Solution Correct Option - **2**

Que. 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 : ?

1. DCOMR
2. CMRST
3. DOMTR
4. CMOST

Testbook Solution Correct Option - **4**

Que. 58 **Directions: Fill in the blanks in the following sentences with the help of options that follow.**

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

1. with

2. but

3. to

4. None of these

Testbook Solution Correct Option - **1**

Que. 59 <u>Direction</u>: **Select the most appropriate meaning of the given idiom.**

Walking on thin ice

1. walking carefully

2. performing a ballet

3. slipping on ice

4. doing something risky

Testbook Solution Correct Option - **4**

Que. 60 **Find the meanings of the given idioms**

Round peg in a square hole.

1. Untrustworthy

2. Invalid

3. In an unpleasant situation

4. A misfit

Testbook Solution Correct Option - **4**

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

Garner

1. Collect

2. Dispel

3. Disperse

4. Dissipate

Testbook Solution Correct Option - **1**

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

Prerogative

1. Privilege

2. Claim

3. Grant

4. Afford

Testbook Solution Correct Option - **1**

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

Erratic

1. Aberration

2. Normal

3. Arcade
4. Sarcastic

Testbook Solution Correct Option - **2**

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

1. Anger
2. Happy
3. Rage
4. Fury

Testbook Solution Correct Option - **2**

Que. 65 **Direction: 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%.

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

1. uplifted
2. projected
3. downgraded
4. upgraded

Testbook Solution Correct Option - **3**

Que. 66 What should be the correct answer for the blank (2)?
1. into
2. on
3. over
4. across

Testbook Solution Correct Option - **1**

Que. 67 What should be the correct answer for the blank (3)?
1. will end
2. ends
3. ended
4. will ended

Testbook Solution Correct Option - **3**

Que. 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?

1. Mountains are big hils
2. It consumes more time
3. Prisoners often escape form camps and settle there
4. Paths are steep and uneven

Testbook Solution Correct Option - **4**

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

1. To get the feeling of freedom
2. To escape to Italy
3. To gain face as mountaineers
4. None of these

Testbook Solution Correct Option - **1**

Que. 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 _____.

1. Mountain
2. They were not treated well in the prison
3. They liked climbing mountains
4. None of these

Testbook Solution Correct Option - **4**

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

1. beneficial
2. benefitial
3. benefit
4. benefited

Testbook Solution Correct Option - **1**

Que. 72 **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.**

The more you (1)/ work hard, (2)/ the more better you get (3). No error (4)

1. The more you
2. work hard,

3.   the more better you get

4.   No error

Testbook Solution   Correct Option - **3**

Que. 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 succeeds / in his efforts only / if he tries hard.

1.   He would succeeds

2.   in his efforts only

3.   if he tries hard

4.   No error

Testbook Solution   Correct Option **- 1**

Que. 74   **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.**

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

1.   a)

2.   b)

3.   c)

4.   d)

Testbook Solution   Correct Option **- 3**

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

He made _____.

1.   a mention of you

2.   a mention for you

3.   aa mention about you

4.   yours mention

Testbook Solution   Correct Option **- 1**

Que. 76   Hey, man, you are absolutely_____here because I'm innocent. Insert the correct idiom.

1.   a devil's advocate

2.   an eye candy

3.   set the bar

4.   barking up the wrong tree

Testbook Solution   Correct Option **- 4**

Que. 77   **Give one word for the following expression:**

The expression of spoken sounds by an alphabet.

1. Alphabet
2. Alphabetic
3. Alphabeticiation
4. Alphabetism

Testbook Solution Correct Option - **4**

Que. 78 **Give one word for the following expression:**

One who does things for pleasure and not for money.

1. Magician
2. Amateur
3. Employee
4. Clown

Testbook Solution Correct Option - **2**

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

Hold all the aces

1. Keep abreast
2. Have the floor.
3. Trump card
4. In the pickle.

Testbook Solution Correct Option - **3**

Que. 80 **Complete the following maxim.**

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

1. out
2. in
3. of
4. from

Testbook Solution Correct Option - **2**

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

Ankit will _____ as managing director when Rahul retires.

1. take away
2. take over
3. take up
4. take down

Testbook Solution Correct Option - **2**

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

1. on

2. to

3. too

4. for

Testbook Solution Correct Option **- 2**

Que. 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.

1. 60

2. 55

3. 70

4. 65

Testbook Solution Correct Option **- 4**

Que. 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?

1. 110 km/hr

2. 115 km/hr

3. 108 km/hr

4. 112 km/hr

Testbook Solution Correct Option **- 4**

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

1. 2.04%

2. 2.50%

3. 3.06%

4. 2.26%

Testbook Solution Correct Option **- 1**

Que. 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?

1. Rs. 1800

2. Rs. 2000

3. Rs. 2050

4. Rs. 1850

Testbook Solution Correct Option **- 2**

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

1. 5

2. 2

3. -2

4. -5

Testbook Solution Correct Option **- 2**

Que. 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?

1. 28 days
2. 24 days
3. 25 days
4. 22 days

Testbook Solution Correct Option **- 2**

Que. 89 If $\frac{P}{4} = \frac{Q}{5} = \frac{R}{7}$, then the value of $\frac{Q+R-P}{P}$ is

1. 3
2. 4
3. 2
4. 5

Testbook Solution Correct Option **- 3**

Que. 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.

1. 114/40
2. 80/57
3. 57/80
4. 40/57

Testbook Solution Correct Option **- 4**

Que. 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.

1. Rs. 1000
2. Rs. 1200
3. Rs. 1500
4. Rs. 1600

Testbook Solution Correct Option **- 1**

Que. 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.

1. 36 km/h
2. 32.45 km/h
3. 22.64 km/h
4. 39 km/h

Que. 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 diving a discount of 15% he gains 25%. What is the marked price of the article?

1. Rs. 800
2. Rs. 850
3. Rs. 750
4. Rs. 825

Testbook Solution Correct Option - 3

Que. 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.

1. 6 days
2. 5 days
3. 8 days
4. 7 days

Testbook Solution Correct Option - 1

Que. 95 Find the average of first 40 natural numbers.

1. 20
2. 40.5
3. 20.5
4. 41

Testbook Solution Correct Option - 3

Que. 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?

1. 1/2
2. 3/4
3. 4/5
4. 1/4

Testbook Solution Correct Option - 4

Que. 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?

1. 100
2. 50
3. 60
4. 80

Testbook Solution Correct Option - 2

Que. 98 Two trains leave P and Q towards Q and P at same time. Speeds of train moving from P and Q is 25 km/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?

1. 100 km
2. 110 km
3. 120 km
4. 90 km

Testbook Solution Correct Option - **2**

Que. 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.

1. Rs. 3600
2. Rs. 4000
3. Rs. 4500
4. Rs. 4800

Testbook Solution Correct Option - **2**

Que. 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?

1. 7 : 9
2. 5 : 6
3. 9 : 7
4. 6 : 5

Testbook Solution Correct Option - **3**