

# 100 Questions

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Que. 1 Jai Vilas Mahal is situated in which of the following district?

1. Gwalior
2. Bhopal
3. Ujjain
4. Rewa

Correct Option - 1

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Que. 2 Which of the following is the largest wildlife sanctuary located in Madhya Pradesh?

1. Ghatigaon Wildlife Sanctuary
2. Kheoni wild life Sanctuary
3. Nauradehi wildlife sanctuary
4. Kuno Wildlife Sanctuary

Correct Option - 3

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Que. 3 When the State of Tripura was formed?

1. 21 January 1972
2. 16 May 1975
3. 9 November 2000
4. 20 February 1987

Correct Option - 1

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Que. 4 Shankar Dayal Sharma was the \_\_\_\_\_ President of India.

1. Tenth
2. Eleventh
3. Eighth
4. Ninth

Correct Option - 4

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Que. 5 Tomb of Tansen is located in \_\_\_\_\_.

1. Gwalior
2. Indore
3. Ujjain
4. Morena

Correct Option - 1

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Que. 6 Which instrument measures earthquakes ?

1. Seismograph
2. Barometer
3. Manometer
4. Ammeter

Correct Option - 1

Que. 7 Which of the following is a popular tourist spot in Indore?

1. Belbagh
2. Lal Bagh Palace
3. Aishbagh
4. Vyoharbagh

Correct Option - 2

Que. 8 Gauhar Mahal was built by \_\_\_\_\_.

1. Qudisiya Begum
2. Sultan Jahan
3. Shahjahan Begum
4. Sikander Begum

Correct Option - 1

Que. 9 From which of the following districts of Madhya Pradesh does the River Chambal originate?

1. Indore
2. Khandwa
3. Dhar
4. Raisen

Correct Option - 1

Que. 10 Vishwamitra Award is given to?

1. Physical trainers
2. Players
3. Sports Administrators
4. Coaches

Correct Option - 4

Que. 11 When is the International Women's Day celebrated?

1. 20th March
2. 8th March
3. 2nd February
4. 28th February

Correct Option - 2

Que. 12 Panna district of Madhya Pradesh is famous for which production?

1. Mineral oil
2. Coal
3. Diamond
4. Gold

Correct Option - 3

Que. 13 Who founded the Holkar dynasty?

- 1.Yashwant Rao Holkar
  - 2.Malhar Rao Holkar
  - 3.Ahilya Bai Holkar
  - 4.Shivaji Rao Holkar
- Correct Option - 2

Que. 14 In which year did the Bhopal Gas Tragedy take place?

1. 1985
2. 1984
3. 1988
4. 1983

Correct Option - 2

Que. 15 Who was the first Chief Minister of Madhya Pradesh in India?

- 1.Yashwantrao Balwantrao Chavan
- 2.Hiralal Shastri
- 3.Ravishankar Shukla
- 4.Harekrushna Mahatab

Correct Option - 3

Que. 16 Bansagar Dam is located on which river?

- 1.Narmada River
- 2.Son River
- 3.Tapti River
- 4.Parvati River

Correct Option - 2

Que. 17 Which of the following places of Madhya Pradesh is famous for Ghost Fair(Bhooto ka Mela)?

1. Seoni
2. Bhopal
3. Betul
4. Sagar

Correct Option - 3

Que. 18 Bhimbetka was discovered by

- 1.Dr. H. D. Sankhalia
- 2.Dr. Shyam Sundar Nigam
- 3.Dr. Vishnudhar Vakankar
- 4.Dr. Rajbali Pandey

Correct Option - 3

Que. 19 Madhya Pradesh has India's first green-field SEZ situated at which of the following places?

- 1 Pithampur
- . Rewa
- 2
- .

- 3. Shahjahapur
  - 4. Bhopal
- Correct Option - 1

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Que. 20 Minto Hall located in Bhopal has been renamed after \_\_\_\_\_.

- 1. Kushabhau Thakre
- 2. Shivprakash Shukla
- 3. Atal Bihari Vajpayee
- 4. Shankar Dayal Sharma

Correct Option - 1

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Que. 21 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All balls are fans.

No fan is a player.

Some players are wickets.

Conclusions:

I. Some players are fans.

II. Some wickets are balls.

III. Some fans are balls.

1. Only conclusion I follows

2. Only conclusion II follows

3. Both conclusions II and III follow

4. Only conclusion III follows

Correct Option - 4

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Que. 22 In the following question, select the missing number from the given series.

47, 49, 101, 307, 1233, ?

1. 6161

2. 6185

3. 6171

4. 6165

Correct Option - 3

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Que. 23 In the following question, select the odd word from the given alternatives.

1. Car

2. Tire

3. Bus

4. Truck

Correct Option - 2

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Que. 24 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of

the given conclusions logically follow(s) from the statements.

Statements:

All computers are machines.

No television is a computer.

All televisions are instruments.

Conclusions:

I. Some instruments are machines.

II. Some machines are computers.

III. Some televisions are machines.

1. Only conclusion I follows

2. None of the conclusions follow

3. Only conclusions II and III follow.

4. Only conclusion II follows

Correct Option - 4

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Que. 25 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

SHGT, UFEV, WDCX, ?

1. ZABY

2. AZYB

3. ZAYB

4. YBAZ

Correct Option - 4

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Que. 26 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All trucks are cars.

No wheel is a car.

No car is a bus.

Conclusions:

I. No bus is a truck.

II. No wheel is a bus.

III. Some cars are trucks.

1. Both conclusions II and III follow.

2. Both conclusions I and III follow.

3. Both conclusions I and II follow.

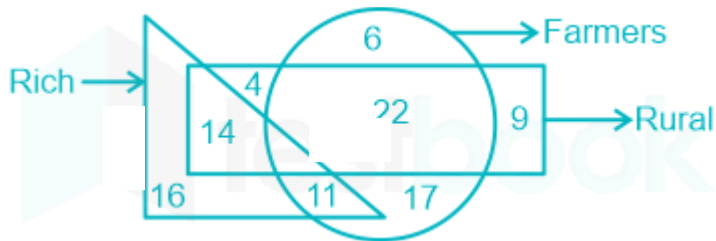
4. All the conclusions follow.

Correct Option - 2

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Que. 27 In the given diagram, the circle stands for 'farmers', the rectangle stands for 'rural', and the triangle stands for 'rich'. The numbers given in the different segments represent the number of persons of that category.

How many rural people are either farmers or rich but NOT both?



1.28

2.36

3.25

4.47

Correct Option - 2

Que. 28 Find the wrong term from the following series:

2, 3, 4, 6, 7, 10, 10, 15

1.15

2.10

3.7

4.6

Correct Option - 2

Que. 29 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow from the statements.

Statements:

1. No powder is a solid.
2. All lotions are solids.
3. All gases are lotions.

Conclusions:

- I. No solid is a gas.
- II. No gas is a powder.
- III. No lotion is a powder.
- IV. Some powders are lotions.

1. Only conclusions I, II and III follow
2. Only conclusions II and III follow
3. Only conclusions I, II and IV follow
4. Only conclusions II, III and IV follow

Correct Option - 2

Que. 30 Choose the correct alternatives from the given ones that will complete the series?

w\_uww\_ \_ w\_xuw\_x\_w

1. xuwuwx

2. xwuuxw

3. xxuwwu

4. xxwwuu

Correct Option - 3

Que. 31 In a class of 54 students, the number of girls is half the number of boys. Anita's rank is 19th from the top and seven girls rank above Anita. Anita's rank is above how many boys?

- 1.25
- 2.23
- 3.27
- 4.20

Correct Option - 1

Que. 32 In a certain code language "ADDITION" is written as "ZWWRGRLM", then what is the code for "HORRIBLE" written in that code language?

1. SLIRIYOV
2. SLIIYROV
3. SLIIRYOV
4. SLIIROYV

Correct Option - 3

Que. 33 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, decide which of the conclusions logically follows from the statements.

Statements:

$$P \geq R, R > T, T \leq A$$

Conclusions:

- I.  $P > A$
- II.  $T < P$

1. Either conclusion I or II follows.
2. Only conclusion I follows.
3. Only conclusion II follows.
4. Neither conclusion I nor II follows.

Correct Option - 3

Que. 34 In a certain code language, 'CURATIVE' is written as 'BSVDDUHS', How 'STEAMING' is to be written in the same code language?

1. BFUTFMHL
2. TUFBFMHL
3. BFUTLHMF
4. BFUTHOJN

Correct Option - 1

Que. 35 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statement:

In a T-20 cricket match, total wickets taken by a team were 9. Out of these, 6 wickets were taken by spinners.

Conclusion:

- A: 80% of the bowlers in the team were spinners.
- B. The opening bowlers of the team were spinners.

1. Both conclusion A and conclusion B follow.
2. Neither conclusion A nor conclusion B follows.

3. Only conclusion A follows.

4. Only conclusion B follows.

Correct Option - 2

Que. 36 Find the wrong number in the following number series:

1250, 500, 200, 80, 30

1. 500

2. 30

3. 1250

4. 80

Correct Option - 2

Que. 37 Directions: In a certain code language,

i. ~~Kempeka~~ *hp temsspeak the truth'*

ii. "~~bisais~~ *Hakalways seek knowledge*

iii. "~~timeems~~ *'sikknowledge is truth*

iv. "~~lkeais~~ *dpnever seek violence*

Which letter code stands for 'always'?

1. nak

2. tim

3. bis

4. zap

Correct Option - 1

Directions: In each of the following question, statement is given followed by two conclusions numbered I and II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions can be drawn definitely from the given statement.

~~Statement~~ The banking system in India has four tiers: (a) scheduled commercial banks, (b) regional rural banks, (c) co-operative banks, (d) payment banks and small finance banks.

Conclusions:

I. The scheduled commercial banks are the most significant category in India's banking system. II. India is planning to expand its banking network.

1. Only I follows.

2. Only II follows

3. Both I and II follow

4. Neither I nor II follows

Correct Option - 4

Que. 39 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

PRMV : KMHQ :: SQVM : ?

1. NLQH

2. NLPG

3. OMRJ

4. VXSB



Correct Option - 1

Que. 40 In a certain code language, "HARMS" is written as "81181319" and "FLUTE" is written as "61221205" How is "WOUND" written in that code language?

1. 21144152
2. 21441514
3. 231521144
4. 171921415

Correct Option - 3

Que. 41 Read the given statement and conclusions carefully. Assuming that the information in the statement is true, even if they appear to be in variance with commonly known facts, select which of the conclusions logically follow(s) from the statement beyond reasonable doubt.

Statement : The population of Japan has decreased by 1%, while its GDP has remained stagnant as compared to 1 year ago.

Conclusion I : The per capita GDP of Japan must have increased as compared to 1 year ago.

Conclusion II : Japan must be having more people older than 50 years than those under 50 years.

1. Only conclusion I follows.
2. Only conclusion II follows.
3. Both I and II follow.
4. Neither I nor II follows.

Correct Option - 1

Que. 42 In a specific code language, if COPPER is written as C15P16E18 and SULFUR is written as S2IL6U18, how will the word SODIUM be written?

1. SI5D9U21
2. S19D4U21
3. S15D9U13
4. S15D2IM13

Correct Option - 3

Que. 43 In a given question, relationship between different elements is shown in the statement. The statement is followed by two conclusions. Study the conclusions based on the given statements and select the correct answer.

Statements:

$U > H = G \geq N; E < N > W \geq O$

Conclusion:

I.  $G > E$

II.  $H > N$

1. Either conclusion I or II is true
2. Only conclusion I is true
3. Neither conclusion I nor conclusion II is true
4. Only conclusion II is true

Correct Option - 2

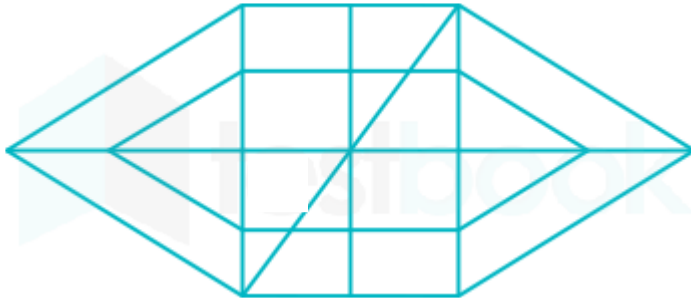
Que. 44

Pointing towards a girl, a teacher said, “she is the only daughter of the only son of the wife of the father-in-law of my wife”. How is she related to the teacher ?

1. Niece
2. Daughter
3. Sister
4. Daughter-in-law

Correct Option - 2

Que. 45 How many triangles are there in the given figure?



- 1.20
- 2.22
- 3.26
- 4.24

Correct Option - 3

Que. 46 The series given below contains a sequence of alphabets and numbers. Identify the incorrect combination:

- i. nbryt76bnuuw
- ii. nbryt76bnuuw
- iii. nbryt76bnuuw
- iv. nbryt76bnuw

- 1.i
- 2.ii
3. iii
- 4.iv

Correct Option - 4

Que. 47 In these questions, select the related letters / word / number / figure from the given alternatives.

5 : 30 :: 10 : ?

1. 105
2. 147
- 3.80
4. 127

Correct Option - 1

Que. 48 In the following question below some statements are given followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions, and then decide which of the given conclusions logically follows the given statements.

Statements

Some Jug are Mug.

All Mug are Water.

No Water is Milk.

Conclusion

I. Some Jug are Water.

II. Some Mug are Milk.

III. No Mug are Milk.

- 1. Only I and II follow
- 2. All follow
- 3. Only II and III follow
- 4. Only I and III follow

Correct Option - 4

Que. 49A woman is pushing a trolley in a mall. She starts and walks 110 m southwards, then she turns eastwards and walks 80 m, then she turns northwards and walk 120 m, then she turns westwards and walks 120 m then she turns to her left and walks 10 m. Where is she now with reference to her starting position?

- 1. 40 m eastwards
- 2. 200 m westwards
- 3. 200 m eastwards
- 4. 40 m westwards

Correct Option - 4

Que. 50 Among the four answer figures, which one/ones of them can be formed from the cut out pieces given below.



4.



Correct Option - 4

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Que. 51 If  $x = 3$  is a root of the polynomial,  $f(x) = 4x^3 + 2x^2 + 5x - a$ . Find the value of  $a$ .

- 1. 123
- 2. 141
- 3. 136
- 4. 189

Correct Option - 2

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Que. 52 If  $x^4 + x^{-4} = 1154$  then the value of  $x + x^{-1}$  is:

- 1. 5
- 2. 12
- 3. 6
- 4. 8

Correct Option - 3

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Que. 53 If  $x^2 - 4x + 1 = 0$ , then what is the value of  $x^2 + \frac{1}{x^2}$ ?

- 1. 18
- 2. 14
- 3. 15
- 4. 16

Correct Option - 2

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Que. 54 If  $a + b = 5$  and  $ab = 6$ , then what is the value of  $a^2 - b^2$ ?

- 1. 9
- 2. 4
- 3. 5
- 4. 11

Correct Option - 3

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Que. 55 What is average of first 8 even numbers?

- 1. 9
- 2. 10
- 3. 11
- 4. 12

Correct Option - 1

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Que. 56 Find the average of first 50 natural numbers.

- 1. 22

2. 25.5

3. 27.5

4. 25

Correct Option - 2

Que. 57 What should come in place of the question mark '?' in the following number series?

12, 16, 25, 41, 66, ?

1. 122

2. 106

3. 101

4. 102

Correct Option - 4

Que. 58 What percentage of numbers from 1 to 50 have 1 or 9 in the unit's digit?

1. 18

2. 21

3. 15

4. 20

Correct Option - 4

Que. 59 HCF of  $(x^2 + 4x + 4)$  and  $(3x^2 - 12)$  is

1.  $x + 1$

2.  $x + 2$

3.  $x + 3$

4.  $x + 4$

Correct Option - 2

Que. 60 Which of the following number is divisible by 15?

1. 32575

2. 62870

3. 69815

4. 79185

Correct Option - 4

Que. 61 A container contains 990 liters of oil. How much more oil should be added so that the volume of the oil is the smallest 4-digit perfect square number?

1. 124 liters

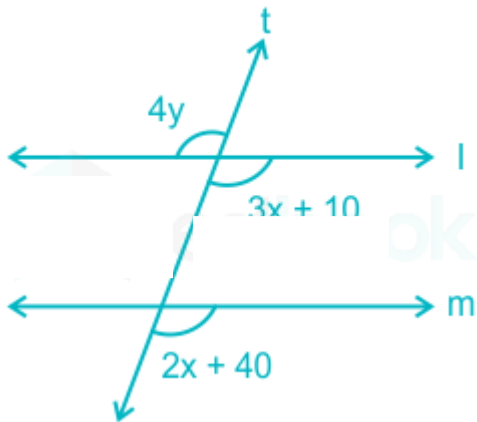
2. 104 liters

3. 166 litres

4. 130 liters

Correct Option - 3

Que. 62 In the adjoining figure,  $l \parallel m$  and 't' is the transversal. Find the values of  $(x - y)$ .



1.  $20^\circ$

2.  $5^\circ$

3.  $10^\circ$

4.  $15^\circ$

Correct Option - 2

Que. 63 Find the compound interest calculated annually when sum of Rs. 15000 invested at a rate of interest 20% for two years.

1. Rs. 6200

2. Rs. 7000

3. Rs. 6600

4. Rs. 7200

Correct Option - 3

Que. 64 Find the approximate amount on a sum of Rs. 2000 at the rate 11% per annum compounded annually for 3 years.

1. Rs. 2356

2. Rs. 2735

3. Rs. 3456

4. Rs. 4532

Correct Option - 2

Que. 65 25 litres mixture contains milk and water in ratio of 3 : 2. If the quantity of milk in the mixture is 15 litres. What is the quantity of water?

1. 12 litres

2. 13 litres

3. 14 litres

4. 10 litres

Correct Option - 4

Que. 66 When  $0.232323\dots$  is converted into a fraction, then it is equal to:

1.  $\frac{23}{90}$

2.  $\frac{23}{100}$

3.  $\frac{23}{99}$

4. None of the above

5.

6.

7.

Correct Option - 3

Que. 67 If a product is sold on 10% profit and the selling price Rs. 330, then cost price of the product is

1. Rs. 360

2. Rs. 363

3. Rs. 297

4. Rs. 300

Correct Option - 4

Que. 68 Find the difference of the place value and face value of 5 in 2346754.

1. 35

2. 40

3. 45

4. 55

Correct Option - 3

Que. 69 A kid Roshan multiplied a number by  $\frac{3}{5}$  instead of  $\frac{5}{3}$ . Find the percentage error in his calculation.

1. 60

2. 65

3. 64

4. 68

Correct Option - 3

Que. 70 The diagonal of a rectangular field is 10 metre and the perimeter is 28 metre, then what will be the area of the field?

1. 96 cm<sup>2</sup>

2. 28 cm<sup>2</sup>

3. 48 cm<sup>2</sup>

4. 72 cm<sup>2</sup>

Correct Option - 3

Que. 71 Diagonal of square is  $4\sqrt{2}$  cm. Find its area.

1. 15 cm<sup>2</sup>

2. 16 cm<sup>2</sup>

3. 12 cm<sup>2</sup>

4. 14 cm<sup>2</sup>

Correct Option - 2

Que. 72 What will be the ratio between the area of a triangle and area of a rectangle with having one of the sides of rectangle as base of the triangle and a vertex of the triangle on the opposite side of the rectangle?

1. 1 : 2

2. 2 : 1

3.3 : 1

4.1 : 1

Correct Option - 1

Que. 73 A cone of height 12 cm and a slant height of 13 cm is full of water. Find the volume of water.

1.  $150\pi \text{ cm}^3$

2.  $120\pi \text{ cm}^3$

3.  $100\pi \text{ cm}^3$

4.  $80\pi \text{ cm}^3$

Correct Option - 3

Que. 74 The cost price of 30 articles is the same as the selling price of 24 articles. If the profit is  $x\%$ , then the value of  $x$  is:

1. 18

2. 30

3. 25

4. 24

Correct Option - 3

Que. 75 The marked price of an article is Rs. 400. After allowing a discount of 20% on the marked price, a shopkeeper makes a loss of Rs. 48. His loss percentage is:

1.  $13\frac{1}{23}\%$

2.  $15\frac{1}{23}\%$

3.  $17\frac{1}{23}\%$

4.  $14\frac{1}{23}\%$

Correct Option - 1

Que. 76 If three numbers are in ratio of 4 : 5 : 6 and the sum of the numbers is 225. Find the middle number?

1. 75

2. 65

3. 90

4. 60

Correct Option - 1

Que. 77 What will come in place of the question mark?

$$100 - [10 + \{10 - (20 - 15)\}] = ?$$

1. 85

2. 70

3. 65

4. 80

Correct Option - 1



Que. 78 The value of  $90 \div 20$  of  $6 \times [11 \div 4$  of  $\{3 \times 2 - (3 - 8)\}] \div (9 \div 3 \times 2)$  is:

1.9  
8 —

2.1 —

36 —

3.1 —

32 —

4.3

8

Correct Option - 3

Que. 79 Simplify:  $8 + 5$  of  $6$  of  $3 - 9$

1.90

2.89

3.88

4.84

Correct Option - 2

Que. 80 If a person moves  $\frac{2}{3}$  km. in 5 minutes, then his speed in km/hour will be:

1.7

2.8

3.6

4.5

Correct Option - 2

Que. 81 A train 80 meters long is running at 108 km/hr. The time that the train will take to pass a platform of 130 meters long is (in seconds)

1.12

2.10

3.8

4.7

Correct Option - 4

Que. 82 A bus goes from A to B at a speed of 30 km/h, then he returns from there at a speed of 40 km/h then, find the average speed of the bus?

1.34.28 km/h

2.24.20 km/h

3.42 km/h

4.37 km/h

Correct Option - 1

Que. 83 20 men and 15 boys can do a piece of work in 10 days. 25 men and 10 boys can do it in 9 days. Find the ratio of the daily work done by a man to that of a boy.

1.5 12

2.5 14 .

3.12 5 .

4.14 5 .

Correct Option - 3

Que. 84 A and B together can do a piece of work in 4 days, B and C can do it in 6 days, A and C can do it in 8 days. Then A, B and C together can do the same work in :-

- 1.50 days
- 2.60 days
- 3.48/13 days
- 4.45 days

Correct Option - 3

Que. 85 If 5 boys write 5 pages in 5 minutes, then 3 boys will write 3 pages in

- 1.1 minute
- 2.3 minute
- 3.5 minute
- 4.9 minute

Correct Option - 3

Que. 86 The control centers that regulate hunger, water balance and body temperature are located in the?

1. Thalamus
2. Pons
3. Medulla oblongata
4. Hypothalamus

Correct Option - 4

Que. 87 Who discovered Malaria Parasite?

1. Ronald Ross
2. Charles Louis Alphonse Laveran
3. Louis Pasteur
4. James Watson

Correct Option - 2

Que. 88 Which of the following is also known as calciferol?

1. Vitamin D
2. Vitamin C
3. Protein
4. Folic Acid

Correct Option - 1

Que. 89 During heavy exercise, the supply of blood increases towards

1. Brain
2. Skeletal Muscle
3. Skin
4. Kidneys

Correct Option - 2

Que. 90 Sound intensity is measured by?

1. Decibel
2. Diopter
3. Parsec
4. None of these

Correct Option - 1

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Que. 91 Size of cells are measured in\_\_\_\_\_.

1. Millimetre
2. Centimetre
3. Metre
4. Microns

Correct Option - 4

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Que. 92 Which tissue is responsible for flexibility in plants?

1. Collenchyma
2. Sclerenchyma
3. Parenchyma
4. Corenchyma

Correct Option - 1

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Que. 93 Cytology is related to the study of:

1. bacteria
2. plants
3. fungus
4. cells

Correct Option - 4

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Que. 94 Chemical name of baking soda is

1. calcium phosphate
2. sodium chloride
3. baker's yeast
4. sodium bicarbonate

Correct Option - 4

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Que. 95 Malic acid is found in \_\_\_\_\_.

1. Vinegar
2. Red ants
3. Apples
4. Milk

Correct Option - 3

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Que. 96 Which is the formula of propane molecule?

- 1 CH<sub>4</sub>
- C<sub>2</sub>H<sub>6</sub>
- 2
-

3. C<sub>3</sub>H<sub>8</sub>

4. C<sub>4</sub>H<sub>10</sub>

Correct Option - 3

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Que. 97 Impure water can be made pure

1. by adding alum
2. by boiling
3. both a and b
4. none of these

Correct Option - 3

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Que. 98 Which one of the following statements about phloem is correct?

1. Phloem transports water and minerals.
2. Phloem transports photosynthetic products.
3. Phloem is a simple tissue.
4. Phloem gives support to the plant.

Correct Option - 2

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Que. 99 Which of the following is a parasitic plant?

1. Mosses
2. Cuscuta
3. Geranium
4. None of the above

Correct Option - 2

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Que. 100 The cause of mirage is

1. Interference of light
2. Diffraction of light
3. Polarisation of light
4. Total internal reflection of light

Correct Option - 4