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UPSSSC Lower PCS Previous Year Question Papers 2018 Prelims

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UPSSSC Lower PCS Prelims (15 July 2018)

Que. 1: Which of the following is a solid?

1. Chloroform
2. **Iodoform**
3. Ethyl Alcohol
4. Ether

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

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

Correct Option - 3

Que. 4: When common salt is mixed with ice, the freezing point:

1. Adda247
2. **is raised** (Note: Scientific fact suggests it is lowered; however, the PDF identifies Option 2 as correct per the document source).
3. remains unaffected
4. is first lowered and then raised

Correct Option - 2

Que. 5: Calamine is an ore of:

1. Tin
2. Magnesium
3. **Zinc**
4. Copper

Correct Option - 3

Que. 6: Sound cannot pass through?



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1. Water
2. Steel
3. Air
4. **Vacuum**

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

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

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

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

Correct Option - 2

Que. 11: Element that is not found in blood is:

1. Iron
2. Copper



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3. **Chromium**
4. Magnesium

Correct Option - 3

Que. 12: Which of the following diseases usually spreads through milk?

1. **Tuberculosis**
2. Jaundice
3. Diphtheria
4. Cholera

Correct Option - 1

Que. 13: Oranges are rich source of:

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

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

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.

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

Correct Option - 2

Que. 17: Washing Soda, used to soften water domestically, is actually:



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1. calcium bicarbonate
2. **sodium carbonate**
3. sodium bicarbonate
4. calcium carbonate

Correct Option - 2

Que. 18: Soya bean is rich in:

1. **proteins**
2. carbohydrates
3. fats
4. minerals

Correct Option - 1

Que. 19: Which of the following can fly?

1. **hornbill**
2. ostrich
3. emu
4. penguin

Correct Option - 1

Que. 20: The filament of an electrical bulb is made out of:

1. Copper
2. Aluminium
3. **Tungsten**
4. Alloy

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.

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



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4. vitamin D

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

Correct Option - 3

Que. 24: In a refrigerator, the refrigerant is:

1. nitrogen
2. oxygen
3. chlorine
4. **Freon**

Correct Option - 4

Que. 25: What is the chemical name of vitamin B_{2} ?

1. Thiamin
2. Retinol
3. Ascorbic Acid
4. **Riboflavin**

Correct Option - 4

Que. 26: The reorganization of states on linguistic basis was done in:

1. 1950
2. 1951
3. 1952
4. **1956**

Correct Option - 4

Que. 27: The island of Honshu in Japan is famous for:

1. Coal
2. Iron ore
3. **Oil**
4. Diamonds

Correct Option - 3



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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**

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 (implied)
4. **M. N. Roy**

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

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**

Correct Option - 4

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

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

Correct Option - 4

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



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

Correct Option - 1

Que. 34: Jallikattu is associated with:

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

Correct Option - 4

Que. 35: Subramania Bharati was a noted:

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

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

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

Correct Option - 1

Que. 38: Nepali is primarily spoken in which State?

1. Karnataka
2. Rajasthan
3. **Sikkim**



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4. Andhra Pradesh
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
- Correct Option - 1**

Que. 40: K. Srikanth has won Arjuna Award for which sport in India?

1. **Badminton**
 2. Billiards
 3. Boxing
 4. Chess
- Correct Option - 1**

Que. 41: Famous Khajuraho Group of Monuments is in which state?

1. Uttar Pradesh
 2. **Madhya Pradesh**
 3. Rajasthan
 4. Maharashtra
- Correct Option - 2**

Que. 42: Doordarshan was founded in which year?

1. 1939
 2. 1949
 3. **1959**
 4. 1969
- Correct Option - 3**

Que. 43: Buland Darwaza was built by:

1. Humayun
 2. **Akbar**
 3. Babur
 4. Aurangzeb
- Correct Option - 2**

Que. 44: LeBron James plays which International Sport?



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1. Golf
2. Baseball
3. **Basketball**
4. Boxing

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

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

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

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**

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



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4. Red Fort Complex
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**

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

Correct Option - 3

Que. 52: Konkani is the official language of:

1. Chandigarh
2. Dadra and Nagar Haveli
3. **Daman and Diu**
4. Delhi

Correct Option - 3

Que. 53: Which State in India has the longest coastline?

1. Kerala
2. Tamil Nadu
3. Maharashtra
4. **Gujarat**

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**

Correct Option - 4

Que. 55: Who wrote the book-"The Test of My Life"?



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1. **Yuvraj Singh**
2. Sachin Tendulkar
3. Brian Lara
4. Adam Gilchrist

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**

Correct Option - 4

Que. 57: Abu Dhabi is the capital city of?

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

Correct Option - 1

Que. 58: Who is the Chairman of NITI Aayog?

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

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**

Correct Option - 4

Que. 60: Tertali is a folk dance of:

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

Correct Option - 2



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Que. 61: Qutub Minar is located in:

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

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

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

Correct Option - 2

Que. 64: Panaji is the capital of which Indian State?

1. Chhattisgarh
2. **Goa**
3. Himachal Pradesh
4. Jharkhand

Correct Option - 2

Que. 65: Aurangzeb was the son of:

1. Babur
2. Humayun
3. Akbar
4. **Shah Jahan**

Correct Option - 4

Que. 66: Who was the first Speaker of Lok Sabha?

1. **G. V. Mavalankar**
2. Sarvepalli Radhakrishnan



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3. M. Ananthasayanam Ayyanger
 4. Dr. P. V. Cherian
- Correct Option - 1**

Que. 67: Panch Mahal is situated in:

1. Hawa Mahal
 2. Gwalior Fort
 3. **Fatehpur Sikri**
 4. Agra Fort
- Correct Option - 3**

Que. 68: Male is the Capital of:

1. Algeria
 2. **Maldives**
 3. Kenya
 4. Mauritius
- 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**
- 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**
- 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



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4. Anjali Bhagwat
Correct Option - 2

Que. 72: 49° N latitude acts as demarcation line between:

(Correction: Text says 140° N, likely typo for 49° N).

1. **USA and Canada** (Note: Correct Option 1 is listed, but the geographically accurate answer for 49° N is Option 4).
2. Egypt and Sudan
3. North and South Korea
4. North and South Vietnam

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. Ecofriend-

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

Correct Option - 2

Que. 75: Kudankulam Project is located in which state?

1. Karnataka
2. **Tamil Nadu**
3. Telangana
4. Kerala

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**



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

Correct Option - 1

Que. 77: 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

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

Correct Option - 2

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

Duration	Dec 1st	Dec 3rd	Jan 1st	Jan 3rd	Feb 1st	Feb 3rd
----------	---------	---------	---------	---------	---------	---------

Price	20	60	40	120	100	?
-------	----	----	----	-----	-----	---

Price	20	60	40	120	100	?
-------	----	----	----	-----	-----	---

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

Correct Option - 2

Que. 80: Select the missing number from the given responses: 1, 4, 2, 3, 2, ?



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

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

Correct Option - 1

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

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

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

Correct Option - 2

Que. 84: Select the related number from the given alternatives: 8 : 32 :: 6 : ?

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

Correct Option - 3

Que. 85: 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?



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

Correct Option - 3

Que. 86: A series is given with one term missing. Select the correct alternative: GT, JW, ?

1. AN, DQ
2. NZ
3. **MZ**
4. LY

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

Correct Option - 2

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

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

Correct Option - 2

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

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

Correct Option - 4

Que. 90: Select the missing term in the series: DP, EY, FJ, ?

1. GX
2. GS



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3. GT
4. **GW**

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?

1. C
2. A
3. **B**
4. E

Correct Option - 3

Que. 92: Meaningful order: 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

Correct Option - 3

Que. 93: Ages of Vikas and Sujit are in ratio 5:4. Three years hence, ratio is 11:9. Sujit's present age?

1. 6
2. **24**
3. 18
4. 27

Correct Option - 2

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

1. **BKZHL**
2. BKZHI
3. BKYHL
4. BKZII

Correct Option - 1

Que. 95: A man facing south turns left walk 10m, then right walk 15m, then left walk 5m, then left walk 15m. Direction he is facing now?

1. West
2. **North**
3. South



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4. East

Correct Option - 2

Que. 96: If $5+7+2=725$ and $6+9+0=906$, then $8+4+3=?$

1. 815

2. 384

3. **438**

4. 834

Correct Option - 3

Que. 97: Find the odd number:

1. 125

2. 512

3. **1321**

4. 1728

Correct Option - 3

Que. 98: If $29 \times 13 = 14$ and $76 \times 26 = 34$, then $64 \times 14 = ?$

1. 39

2. 32

3. **26**

4. 54

Correct Option - 3

Que. 99: Inference from: "All observed plant roots 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**

Correct Option - 4

Que. 100: 8 friends sitting clockwise. G is North. G exchanges with C, B with F. Who is right of F?

1. **A**

2. G

3. E

4. B

Correct Option - 1

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



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

Correct Option - 1

Que. 102: Tina drives 45 km East, turns right drives 65 km, turns left drives 33 km. Direction facing?

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

Correct Option - 1

Que. 103: Related number: 534645 : 381 : ?

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

Correct Option - 3

Que. 104: 5 friends on bench facing North. Ankit is right of Anjum. Amit is left of Priya and right of Ram. Ram is right of Ankit. Who is at extreme right?

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

Correct Option - 3

Que. 105: Girl walks 30m NW, then 30m SW, then 30m SE. Finally turns toward house. Direction moving?

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

Correct Option - 4

Que. 106: Wrong number: 40960, 10240, 2560, 640, 200, 40, 10

1. 2560



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2. 200
3. 640
4. 40

Correct Option - 2

Que. 107: Simplified value of

$(\frac{3}{15}a^5b^6c^3 \times \frac{5}{9}ab^5c^4) \div \frac{10}{27}a^2bc^3$:

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

Correct Option - 3

Que. 108: If $1^3+2^3+\dots+10^3=3025$, then $2^3+4^3+\dots+20^3$ is:

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

Correct Option - 3

Que. 109: In ΔABC , $\angle B=60^\circ$, $\angle C=40^\circ$, AD is bisector of $\angle A$, AE is perpendicular to BC. Measure of $\angle EAD$:

1. 11°
2. **10°**
3. 12°
4. 9°

Correct Option - 2

Que. 110: If 20 women lay 100m road in 10 days, then 10 women lay 50m road in:

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

Correct Option - 4

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



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

Correct Option - 3

Que. 112: Average of 13 results is 70. Average of first 7 is 65 and last 7 is 75. Seventh result?

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

Correct Option - 2

Que. 113: Number between 1000-2000 which when divided by 30, 36, 80 gives remainder 11:

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

Correct Option - 1

Que. 114: Work by $(x+4)$ men in $(x+5)$ days = work by $(x-5)$ men in $(x+20)$ days. Value of x:

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

Correct Option - 1

Que. 115: Average marks of 50 students is 72. Boys average 70, girls average 75. Number of boys:

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

Correct Option - 4

Que. 116: Two trains from Aligarh (14 km/hr) and Delhi (21 km/hr) meet. One travelled 70km more. Distance between stations:



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

Correct Option - 1

Que. 117: If $(2, 0)$ is a solution of $2x+3y=k$, then k:

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

Correct Option - 4

Que. 118: Side BC of ΔABC produced to D. $\angle ACD=112^\circ$, $\angle B=\frac{3}{4}\angle A$. Measure of $\angle B$:

1. 30°
2. 48°
3. 45°
4. 64°

Correct Option - 2

Que. 119: If $\frac{1}{3}$ rd of Rs. 100 is larger than $\frac{1}{4}$ th of Rs. 100, then value of percent increment:

1. 99 (implied calculation in source)
2. 90
3. 75
4. 25

Correct Option - 1

Que. 120: If diagonal of square is $6\sqrt{2}$ cm, its area:

1. 24 cm^2
2. 36 cm^2
3. 76 cm^2
4. $24\sqrt{2}\text{ cm}^2$

Correct Option - 2

Que. 121: If $(a+\frac{1}{a})^2=3$, value of $a^{30}+a^{24}+a^{18}+a^{12}+a^6+1$:

1. 27
2. 1



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3. -1
4. **0**

Correct Option - 4

Que. 122: In ΔABC , O is orthocenter, $\angle BOC = 80^\circ$. Measure of $\angle BAC$:

1. 90°
2. 80°
3. **100°**
4. 120°

Correct Option - 3

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

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

Correct Option - 3

Que. 124: In 2 days A, B, C finish $\frac{1}{2}$ work. In another 2 days B, C finish $\frac{3}{10}$ work. A alone finishes in:

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

Correct Option - 1

Que. 125: Divisible by 99:

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

Correct Option - 1

Que. 126: Prabhat did $\frac{1}{2}$ job in 12 days. Santosh completes rest in 6 days. Together they do it in:

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



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4. 16 days

Correct Option - 3

Que. 127: Ruchir at 20 km/hr and Rukma at 25 km/hr meet after 48 minutes. Initial distance:

1. 54 km

2. 45 km

3. **36 km**

4. 27 km

Correct Option - 3

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

1. **2**

2. 1

3. 4

4. 8

Correct Option - 1

Que. 129: Value of x where $8x+12 = 14x-6$:

1. 1

2. **3**

3. 6

4. 9

Correct Option - 2

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

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

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

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

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

Correct Option - 4

Que. 131: Sells at 450, marked at 600. Discount %:

1. 33.33%

2. **25%**

3. 20%

4. 30%

Correct Option - 2



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Que. 132: Express train (648 km) takes 12hr more than Rajdhani. If speed doubled, takes 6hr less. Speed of Rajdhani:

1. \$36~km/hr\$
2. \$8~km/hr\$
3. \$45~km/hr\$
4. **\$27~km/hr\$**

Correct Option - 4

Que. 133: Car travels at 70 km/hr and returns at 30 km/hr. Average speed:

1. **\$42~km/hr\$**
2. \$50~km/hr\$
3. \$34~km/hr\$
4. \$58~km/hr\$

Correct Option - 1

Que. 134: Tens digit > units digit by 7. Subtract 63, digits interchange. Number:

1. **81**
2. 18
3. 62
4. 26

Correct Option - 1

Que. 135: Mean proportion is 16, third proportion is 1024. Numbers:

1. 4 and 32
2. **4 and 64**
3. 8 and 64
4. 8 and 32

Correct Option - 2

Que. 136: Length of arc (central angle 45° , radius 28cm):

1. 11 cm
2. 33 cm
3. 44 cm
4. **22 cm**

Correct Option - 4

Que. 137: If $(9-3x)-(17x-10)=1$, value of x:

1. 1



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2. -1
3. **9/10**
4. -9/10

Correct Option - 3

Que. 138: A in 30 days, B in 40 days. Together in:

1. $42\frac{3}{4}$
2. $27\frac{1}{7}$
3. **$17\frac{1}{7}$**
4. 70

Correct Option - 3

Que. 139: Least number subtracted from 16,800 to make perfect square:

1. 169
2. 219
3. **159**
4. 249

Correct Option - 3

Que. 140: Average of prime numbers between 1-20:

1. 9
2. **$9\frac{5}{8}$**
3. $10\frac{1}{8}$
4. 8

Correct Option - 2

Que. 141: Needs 40% to pass. Gets 180, fails by 180. Total marks:

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

Correct Option - 1

Que. 142: Square side increased by 10%. Area increase %:

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

Correct Option - 4



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Que. 143: $\frac{1}{5}$ of girls and $\frac{1}{8}$ of boys in camp. Total part in camp:

1. $\frac{13}{80}$
2. $\frac{2}{13}$
3. $\frac{13}{40}$ (Note: Calculation depends on ratio of boys/girls not provided, source lists Option 3).
4. $\frac{4}{15}$

Correct Option - 3

Que. 144: Sphere surface area $9\pi\text{cm}^2$. Volume:

1. $36\pi\text{cm}^3$
2. $(\frac{9}{2})\pi\text{cm}^3$
3. $18\pi\text{cm}^3$
4. $(\frac{4}{3})\text{cm}^3$

Correct Option - 2

Que. 145: Certain men finish in 60 days. If 8 men more, finished 10 days less. Original men:

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

Correct Option - 2

Que. 146: Three numbers: 1st is twice 2nd, 2nd is twice 3rd. Average of reciprocals is $\frac{7}{12}$. Numbers:

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

Correct Option - 2

Que. 147: Volume of cylinder ($h=21\text{cm}$, $r=5\text{cm}$):

1. 1255cm^3
2. 1050cm^3
3. 175cm^3
4. 1650cm^3

Correct Option - 4

Que. 148: Train 250m crosses tree in 50s. Speed in km/hr:



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

Correct Option - 4

Que. 149: Ratio 3:4, HCF 15. Sum:

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

Correct Option - 1

Que. 150: In ΔABC , bisectors of $\angle B$ and $\angle C$ meet at O. $\angle A = 80^\circ$. $\angle BOC$:

1. 100°
2. 120°
3. **130°**
4. 140°

Correct Option - 3

Que. 151: 'दृश्य बहुत ही मनोरम था।' विशेषण भेद:

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

Correct Option - 1

Que. 152: माधवी अत्यंत सुंदर गाती है। रेखांकित शब्द (गाती):

1. संज्ञा
2. संबंधबोधक
3. समुच्चबोधक
4. क्रिया-विशेषण (Note: Document marks Option 4 as correct).

Correct Option - 4

Que. 153: 'उत्' से निर्मित शब्द है:

1. अवकाश
2. अपकार
3. उच्चारण



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4. अध्ययन

Correct Option - 3

Que. 154: 'बच्चा' में 'पन' प्रत्यय जोड़ने से शब्द:

1. बच्चापन
2. बचावन
3. बचावपन
4. बचपन

Correct Option - 4

Que. 155: 'बादल घिर आए और बारिश होने लगी।' वाक्य है:

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

Correct Option - 4

Que. 156: 'कमल के फूल पर भौरें मँडराते हैं।' पर्यायवाची नहीं है:

1. मधुकर
2. मधुप
3. जलज
4. भ्रमर

Correct Option - 3

Que. 157: 'श्याम को भगवान पर जितनी अनुरक्ति है, उसकी पत्नी की उतनी ही भगवान पर...' विपरीत शब्द:

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

Correct Option - 4

Que. 158: 'आज आकाश में ... छाए हैं' रिक्त स्थान:

1. जलज
2. जलधि
3. जलद
4. नीरज

Correct Option - 3

Que. 159: 'जीवन जीने की इच्छा' वाक्यांश के लिए शब्द:



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

Correct Option - 1

Que. 160: 'टेढ़ी खीर है' मुहावरे का अर्थ:

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

Correct Option - 1

Que. 161: 'चरणकमल' किस समास का उदाहरण है?

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

Correct Option - 1

Que. 162: 'गंगातट' में कौन-सा समास है?

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

Correct Option - 2

Que. 163: 'भौरा' का सही पर्यायवाची शब्द:

1. कुंज
2. आली
3. भ्रमर
4. खद्योत

Correct Option - 3

Que. 164: 'नीली कमीज वाले छात्र को यह कलम दे दो' वाक्य भेद:

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

Correct Option - 4



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Que. 165: वर्तनी की दृष्टि से सही शब्द:

1. स्वतंत्रय
2. स्वातंत्र्य
3. स्वतंत्रय
4. स्वातंत्र्य (Note: Source identifies Option 2 as correct).

Correct Option - 2

Que. 166: सघोष वर्ण कौन-सा है?

1. प
2. थ
3. ब
4. श

Correct Option - 3

Que. 167: ऊष्म व्यंजन कौन-सा है?

1. ह
2. ल
3. म
4. ज

Correct Option - 1

Que. 168: 'सूर्योदय' का संधि-विच्छेद:

1. सूर्य + उदय
2. \$74+364\$
3. सूरज + उदय
4. सुरज + ऊदय

Correct Option - 1

Que. 169: तत्सम शब्द है:

1. अमृत
2. माता
3. काठ
4. आँचल

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।



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4. वाह? कितना सुंदर दृश्य है।
Correct Option - 2

Que. 171: 'गोदान' के रचयिता हैं:

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

Correct Option - 3

Que. 172: 'स्वतंत्रता सबको प्यारी होती है' संज्ञा भेद:

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

Correct Option - 2

Que. 173: 'शीला अपने कपडे स्वयं धोती है' सर्वनाम भेद:

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

Correct Option - 2

Que. 174: 'जनता' शब्द का वचन है:

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

Correct Option - 1

Que. 175: 'बालक इस पुस्तकालय में पढ़ रहा है' क्रिया है:

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

Correct Option - 3

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