175 Questions

Que. 1 Which of the following is a solid?
1. Chloroform
2. Iodoform
3. Ethyl Alcohol
4. Ether

Solution Correct Option - **2**

Que. 2 Of the following types of electromagnetic radiation, which has the longest wavelength?
1. ultraviolet rays
2. gamma rays
3. radio waves
4. infrared waves

Solution Correct Option - **3**

Que. 3 Which among the following is not a nitrogenous fertilizer?
1. Ammonium Sulphate
2. Calcium Cyanamide
3. Superphosphate of Lime
4. Urea

Solution Correct Option - **3**

Que. 4 When common salt is mixed with ice, the freezing point:
1. is lowered
2. is raised
3. remains unaffected
4. is first lowered and then raised

Solution Correct Option - **2**

Que. 5 Calamine is an ore of:
1. Tin
2. Magnesium
3. Zinc
4. Copper

Solution Correct Option - **3**

Que. 6 Sound cannot pass through?
1. Water
2. Steel
3. Air
4. Vacuum

Solution Correct Option - **4**

Que. 7 The disease scurvy occurs because of the lack of which of the following vitamin in human body?
1. Vitamin A
2. Vitamin B
3. Vitamin C
4. Vitamin D

Solution Correct Option **- 3**

Que. 8 The age of a tree can be ascertained by_____
1. by its weight
2. by its height
3. by its annual rings
4. the depth to which its roots have penetrated

Solution Correct Option **- 3**

Que. 9 The process by which solar energy is converted to the chemical energy of carbohydrates is known as:
1. Calvin cycle
2. Photosynthesis
3. Chlorosynthesis
4. Dark reaction

Solution Correct Option **- 2**

Que. 10 From which part of plant is turmeric, a commonly used colourant and antiseptic obtained?
1. Root
2. Stem
3. Fruit
4. Flower

Solution Correct Option **- 2**

Que. 11 Element that is not found in blood is _____.
1. Iron
2. Copper
3. Chromium
4. Magnesium

Solution Correct Option **- 3**

Que. 12 Which of the following diseases usually spreads through milk?
1. Tuberculosis
2. Jaundice
3. Diphtheria
4. Cholera

Solution Correct Option **- 1**

Que. 13 Oranges are rich source of:

1. Carbohydrates
2. Fats
3. Proteins
4. Vitamins

Solution   Correct Option - **4**

Que. 14 Who is credited with the discovery of Electron?
1. E. Goldstein
2. J. J. Thomson
3. James Chadwick
4. Rutherford

Solution   Correct Option - **2**

Que. 15 A current flowing through a conductor is:
1. Directly proportional to the potential difference
2. Directly proportional to the resistance
3. Inversely proportional to the voltage.
4. None of the above.

Solution   Correct Option - **1**

Que. 16 The characteristic smell of onion bulbs is due to:
1. Bad odour of soil, where grown
2. Sulphur compounds
3. Sugar
4. Reserve carbohydrates

Solution   Correct Option - **2**

Que. 17 Washing Soda, used to soften water domestically, is actually:
1. calcium bicarbonate
2. sodium carbonate
3. sodium bicarbonate
4. calcium carbonate

Solution   Correct Option - **2**

Que. 18 Soya bean is rich in:
1. proteins
2. carbohydrates
3. fats
4. minerals

Solution   Correct Option - **1**

Que. 19 Which of the following can fly?
1. hornbill
2. ostrich

3. emu
4. penguin

Solution Correct Option - **1**

Que. 20 The filament of an electrical bulb is made out of:
1. Copper
2. Aluminium
3. Tungsten
4. Alloy

Solution Correct Option - **3**

Que. 21 When an iron nail gets rusted, the weight of the nail:
1. increases
2. decreases
3. neither increases nor decreases
4. None of the above.

Solution Correct Option - **1**

Que. 22 The vitamin that is found in citrus food such as lemon and oranges is:
1. vitamin C
2. vitamin A
3. vitamin B
4. vitamin D

Solution Correct Option - **1**

Que. 23 Who discovered neutron, one of the constituent particles of nucleus of an atom?
1. Madam Curie
2. Rutherford
3. James Chadwick
4. Max Planck

Solution Correct Option - **3**

Que. 24 In a refrigerator, the refrigerant is:
1. nitrogen
2. oxygen
3. chlorine
4. Freon

Solution Correct Option - **4**

Que. 25 What is the chemical name of vitamin B_2?
1. Thiamin
2. Retinol
3. Ascorbic Acid
4. Riboflavin

Solution   Correct Option **- 4**

Que. 26 | The reorganization of states on linguistic basis was done in_____.
1.   1950
2.   1951
3.   1952
4.   1956

Solution   Correct Option **- 4**

Que. 27 | The island of Honshu in Japan is famous for_____.
1.   Coal
2.   Iron ore
3.   Oil
4.   Diamonds

Solution   Correct Option **- 3**

Que. 28 | Which Governor General was called as the Father of Local Self-Government in India?
1.   Lord Wellesley
2.   Lord Canning
3.   Lord William Bentick
4.   Lord Ripon

Solution   Correct Option **- 4**

Que. 29 | Who among the following proposed the suggestion for a Constituent Assembly first in 1934?
1.   Nehru
2.   Gandhi
3.   J. P. Narayan
4.   M. N. Roy

Solution   Correct Option **- 4**

Que. 30 | In present day computing, which code is used and is accepted worldwide?
1.   ASCII
2.   Hollerith Code
3.   EBCDIC
4.   ISCII

Solution   Correct Option **- 1**

Que. 31 | The novel 'When the River Sleeps' is written by?
1.   Arundhati Roy
2.   Vikram Seth
3.   Shobhaa De
4.   Easterine Kire

Solution   Correct Option **- 4**

Que. 32 How many categories Nobel Prize Awards are awarded each year?

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

Solution Correct Option **- 4**

Que. 33 Who invented the 'World Wide Web'?

1. Tim Berners-Lee
2. Martin Cooper
3. R. Samuel Tomlinson
4. Charles Babbage

Solution Correct Option **- 1**

Que. 34 Jallikattu is associated with:

1. Trichur
2. Karthigai
3. Onam
4. Pongal

Solution Correct Option **- 4**

Que. 35 Subramania Bharati was a noted_____.

1. Boxer
2. Swimmer
3. Poet
4. Painter

Solution Correct Option **- 3**

Que. 36 Which Freedom Fighter addressed Mahatma Gandhi as "Father of the Nation" for the 1st time?

1. Jawaharlal Nehru
2. Subhash Chandra Bose
3. Sarojini Naidu
4. Chandra Shekhar Azad

Solution Correct Option **- 2**

Que. 37 Who is the author of the book, 'A Suitable Boy'?

1. Vikram Seth
2. Arun Shourie
3. Amrita Pritam
4. Mahashweta Devi

Solution Correct Option **- 1**

Que. 38 Nepali is primarily spoken in which State?

1. Karnataka

2. Rajasthan
3. Sikkim
4. Andhra Pradesh

Solution Correct Option - **3**

Que. 39 Which film won the Best Foreign Language Film in 2016 Oscar?
1. Son of Saul
2. Embrance of the Serpent
3. Mustang
4. A War

Solution Correct Option - **1**

Que. 40 K. Srikanth has won Arjuna Award for which sport in India?
1. Badminton
2. Billiards
3. Boxing
4. Chess

Solution Correct Option - **1**

Que. 41 Famous Khajuraho Group of Monuments is in which state?
1. Uttar Pradesh
2. Madhya Pradesh
3. Rajasthan
4. Maharashtra

Solution Correct Option - **2**

Que. 42 Doordarshan was founded in which year?
1. 1939
2. 1949
3. 1959
4. 1969

Solution Correct Option - **3**

Que. 43 Buland Darwaza was built by_____.
1. Humayun
2. Akbar
3. Babur
4. Aurangzeb

Solution Correct Option - **2**

Que. 44 LeBron James plays which International Sport?
1. Golf
2. Baseball
3. Basketball

4. Boxing

Solution Correct Option **- 3**

Que. 45 Which of the following gas leaked in the Bhopal Gas tragedy in December 1984?

1. Methyl isocyanate
2. Methyl isochlorate
3. Methyl phosphate
4. Methyl isopropane

Solution   Correct Option **- 1**

Que. 46 Major portion of the earth's crust is mainly constituted of :

1. Oxygen and Iron
2. Oxygen and Silicon
3. Silicon and Iron
4. Silicon and Aluminium

Solution   Correct Option **- 2**

Que. 47 Who was appointed by Akbar as his Court Musician?

1. Abul Fazal
2. Miyan Tansen
3. Raja Birbal
4. Raja Todar Mal

Solution   Correct Option **- 2**

Que. 48 To be a voter in India, what is the minimum qualifying age?

1. 24 Years
2. 22 Years
3. 20 Years
4. 18 Years

Solution   Correct Option **- 4**

Que. 49 From which monument, Gautama Buddha propagated his divine knowledge of Buddhism to the world?

1. Humayun's Tomb
2. Mahabodhi Temple Complex
3. Qutub Minar
4. Red Fort Complex

Solution   Correct Option **- 2**

Que. 50 How many seats are reserved for representatives of Scheduled Castes and Scheduled Tribes in Lok Sabha?

1. 39
2. 85
3. 109
4. 131

Solution Correct Option - **4**

Que. 51 Which world heritage site comprises of the Alai Darwaza Gate?
1. Humayun's Tomb
2. Mahabodhi Temple Complex
3. Qutub Minar
4. Red Fort Complex

Solution Correct Option - **3**

Que. 52 Konkani is the official language of ....
1. Chandigarh
2. Dadra and Nagar Haveli
3. Daman and Diu
4. Delhi

Solution Correct Option - **3**

Que. 53 Which State in India has the longest coastline?
1. Kerala
2. Tamil Nadu
3. Maharashtra
4. Gujarat

Solution Correct Option - **4**

Que. 54 The tenure of the members of Lok Sabha is for how many years?
1. 11
2. 9
3. 7
4. 5

Solution Correct Option - **4**

Que. 55 Who wrote the book-"The Test of My Life"?
1. Yuvraj Singh
2. Sachin Tendulkar
3. Brian Lara
4. Adam Gilchrist

Solution Correct Option - **1**

Que. 56 ASP in computer science stands for?
1. Abstract Service Provider
2. Application System Provider
3. Application Signal Provider
4. Active Server Pages

Solution Correct Option - **4**

Que. 57 Abu Dhabi is the capital city of?

1. United Arab Emirates
2. Netherlands
3. South Korea
4. Italy

Solution Correct Option **- 1**

Que. 58 Who is the Chairman of NITI Aayog?

1. President
2. RBI Governor
3. Finance Secretary
4. Prime Minister

Solution Correct Option **- 4**

Que. 59 Who is the author of the book "My Truth"?

1. Khuswant Singh
2. Kiran Bedi
3. Narendra Modi
4. Indira Gandhi

Solution Correct Option **- 4**

Que. 60 Tertali is a folk dance of _____.

1. Chhattisgarh
2. Madhya Pradesh
3. Manipur
4. Rajasthan

Solution Correct Option **- 2**

Que. 61 Qutub Minar is located in_____.

1. Delhi
2. Ghaziabad
3. Noida
4. Gurugram

Solution Correct Option **- 1**

Que. 62 Indian Constitution, at the time of its completion, was made up of how many words?

1. 40000
2. 60000
3. 80000
4. 120000

Solution Correct Option **- 3**

Que. 63 Who won the 2016 men's singles Wimbledon championship?

1. Novak Djokovic

2. Andy Murray
3. Roger Federer
4. Milos Raonic

Solution Correct Option - **2**

Que. 64 Panaji is the capital of which Indian State?
1. Chhattisgarh
2. Goa
3. Himachal Pradesh
4. Jharkhand

Solution Correct Option - **2**

Que. 65 Aurangzeb was the son of_____.
1. Babur
2. Humayun
3. Akbar
4. Shah Jahan

Solution Correct Option - **4**

Que. 66 Who was the first Speaker of Lok Sabha?
1. G. V. Mavalankar Ayyanger
2. Sarvepalli Radhakrishnan
3. M. Ananthasyanam Ayyanger
4. Dr. P. V. Cherian

Solution Correct Option - **1**

Que. 67 Panch Mahal is situated in_____.
1. Hawa Mahal
2. Gwalior Fort
3. Fatehpur Sikri
4. Agra Fort

Solution Correct Option - **3**

Que. 68 Male is the Capital of _____.
1. Algeria
2. Maldives
3. Kenya
4. Mauritius

Solution Correct Option - **2**

Que. 69 Which Union Territory has achieved the feat of becoming the first and only one in India that runs fully on solar energy?
1. Chandigarh
2. Andaman and Nicobar

3. Puducherry
4. Diu

Solution   Correct Option - **4**

Que. 70   Which country led the medal tally in the 2018 Commonwealth Games held at Gold Coast, Australia?

1. USA
2. Sweden
3. New Zealand
4. Australia

Solution   Correct Option - **4**

Que. 71   Who won the gold medal in the women's 10 m air pistol at the International Shooting Competitions of Hannover (ISCH)?

1. P. Shri Nivetha
2. Heena Sindhu
3. Manu Bhaker
4. Anjali Bhagwat

Solution   Correct Option - **2**

Que. 72   140° N latitude acts as demarcation line between_____.

1.   North and South Vietnam
2. Egypt and Sudan
3. North and South Korea
4. USA and Canada

Solution   Correct Option - **1**

Que. 73   An international movement with its motto to save the world by involving itself with environmental problems is:

1. Green-field
2. Green-peace
3. Clean-En
4. Eco-friend

Solution   Correct Option - **2**

Que. 74   Who amongst the following is the author of the book 'Name Sake'?

1.   Vikram Seth
2. Jhumpa Lahiri
3. Kiran Dessai
4. Shobha De

Solution   Correct Option - **2**

Que. 75   Kudankulam Project is located in which state?

1.   Karnataka
2. Tamil Nadu

3. Telangana

4. Kerala

Solution   Correct Option - **2**

Que. 76   Four friends ABCD are sitting in a coffee shop. A and B are sitting face to face. D is not sitting next to A but can see the facial expression of A clearly. B is talking to C who is sitting opposite to him. Who are sitting together?

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

Solution   Correct Option - **1**

Que. 77   In each of the following questions, two statements are given each followed by two Conclusion/assumptions, I and II. You have to consider the statement to be true even if they seem to be at variance with commonly known facts. You have to decide which of the given Conclusion, assumptions, if any, follow/follows from the given statements.

(Statements):

(I) The principal will address the students at 10 a.m.

(II) You are requested to take your seats before 10 a.m.

(Assumptions):

(I) If the student is not on his seat before 10 a. m. the function will not start.

(II) The function will start as scheduled.

1. Assumption II is implicit
2. Neither I nor II is implicit
3. Both I and II are implicit
4. Assumption I is implicit

Solution   Correct Option - **1**

Que. 78   (Statements):

   (I) Regular polygon has equal sides and equal angles.

(II) Square is a regular polygon.

(Conclusion):

(I) Square has equal sides.

(II) Square has equal angles.

1. Conclusion II follows.
2. Conclusion I and II both follows
3. Neither I nor II follows
4. Conclusion I follows

Solution   Correct Option - **2**

Que. 79   The price of onions is shown below for every fifteen. Find the price in Feb. 3rd week.

Duration	December First week	December Third week	January First week	January Third week	February First week	February Third week
Price	20	60	40	120	100	?

1. 140
2. 300
3. 180
4. 320

Solution Correct Option - **2**

Que. 80	Select the missing number from the given responses:

1, 4, 2, 3, 2, ?

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

Solution   Correct Option - **3**

Que. 81	Five friends 'P', 'Q', 'R', 'S' and 'T' are sitting in a row facing North. Here 'S' is between 'T' and 'Q' and 'Q' is to the immediate left of 'R'. 'P' is to the immediate left of 'T'. Who is in the middle?

1. S
2. T
3. Q
4. R

Solution   Correct Option - **1**

Que. 82	Select the odd word from the given alternatives:

1. Night blindness
2. Scurvy
3. Beriberi
4. AIDS

Solution   Correct Option - **4**

Que. 83	Farhan scored more runs than Raju. Simran scored more runs than Nitu but lesser runs than Raju. Who scored the highest runs?

1. Nitu
2. Farhan
3. Simran
4. Raju

Solution   Correct Option - **2**

Que. 84	Select the related number from the given alternatives:

8 : 32 :: 6 : ?

1. 31
2. 22
3. 18
4. 21

Solution   Correct Option - **3**

Que. 85 | Rajan and Manu went to a market. Rajan bought 3 erasers and 5 pens for Rs. 105 and Manu bought 4 erasers and 6 pens for Rs. 130. What is the price of one eraser?

1. Rs. 25
2. Rs. 20
3. Rs. 10
4. Rs. 21

Solution   Correct Option **- 3**

Que. 86 | A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

AN, DQ, GT, JW, ?

1. M A
2. NZ
3. M Z
4. LY

Solution   Correct Option **- 3**

Que. 87 | The first of April is a Wednesday. What day of the week will it be on the first of May of the same year?

1. Saturday
2. Friday
3. Sunday
4. Monday

Solution   Correct Option **- 2**

Que. 88 | Rahul's school is in the north-east direction from his house. In which direction, is his house from his school?

1. North-West
2. South-West
3. South-East
4. West

Solution   Correct Option **- 2**

Que. 89 | Choose the odd word from the given alternatives:

1. Red
2. Blue
3. Yellow
4. White

Solution   Correct Option **- 4**

Que. 90 | A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

DP, EY, FJ, ?

1. GX
2. GS

3. GT

4. GW

Solution Correct Option - **4**

Que. 91 C has more money than E and E has more money than B. C is the Second richest after A. Who has the least money out of A, B, C and E?

1. C

2. A

3. B

4. E

Solution Correct Option - **3**

Que. 92 Which one of the given response would be a meaningful order of the following?

1. Key

2. Door

3. Lock

4. Room

1. 4, 2, 1, 3

2. 1, 2, 3, 4

3. 1, 3, 2, 4

4. 1, 2, 4, 3

Solution Correct Option - **3**

Que. 93 The present ages of Vikas and Sujit are in the ratio of 5:4 respectively. Three years hence, the ratio of their ages will become 11:9 respectively. What is Sujit's present age in years?

1. 6

2. 24

3. 18

4. 27

Solution Correct Option - **2**

Que. 94 If NAME is coded as MZLD, how will CLAIM be coded?

1. BKZHL

2. BKZHI

3. BKYHL

4. BKZII

Solution Correct Option - **1**

Que. 95 A man facing south turns to his left and walk 10 metre, then he turns to his right and walk 15 metre, again he turns to his left and walk 5 metre and then he turns to his left and walk 15 metre. In which direction he is facing now?

1. West

2. North

3. South

4. East

Solution Correct Option - **2**

Que. 96 Some equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.

$5 + 7 + 2 = 725, 6 + 9 + 0 = 906, 8 + 4 + 3 = ?$

1. 815
2. 384
3. 438
4. 834

Solution Correct Option - **3**

Que. 97 Find out the odd number from the given alternatives:

1. 125
2. 512
3. 1321
4. 1728

Solution Correct Option - **3**

Que. 98 Some equations have been solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.

If $29 \times 13 = 14, 76 \times 26 = 34$, then $64 \times 14 = ?$

1. 39
2. 32
3. 26
4. 54

Solution Correct Option - **3**

Que. 99 What do you infer from the following set of statements?

I have observed many plant roots. All these plant roots were found to grow downward.

1. I am a botanist.
2. Some plant roots grow downward
3. A plant root grows downward
4. Most of the plant roots grow downward

Solution Correct Option - **4**

Que. 100 Eight friends A, B, C, D, E, F, G and H are sitting around a round table in the same order at equal distance and facing the center. Their positions are in clockwise direction. If G, who is sitting in the North exchanges seat with C and B exchanges seat with F. Now who is sitting to the right of F?

1. A
2. G
3. E
4. B

Solution Correct Option - **1**

Que. 101 A shepherd had 17 sheep. All but nine died. How many sheep are left?

1. 9
2. 8
3. 7
4. 10

Solution Correct Option **- 1**

| Que. 102 | Tina drives 45 kms toward East, turns right and drives 65 kms, then turns left and drives 33 kms. In which directions is she facing now? |

1. East
2. North
3. West
4. South

Solution   Correct Option **- 1**

| Que. 103 | Select the related number from the given alternatives: |

534 : 645 :: 381 : ?

1. 446
2. 486
3. 492
4. 412

Solution   Correct Option **- 3**

| Que. 104 | Five friends sitting on a bench facing the north. Ankit is sitting to the immediate right of Anjum. Amit is sitting to the left to Priya and to the immediate right of Ram. Ram is sitting to the right of Ankit. Who is sitting at the extreme right end? |

1. Amit
2. Ankit
3. Priya
4. Anjum

Solution   Correct Option **- 3**

| Que. 105 | A girl leaves from her home. She first walks 30 m in North-West direction and then 30 m in South-West direction. Next she walks 30 m is South-East direction. Finally, she turns towards her house. In which direction is she moving? |

1. North-West
2. South-East
3. South-West
4. North-East

Solution   Correct Option **- 4**

| Que. 106 | Find out the wrong number in the sequence: |

40960, 10240, 2560, 640, 200, 40, 10

1. 2560
2. 200
3. 640

4.   40

Solution   Correct Option - **2**

Que. 107   The simplified value of following
$$\left(\frac{3}{15}a^5b^6c^3 \times \frac{5}{9}ab^5c^4\right) \div \frac{10}{27}a^2bc^3$$

1. $\frac{9a^2bc^4}{10}$
2. $\frac{3ab^4c^3}{10}$
3. $\frac{3a^4b^{10}c^4}{10}$
4. $\frac{1a^4b^4c^4}{10}$

Solution   Correct Option - **3**

Que. 108   If $1^3 + 2^3 + ... + 10^3 = 3025$, then the value of $2^3 + 4^3 + ... + 20^3$ is:

1.   7590
2.   5060
3.   24200
4.   12100

Solution   Correct Option - **3**

Que. 109   ΔABC, ∠B = 60°, ∠C = 40°, AD and AE are respectively the bisector of ∠A and perpendicular on BC. The measure of ∠EAD is:

1.   11°
2.   10°
3.   12°
4.   9°

Solution   Correct Option - **2**

Que. 110   If 20 women can lay a road of length 100 m in 10 days. Then 10 women can lay the same road of length 50 m in:

1.   20 days
2.   15 days
3.   5 days
4.   10 days

Solution   Correct Option - **4**

Que. 111   If $a + \frac{1}{b} = 1$ and $b + \frac{1}{c} = 1$, then $c + \frac{1}{a}$ is equal to:

1. $\frac{1}{2}$
2.   2
3.   1
4.   0

Solution   Correct Option - **3**

Que. 112   The average of 13 results is 70. The average of first seven is 65 and that of the last seven is 75, the seventh result is

1. 67
2. 70
3. 69
4. 70.5

Solution Correct Option - **2**

| **Que. 113** | A number between 1000 and 2000 which when divided by 30, 36 and 80 gives a remainder 11 in each case is: |

1. 1451
2. 1641
3. 1712
4. 1523

Solution   Correct Option - **1**

| **Que. 114** | Work done by (x + 4) men in (x + 5) days is equal to the work done by (x - 5) men in (x + 20) days. Then the value of x is: |

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

Solution   Correct Option - **1**

| **Que. 115** | The average marks of 50 students in a class is 72. The average marks of boys and girls in that subject are 70 and 75 respectively. The number of boys in the class is: |

1. 20
2. 35
3. 25
4. 30

Solution   Correct Option - **4**

| **Que. 116** | Two trains start at the same time from Aligarh and Delhi and proceed to Wards each other at the rate of 14 km and 21 km per hour respectively. When they meet, it is found that one train has travelled 70 km more than the other. The distance between two stations is: |

1. 350 km
2. 210 km
3. 300 km
4. 140 km

Solution   Correct Option - **1**

| **Que. 117** | If (2, 0) is a solution of the linear equation 2x + 3y = k, then the value of k is: |

1.   6
2. 5
3. 2
4. 4

Solution   Correct Option - **4**

Que. 118 The side BC of a triangle ABC is produced to D. If ∠ ACD = 112° and ∠ B = $\frac{3}{4}$ ∠ A, then the measure of ∠ B is:

1. 30°
2. 48°
3. 45°
4. 64°

Solution   Correct Option - **2**

Que. 119 If $\frac{3}{4}$ th of Rs. 100 is larger than $\frac{3}{4}$ % of Rs. 100, then value of percent increment is:

1. 99
2. 90
3. 75
4. 25

Solution   Correct Option - **1**

Que. 120 If the length of a diagonal of 6√2 square is a cm, then its area will be::

1. 24 cm^2
2. 36 cm^2
3. 76 cm^2
4. 24√2 cm^2

Solution   Correct Option - **2**

Que. 121 If $\left(a + \frac{1}{a}\right)^2 = 3$, then find the value of

$a^{30} + a^{24} + a^{18} + a^{12} + a^6 + 1$

1. 27
2. 1
3. -1
4. 0

Solution   Correct Option - **4**

Que. 122 In ΔABC, O is the orthocenter and ∠BOC = 80°, the measure of ∠BAC is:

1. 90°
2. 80°
3. 100°
4. 120°

Solution   Correct Option - **3**

Que. 123 If $11\sqrt{n} = \sqrt{112} + \sqrt{343}$, then the value of n is:

1. 11
2. 13
3. 7
4. 3

Solution Correct Option - **3**

Que. 124 In two days A, B and C together can finish $\frac{1}{2}$ of a work and in another 2 days B and C together can finish $\frac{3}{10}$ part of the work. Then A alone can complete the whole work in

1. 10 days
2. 12 days
3. 14 days
4. 15 days

Solution   Correct Option - **1**

Que. 125 Which of the following numbers is completely divisible by 99?

1. 51579
2. 51557
3. 55036
4. 49984

Solution   Correct Option - **1**

Que. 126 Prabhat had done $\frac{1}{2}$ of a job in 12 days. Santosh completes the rest of the job in 6 days. In how many days can they together do the job?

1. 12 days
2. 4 days
3. 8 days
4. 16 days

Solution   Correct Option - **3**

Que. 127 Ruchir walks at 20 km/hr. and Rukma cycles at 25 km/hr. towards each other. What was the distance between them when they started if they meet after 48 minutes?

1. 54 km
2. 45 km
3. 36 km
4. 27 km

Solution   Correct Option - **3**

Que. 128 If $2apq = (p + q)^2 - (p - q)^2$, then the value of a is:

1. 2
2. 1
3. 4
4. 8

Solution   Correct Option - **1**

Que. 129 What is the value of x for which the expressions 8x + 12 and 14x - 6 become equal?

1. 1
2. 3
3. 6

4. 9

Solution Correct Option **- 2**

Que. 130 Square of 3(6 - 2x) is:

1. $12x^2 - 72x + 108$

2. $4x^2 - 24x + 36$

3. $108 - 72x - 12x^2$

4. $36x^2 - 216x + 324$

Solution   Correct Option **- 4**

Que. 131 If the shopkeeper sells an item at Rs. 450 which is marked at Rs. 600, then what is the discount be is offering?

1.   33.33%

2.   25%

3.   20%

4.   30%

Solution   Correct Option **- 2**

Que. 132 To travel 648 km, an Express train takes 12 hours more than of Rajdhani. If however, the speed of the Express train is doubled, it takes 6 hours less than Rajdhani. The speed of Rajdhani is:

1.   36 km/hr

2.   18 km/hr

3.   45 km/hr

4.   27 km/hr

Solution   Correct Option **- 4**

Que. 133 A car travels a certain distance at 70 km/hr. and comes back at 30 km/hr. Find the average speed for total journey.

1.   42 km/hr

2.   50 km/hr

3.   34 km/hr

4.   58 km/hr

Solution   Correct Option **- 1**

Que. 134 The ten's digit of a two-digit number is greater than the unit's digit by 7. If we subtract 63 from the number, the new number obtained is a number formed by interchange of the digits. Find the number.

1.   81

2.   18

3.   62

4.   26

Solution   Correct Option **- 1**

Que. 135 Find two numbers such that their mean proportion is 16 and third proportion is 1024.

1.   4 and 32

2. 4 and 64
3. 8 and 64
4. 8 and 32

Solution Correct Option - **2**

Que. 136 Find the length of the arc whose central angle is 45° and radius of the circle is 28 cm.
1. 11 cm
2. 33 cm
3. 44 cm
4. 22 cm

Solution Correct Option - **4**

Que. 137 If (9 - 3x) - (17x - 10) = 1, then the value of x is:
1. 1
2. -1
3. $\frac{9}{10}$
4. $\frac{-9}{10}$

Solution Correct Option - **3**

Que. 138 A can do a piece of work in 30 days while B can do it in 40 days. In how many days can A and B working together do it?
1. $42\frac{3}{4}$
2. $27\frac{1}{7}$
3. $17\frac{1}{7}$
4. 70

Solution Correct Option - **3**

Que. 139 The least number to be subtracted from 16,800 to make it a perfect square is:
1. 169
2. 219
3. 159
4. 249

Solution Correct Option - **3**

Que. 140 The average of prime numbers between 1 and 20 is
1. 9
2. $9\frac{5}{8}$
3. $10\frac{1}{8}$
4. 8

Solution Correct Option - **2**

Que. 141 An examinee has to secure 40% marks to pass an examination. He secures 180 marks and fails by an equal number of marks. The total number of marks in the examination is:

1. 900
2. 1000
3. 1050
4. 800

Solution Correct Option - **1**

Que. 142 Each side of a square is increased by 10%. The percentage increase in its area is:

1. 25
2. 12.5
3. 20
4. 21

Solution Correct Option - **4**

Que. 143 In a college, $(1/5)^{th}$ of the girls and $(1/8)^{th}$ of the boys took part in a social camp. The part of students in the college who took part in the camp is:

1. 13/80
2. 2/13
3. 13/40
4. 4/15

Solution Correct Option - **3**

Que. 144 A sphere has a total surface area of 9π cm^2. Its volume is:

1. 36π cm^2
2. $(9/2)\pi$ cm^3
3. 18π cm^3
4. $(4/3)$ cm^3

Solution Correct Option - **2**

Que. 145 A certain number of men complete a piece of work in 60 days. If there were 8 men more, the work can be finished in 10 days less. The number of men originally is:

1. 36
2. 40
3. 30
4. 32

Solution Correct Option - **2**

Que. 146 Of the three numbers, the first is twice the second and the second is twice the third. The average of the reciprocal of the numbers is $\frac{7}{12}$. The numbers are:

1. 20, 10, 5
2. 4, 2, 1
3. 36, 18, 9
4. 16, 8, 4

Solution Correct Option - **2**

Que. 147 Volume of a right circular cylinder of height 21 cm and base radius 5 cm is:

1. 1255 cm^3
2. 1050 cm^3
3. 1175 cm^3
4. 1650 cm^3

Solution   Correct Option - **4**

Que. 148 A train is 250 m long. If the train takes 50 seconds to cross a tree by the railway line, then the speed of the train in km/hr is:

1. 10
2. 9
3. 5
4. 18

Solution   Correct Option - **4**

Que. 149 The ratio of the two numbers is 3 : 4 and their HCF is 15. Then the sum of the two numbers is:

1. 105
2. 115
3. 120
4. 110

Solution   Correct Option - **1**

Que. 150 In ΔABC the internal bisectors of ∠B and ∠C meet at point o. If ∠A = 80°, then ∠BOC is equal to:

1. 100°
2. 120°
3. 130°
4. 140°

Solution   Correct Option - **3**

Que. 151 'दृश्य बहुत ही <u>मनोरम</u> था ।' वाक्य के रेखांकित शब्द का विशेषण भेद है -

1. गुणवाचक विशेषण
2. परिमाणवाचक विशेषण
3. संख्यावाचक विशेषण
4. उपर्युक्त में से कोई नहीं

Solution   Correct Option - **1**

Que. 152 माधवी <u>अत्यंत</u> सुंदर गाती है | रेखांकित शब्द है -

1. संज्ञा
2. संबंधबोधक
3. समुच्चबोधक
4. क्रिया-विशेषण

Solution   Correct Option - **4**

Que. 153 'उत्' से निर्मित शब्द है -

1. अवकाश
2. अपकार
3. उच्चारण
4. अध्ययन

Solution   Correct Option - **3**

Que. 154 'बच्चा' में 'पन' प्रत्यय जोड़ने से निर्मित शब्द है -

1. बच्चापन
2. बचावन
3. बचावपन
4. बचपन

Solution   Correct Option - **4**

Que. 155 'बादल घिर आए और बारिश होने लगी।' रचना की दृष्टि से वाक्य है -

1. सरल
2. आज्ञावाचक
3. निषेधवाचक
4. संयुक्त

Solution   Correct Option - **4**

Que. 156 'कमल के फूल पर भौंरे मँडराते हैं।' वाक्य के रेखांकित शब्द का पर्यायवाची नहीं है -

1. मधुकर
2. मधुप
3. जलज
4. भ्रमर

Solution Correct Option - **3**

Que. 157 'श्याम को भगवान पर जितनी अनुरक्ति है, उसकी पत्नी की उतनी ही भगवान पर _____ थी।' रेखांकित शब्द के विपरीत अर्थ वाले शब्द से रिक्त स्थान की पूर्ति कीजिए।

1. क्रोध
2. रिक्त
3. ग्लानि
4. विरक्ति

Solution Correct Option - **4**

Que. 158 'आज आकाश में _____ छाए हैं।' रिक्त स्थान की पूर्ति उचित शब्द से कीजिए।

1. जलज
2. जलधि
3. जलद

4. नीरज

Solution Correct Option - **3**

Que. 159 'पैसे से मनुष्य की <u>जीवन जीने की इच्छा</u> बलवती होती है |' रेखांकित वाक्यांश के लिए एक शब्द है -

1. जिजीविषा
2. चतुरानन
3. जीविका
4. इनमें से कोई नहीं

Solution Correct Option - **1**

Que. 160 'इस विद्यालय में दाखिला मिलना <u>टेढ़ी खीर</u> है |' रेखांकित मुहावरे का सही अर्थ है -

1. कठिन कार्य होना
2. आसान कार्य होना
3. प्रयत्नशील होना
4. असंभव कार्य होना

Solution Correct Option - **1**

Que. 161 'मैं श्रीरामचन्द्र जी के <u>चरणकमल</u> की वन्दना करती हूँ |' रेखांकित शब्द किस समास का उदाहरण है?

1. कर्मधारय
2. द्विगु
3. द्वन्द
4. अव्ययीभाव

Solution Correct Option - **1**

Que. 162 '<u>गंगातट</u> पर कुछ लोग भजन कर रहे थे |' रेखांकित शब्द में कौन-सा समास है?

1. द्वन्द
2. तत्पुरुष
3. कर्मधारय
4. अव्ययीभाव

Solution Correct Option - **2**

Que. 163 'भौंरा' का सही पर्यायवाची शब्द बताइए |

1. कुंज
2. आली
3. भ्रमर
4. खद्योत

Solution Correct Option - **3**

Que. 164 'नीली कमीज वाले छात्र को यह कलम दे दो' | रचना के आधार पर वाक्य का सही भेद पहचानिए |

1. सरल वाक्य

2. संयुक्त वाक्य
3. मिश्र वाक्य
4. आज्ञावाचक वाक्य

Solution Correct Option - **4**

Que. 165 वर्तनी की दृष्टि से कौन-सा शब्द सही है?

1. स्वतंत्रय
2. स्वातंत्र्य
3. स्वतंत्र्य
4. स्वातंतृय

Solution Correct Option - **2**

Que. 166 सघोष वर्ण कौन-सा है?

1. प
2. थ
3. ब
4. श

Solution Correct Option - **3**

Que. 167 ऊष्म व्यंजन कौन-सा है?

1. ह
2. ल
3. म
4. ज

Solution Correct Option - **1**

Que. 168 'सूर्योदय' का संधि-विच्छेद होगा -

1. सूर्य + उदय
2. सूर्य + ऊदय
3. सूरज + उदय
4. सुरज + ऊदय

Solution Correct Option - **1**

Que. 169 तत्सम शब्द है -

1. अमृत
2. माता
3. काठ
4. आँचल

Solution Correct Option - **1**

Que. 170

शुद्ध वाक्य चुनिए -

1. वाह! कितना सुंदर दृश्य हैं |
2. वाह! कितना सुंदर दृश्य है |
3. 'वाह' कितना सुंदर दृश्य है |
4. वाह? कितना सुंदर दृश्य है |

Solution   Correct Option - **2**

Que. 171   'गोदान' के रचयिता हैं -

1. रवींद्रनाथ टागोर
2. यशपाल
3. मुंशी प्रेमचंद
4. केशवदास

Solution   Correct Option - **3**

Que. 172   'स्वतंत्रता सबको प्यारी होती है |' वाक्य के रेखांकित शब्द का संज्ञा भेद है -

1. जातिवाचक संज्ञा
2. भाववाचक संज्ञा
3. गुणवाचक संज्ञा
4. उपर्युक्त में से कोई नहीं

Solution   Correct Option - **2**

Que. 173   'शीला अपने कपडे स्वयं धोती है |' रेखांकित शब्द सर्वनाम शब्द का उचित भेद है -

1. पुरुषवाचक सर्वनाम
2. निजवाचक सर्वनाम
3. निश्चयवाचक सर्वनाम
4. उपर्युक्त में से कोई नहीं

Solution   Correct Option - **2**

Que. 174   'आजकल भारत की जनता भी अधिकाधिक शिक्षित हो गई है |' रेखांकित शब्द का वचन है -

1. एकवचन
2. बहुवचन
3. द्विवचन
4. उपर्युक्त में से कोई नहीं

Solution   Correct Option - **1**

Que. 175   'बालक इस पुस्तकालय में पढ़ रहा है |' वाक्य में _____ क्रिया है |

1. संयुक्त
2. सहायक
3. अकर्मक
4. सकर्मक

Solution   Correct Option - **3**