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## WBP Constable Previous Year Paper Questions PDF

The West Bengal Police Constable (WBPC) is a competitive exam conducted by the West Bengal Police Recruitment Board (WBPRB) to recruit constables in the West Bengal Police. The exam is conducted in two phases: a preliminary exam and a main exam.

The WBP Constable preliminary exam is a multiple-choice objective-type exam consisting of 100 questions. The questions are divided into three sections:

- **General English (40 questions):** This section tests the candidates' knowledge of English grammar, vocabulary, and comprehension.
- **General Awareness (40 questions):** This section tests the candidates' knowledge of current events, history, geography, and other general knowledge topics.
- **Numerical Ability and Logical Reasoning (20 questions):** This section tests the candidates' numerical and logical reasoning skills.

The WBP Constable main exam is a written exam consisting of two papers: a general knowledge paper and a language paper. The general knowledge paper consists of 100 questions on a variety of topics, including current events, history, geography, economics, and civics. The language paper consists of 100 questions on the candidate's chosen language (English or Bengali).

The WBPC previous year papers are a valuable resource for candidates preparing for the exam. The papers give candidates an idea of the type of questions that are asked in the exam and the level of difficulty of the questions.

We will solve here a WBP Constable Prelims Previous Year paper.



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**WB POLICE CONSTABLE  
PY - 2019**

[Source: The Dhronas]

## WBP Constable Previous Year Paper 2019

**Q:1** 5% of  $\sqrt{2x} = 0.01$ , then  $x=?$

1. 0.01
2. 0.05
3. 0.02
4. 0.03

**Q:2** Two pipes A and B fill a tank in 12 minutes and 16 minutes respectively. If two pipes are opened together, then after how much time, the B pipe should be closed so that the tank is full in 9 minutes?

1. 5 Min
2.  $4\frac{1}{2}$  Min
3.  $3\frac{1}{2}$  Min
4.  $4\frac{3}{4}$  Min



**Q:3** If the area of a square and a rectangle with equal perimeter is S and R respectively, which of the following is true?

1.  $S=2R$
2.  $S=R$
3.  $2S>R$
4.  $S>R$

**Q:4** The price of a kite and latai together is Rs.1.10, if the price of latai is Rs.1 more than kite, what is the price of kite?

1. 10 paise
2. 20 paise
3. 5 paise
4. 25 paise

**Q:5** If the length of a rectangle is 10 cm and it doubles the other side of the rectangle, what is the area of the rectangle?

1. 100 Sq.cm
2.  $25\sqrt{3}$  Sq.cm
3. 25 Sq.cm
4. 50 Sq.cm

**Q:6** If  $\sqrt{2^n} = 64$ , then  $n=?$

1. 4
2. 6
3. 2
4. 12

**Q:7** The ratio of the three numbers is 1: 2: 3 and if their H.C.F. is 12, then what is the largest number?

1. 15
2. 12
3. 36
4. 30



**Q:8** A Motor rider travels from A to B at a speed of 20 km/h and returns at a speed of 30 km/h. What was the average speed of the rider?

1. 23 km/h
2. 26 km/h
3. 22 km/h
4. 24 km/h

**Q:9** What is x if the three angles of a triangle are  $3x^\circ$ ,  $(2x-7)^\circ$ ,  $(4x-11)^\circ$  respectively?

1.  $20^\circ$
2.  $22^\circ$
3.  $18^\circ$
4.  $23^\circ$

**Q:10** If 90% of A = 30% of B and B = 2x% of A, then x =?

1. 400
2. 300
3. 450
4. 150

**Q:11** The sum of two digits of a two-digit number is 8. Subtracting 18 from the number reverses the digits in the number. What is the number?

1. 35
2. 62
3. 44
4. 53

**Q:12** If the average of 7 consecutive numbers is 20, what is the largest number?

1. 23
2. 22
3. 24

4. 20

**Q:13** The length and width of a rectangular garden are 100 m and 80 m respectively. There is a road 10 meters wide around the garden. What is the area of the road?

1. 2400 Sq.m
2. 3600 Sq.m
3. 1900 Sq.m
4. 4000 Sq.m

**Q:14** One person travels 61 km in 9 hours. He travels some parts of this journey on foot at a speed of 4 km/h and the rest on a bicycle at a speed of 9 km/h. How far did he walk?

1. 16 km
2. 20 km
3. 12 km
4. 24 km

**Q:15** If the speed of a boat in favor of the current and against the current is 12 km/h and 8 km/h respectively, how long will it take the boat to go 24 km in still water?

1. 2 hours 24 minutes
2. 2 hours 40 minutes
3. 3 hours 40 minutes
4. 3 hours 24 minutes

**Q:16** If the product of two numbers is 2160 and their H.C.F is 6, what is the ratio of H.C.F And L.C.M of the two numbers?

1. 1 : 60
2. 7 : 20
3. 1 : 60
4. 20 : 7

**Q:17** In how many years will any money double at 18.75% annual simple interest?

1. 4 Years 5 Months



2. 5 Years 4 Months

3. 6 Years 2 Months

4. 6 Years 5 Months

**Q:18** The sum of the present ages of father and son is 100 years. 5 years ago if their age ratio is 2: 1, what will be their age after 10 years?

1. 65 Year, 55 Year

2. 70 Year, 50 Year

3. 75 Year, 45 Year

4. 80 Year, 40 Year

**Q:19** If the selling price of 4 items is equal to the cost price of 5 items, what is the percentage of profit?

1. 22.5%

2. 25%

3. 20%

4. 30%

**Q:20** A started a business by investing Rs.7000, 5 months later B became his partner. After one year if their dividends are divided in the ratio 2: 3. Then find how much money did B invest?

1. Rs 6500

2. Rs 18000

3. Rs 10000

4. Rs 9000

**Q:21** If two trains 137 metres and 163 metres in length are running towards each other on parallel lines one at the rate of 42 kmph and another at 48 kmph. In what time will they be clear of each other from the moment they meet?

1. 24 seconds

2. 12 seconds

3. 30 seconds

4. 10 seconds



**Q:22** In what ratio two types of tea costing Rs. 15 per kg and Rs. 20 per kg are mixed so that the cost price of the mixture is Rs. 16.50 per kg?

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

**Q:23** What is the greatest number of 4 digits which when divided by 3, 5, 7, 9 will leave remainders 1, 3, 5, 7 respectively?

1. 9764
2. 9767
3. 9763
4. 9765

**Q:24** If 35% of a number is 91, what is the number?

1. 260
2. 266
3. 245
4. 252

**Q:25** Rs.680 is divided between A, B and C in such a way that A gets  $\frac{2}{3}$  of B, and B gets  $\frac{1}{4}$  of C. How much will B get?

1. Rs. 210
2. Rs. 120
3. Rs. 320
4. Rs. 325

**Q:26** The least number which must be added to 1728 to make it a perfect square is?

1. 26
2. 36
3. 30
4. 32



Q:27 Arrange from big to small:

- 1.
- 2.
- 3.
- 4.

Q:28 The present age ratio of X and Y is 3: 4. 5 years ago their age ratio was 5: 7. What is the present age of Y?

1. 50 years
2. 30 years
3. 60 years
4. 40 years

Q:29 Find the value :

1. 125125
2. 150150
3. 299299
4. 11001100

Q:30 If the selling price of any product is Rs.616 then 12% profit is made. How much money will be lost if the product is sold at 482 rupees?

1. Rs 64
2. Rs 72
3. Rs 46





4. Rs 68

**Q:31** What is the missing letter ?

M, N, O, L, R, I, V, ?

- 1. K
- 2. E
- 3. H
- 4. S

**Q:32** If '+' means '÷', '÷' means '-', '-' means 'x' and 'x' means '+', then

$12 + 6 \div 3 - 2 \times 8 = ?$

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



**Q:33** How many such 'L' are there in the following alphabet series that is immediately preceded by 'R' and immediately succeeded by 'T'?

Z Q S T L R M N Q N R T U V X R L T A L T Q L T

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

**Q:34** A, P, R, X, S and Z are sitting in a row. S and Z are in the centre, and A and P are at the ends. If R is sitting on the immediately left of A, then who is sitting on the immediate right of P?

- 1. S
- 2. X
- 3. A
- 4. Z



Q:35 Which of the following pictures shows the relationship between tennis lovers, cricketers, and students?

- 1.
- 2.
- 3.
- 4.

Q:36 What will be the number in the question marked (?) Place?



1. 22
2. 8
3. 14
4. 32

Q:37 Complete the following series with the alphabet:

ab \_ bca \_ bc \_ ca \_ bc

1. caba
2. caca
3. ccab
4. bcca

Q:38 If 'Q' means 'addition', 'J' means 'multiplication', 'T' means 'subtraction' and 'K' means 'division', then,

30 K 2 Q 3 J 6 T 5 = ?

1. 28



2. 31

3. 18

4. 103

**Q:39** In any certain code language 'DISTANCE' is written as 'IDTUBECN' and 'DOCUMENT' is written as 'ODDVNTNE'. So how to write 'THURSDAY' in that certain code language?

1. DTVSTEYA

2. HTTQRYAD

3. HTVSTYAD

4. HTVSTYDA

**Q:40** Which of the following is the reflection of the given image along mirror AB?



1.

2.

3.

4.



**Q:41** Atom : Molecule :: Cell : ?

1. Matter
2. Tissue
3. Organism
4. Organ

**Q:42** Which of the following is different from others?

1. F
2. N
3. A
4. W



**Q:43** If today is Tuesday, what day will it be after 53 days from today?

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

**Q:44** How many triangles are there in the picture below?

1. 10
2. 12



3. 8

4. 14

**Q:45** If F is the brother of A, C is the daughter of A, K is the sister of F and J is the brother of C, then who is the uncle of J?

1. K

2. A

3. C

4. F

**Q:46** Rinki is younger than Priya and Veena. Veena is older than Savita but younger than Priya. Who is the eldest?

1. Rinki

2. Priya

3. Veena

4. Cannot be determined

**Q:47** If AB means 25, BC means 57 and BD means 58, then CADB =?

1. 2578

2. 8752

3. 7285

4. 5827

**Q:48** 'A' walks 2 km south then turns right and walks 5 km. Then turns left and walks 3 km and again turns left and walks 5 km. In which direction is A from the starting point of his journey?

1. South

2. East

3. South-East

4. West

**Q:49** What is the missing number?

3, 7, 13, 21, 31, ?

1. 37



2. 42

3. 34

4. 43

**Q:50** Mirror : Reflection :: Water : ?

1. Refraction
2. Evaporation
3. Immersion
4. Conduction

**Q:51** From which movement was Vallabh Bhai Patel honoured with the Sardar title?

1. Bardoli movement
2. Quit India Movement
3. Swadeshi movement
4. Civil Disobedience movement

**Q:52** Who was the first Indian woman to win an Olympic medal?

1. Karnam Malleswari
2. Ashwini Nachappa
3. P T Usha
4. Usha Sachdev

**Q:53** What causes the rainbow to form?

1. Diffraction and refraction of light
2. Scattering and refraction of light
3. Refraction and dispersion of light
4. Refraction and reflection of light

**Q:54** Which of the following is not a twin city?

1. Durgapur-Asansol



2. kolkata- Howrah
3. Hyderabad - Secunderabad
4. Delhi - New Delhi

**Q:55** Fire-fighting clothes are made from \_\_\_\_\_.

1. Asbestos
2. Cotton
3. Mica
4. Cadmium

**Q:56** Who established the Servants of India Society?

1. Rishi Aurobindo Ghosh
2. Dadabhai Naoroji
3. Gopal Krishna Gokhale
4. Annie Besant



**Q:57** In which country was the presence of the 'Zika virus' first officially announced?

1. Pakistan
2. Australia
3. Uganda
4. Sri Lanka

**Q:58** Who introduced the 'Mansabdari System'?

1. Akbar
2. Jahangir
3. Sher Shah
4. Shahjahan

**Q:59** Which planet is known as blue planet?

1. Saturn
2. Uranus



3. Earth

4. Venus

**Q:60** Which of the following is called 'brown coal'?

1. Bituminous

2. Coke

3. Anthracite

4. Lignite

**Q:61** Who was known by the pseudonym 'Anila Devi'?

1. Ashapura Devi

2. Gaganendranath Thakur

3. Sarat Chandra Chattopadhyay

4. Narayan Debnath

**Q:62** Who first determined the national income of India?

1. V K R D Rao

2. Sardar Vallabhbhai Patel

3. Dadabhai Naoroji

4. Prashant Chandra Mahalanobis

**Q:63** 1 GB = \_\_\_\_\_bytes

1.  $10^6$

2.  $10^9$

3.  $10^3$

4.  $10^{12}$

**Q:64** Which of the following foods contains the most protein?

1. Fish

2. Lettuce





3. Butter

4. Milk

**Q:65** What will the weather change if the barometer reading suddenly decreases?

1. It will be a storm
2. It will be cold
3. It will be very hot
4. There will be incessant rain for at least 48 hours

**Q:66** What is 'heavy water'?

1. Water mixed with ozone gas
2. Water mixed with heavy metal minerals
3. Mineral mixed water
4. Water formed by isotopes of hydrogen

**Q:67** The 'Tropic of Cancer' did not pass through which of the following states of India?

1. Gujarat
2. Mizoram
3. West Bengal
4. Uttar Pradesh

**Q:68** What is 'VVPAT' related to?

1. Mobile service
2. Space science
3. General election
4. Extremist activity

**Q:69** Milk is not considered a balanced diet because of the absence of \_\_\_\_\_.

1. Iron and vitamin-C
2. Calcium and Vitamin-C



3. Magnesium and Vitamin-D

4. Iron and Vitamin-D

**Q:70** What is the full form of 'GSM' technology used in mobile phones?

1. Geo Satellite for mobile
2. Global System for Mobility
3. Global System for Mobile
4. Geo Station for Mobility

**Q:71** With which sport is 'Smriti Mandhana' associated?

1. Table tennis
2. Cricket
3. Hockey
4. Boxing

**Q:72** Where is 'Bandipur Sanctuary' located?

1. Karnataka
2. Orissa
3. Gujarat
4. Rajasthan

**Q:73** Who abolished the 'practice of Satidah'?

1. Lord Dalhousie
2. Lord Curzon
3. Lord William Bentinck
4. Lord Canning

**Q:74** What is a sponge?

1. Plant
2. Animal



3. Fossil
4. Fungus

**Q:75** Which Mughal emperor was known as 'Zinda Pir'?

1. Shah Jahan
2. Jahangir
3. Akbar
4. Aurangzeb

**Q:76** What was Girish Karnad associated with?

1. Sports
2. Drama
3. Science
4. Magic

**Q:77** What is 'saccharin' made of?

1. Phenol
2. Propane
3. Toluene
4. Butane

**Q:78** When is the minimum distance between the sun and the earth?

1. 21th June
2. 22th September
3. 22th December
4. 4th January

**Q:79** The word 'jab' is associated with which sport?

1. Golf
2. Boxing



3. Lawn Tennis

4. Billiards

**Q:80** Which film was declared the best film at the 64th Filmfare 2019?

1. Sanju

2. Badhai ho

3. Raazi

4. Kedarnath

**Q:81** Who wrote " The future of India "?

1. Deepak Chopra

2. Anurag Mathur

3. Bimal Jalan

4. Amitabh Ghosh

**Q:82** Who headed the 1946 Cabinet Mission?

1. Sir Stafford Cripps

2. A V Alexander

3. Lord Pathic Lawrence

4. Lord Mountbatten

**Q:83** Which article of the Indian Constitution is described by Dr BR Ambedkar as the heart and soul of the Constitution?

1. Article 356

2. Article 32

3. Article 19

4. Article 14

**Q:84** What is the harm to the human body due to the lack of mineral 'fluorine'?

1. Loss of appetite

2. Goiter

3. Fragile teeth

4. Anemia

**Q:85** Who built 'Fatehpur Sikri'?

1. Humayun

2. Jahangir

3. Akbar

4. Aurangzeb

**Q:86** In which season our body needs more fat?

1. Spring

2. Winter

3. Rainy Season

4. Summer

**Q:87** Which country's President graced the chief guest's place on India's Republic Day 2019?

1. Russia

2. Maldives

3. South Africa

4. Israel

**Q:88** What is the study of fruit?

1. Anthrology

2. Perology

3. spermology

4. Pomology

**Q:89** Which is the biggest river in Asia?

1. Yangzi

2. Huang Ho



3. Indus
4. Ganges

**Q:90** Kilowatt-hour is a unit of which quantity?

1. Power
2. Force
3. Energy
4. Momentum

**Q:91** Who was appointed as the first Lokpal in India?

1. M. N. Venkatachaliah
2. Anna Hazare
3. Pinaki Chandra Ghose
4. Veerappa Moily

**Q:92** What is the name of the largest organ in the human body?

1. Liver
2. Kidney
3. Brain
4. Heart

**Q:93** Which of these chemicals is used to illuminate the photographic film?

1. Sodium carbonate
2. Sodium sulphate
3. Silver bromide
4. Hydroquinone

**Q:94** In which year did the 'Jallianwala Bagh' massacre take place?

1. 1919
2. 1789



3. 1928

4. 1750

**Q:95** Where will the 2024 Summer Olympics be held?

1. Berlin
2. Paris
3. Beijing
4. Tokyo

**Q:96** Nehru Trophy is associated with which sport?

1. Tennis
2. Football
3. Hockey
4. Badminton

**Q:97** By which amendment of the Indian Constitution has the territory been exchanged between India and Bangladesh?

1. 101th
2. 102th
3. 100th
4. 103th

**Q:98** What colour will an astronaut see in the sky?

1. Red
2. Blue
3. Violet
4. Black

**Q:99** Who was called 'Kaiser-i-Hind'?

1. Netaji Subhash Chandra Bose
2. Pandit Jawaharlal Nehru



3. Mahatma Gandhi

4. Dadabhai Naurji

**Q:100** What is measured with an 'odometer'?

1. Electricity

2. Radioactivity

3. Distance covered

4. Velocity of airplane

## Answer Key of WBP Constable Previous Year Paper 2019







1. (3)	2. (1)	3. (3)	4. (3)	5. (4)
6. (4)	7. (3)	8. (4)	9. (2)	10. (4)
11. (4)	12. (1)	13. (3)	14. (1)	15. (1)
16. (1)	17. (2)	18. (3)	19. (2)	20. (2)
21. (2)	22. (2)	23. (3)	24. (1)	25. (2)
26. (2)	27. (2)	28. (4)	29. (2)	30. (4)
31. (2)	32. (2)	33. (3)	34. (2)	35. (3)
36. (2)	37. (1)	38. (1)	39. (3)	40. (3)
41. (2)	42. (3)	43. (1)	44. (1)	45. (4)
46. (2)	47. (3)	48. (1)	49. (4)	50. (1)
51. (1)	52. (1)	53. (3)	54. (4)	55. (1)
56. (3)	57. (3)	58. (1)	59. (3)	60. (4)
61. (3)	62. (3)	63. (2)	64. (1)	65. (1)
66. (4)	67. (4)	68. (3)	69. (4)	70. (3)
71. (2)	72. (1)	73. (3)	74. (2)	75. (4)
76. (2)	77. (3)	78. (4)	79. (2)	80. (3)
81. (3)	82. (3)	83. (2)	84. (3)	85. (3)
86. (2)	87. (3)	88. (4)	89. (1)	90. (3)
91. (3)	92. (1)	93. (3)	94. (1)	95. (2)
96. (2)	97. (3)	98. (4)	99. (3)	100. (3)

## Solutions of WBP Constable Previous Year Paper 2019

Q:1 The correct answer is **Option 3** i.e. **0.02**

$$\Rightarrow 5\% \text{ of } \sqrt{(2x)} = 0.01$$

$$\Rightarrow \sqrt{(2x)} = 1/5$$



$$\Rightarrow 2x = 1/25$$

$$\Rightarrow x = 1/50$$

$$\Rightarrow x = 0.02$$

**Q:2** The correct answer is **Option 1** i.e. **5 minutes**

Let the total capacity be  $\text{lcm}(12, 16) = 48$  units

$$\Rightarrow \text{Efficiency of Pipe A} = 48/12 = 4 \text{ units}$$

$$\Rightarrow \text{Efficiency of Pipe B} = 48/16 = 3 \text{ units}$$

Let the two pipes are open for 'x' minutes

$$\Rightarrow (4 + 3)x + (9 - x)(4) = 48$$

$$\Rightarrow 3x + 36 = 48$$

$$\Rightarrow x = 4$$

$$\Rightarrow 9 - x = 5 \text{ minutes}$$

**Q:3** The correct answer is **Option 3** i.e. **2S > R**

The perimeter of rectangle = perimeter of the square

$$\Rightarrow 2(\text{length} + \text{breadth}) = 4 \times (\text{side})$$

$$\Rightarrow \text{length} + \text{breadth} = 2 \times \text{side}$$

$$\Rightarrow \text{Area of square} = (\text{side})^2 = S$$

$$\Rightarrow S = (\text{length} + \text{breadth})^2/4$$

$$R = \text{Area of rectangle} = \text{length} \times \text{breadth}$$

$$\Rightarrow S = (\text{length}^2 + \text{breadth}^2 + 2R)/4$$

$$\Rightarrow 2S = (\text{length}^2 + \text{breadth}^2)/2 + R$$

**Q:4** The correct answer is **Option 3** i.e. **5 paise**

Let the price of kite be 'x' paise

$$\Rightarrow \text{Price of Latai} = x + 100 \text{ paise}$$

$$\Rightarrow 2x + 100 = 110$$



$\Rightarrow x = 5$  paise

**Q:5** The correct answer is **Option 4** i.e. **50 Sq.cm**

Length = 10 cm

Breadth = 5 cm

$\Rightarrow$  Area =  $10 \times 5 = 50$  Sq.cm

**Q:6** The correct answer is **Option 4** i.e. **12**

$\Rightarrow \sqrt{(2^n)} = 64$

$\Rightarrow 2^{n/2} = 2^6$

$\Rightarrow n/2 = 6$

$\Rightarrow n = 12$

**Q:7** The correct answer is **Option 3** i.e. **36**

Let the two numbers be 'x', '2x' & '3x'

There H.C.F. is x which is 12

The highest number is 36.

**Q:8** The correct answer is **Option 5** i.e. **24 km/h**

Average speed =  $(2ab)/(a + b)$

Where a and b are the speed, this is applicable only when the distance in both the journey is the same.

$\Rightarrow a = 20$  km/h

$\Rightarrow b = 30$  km/h

$\Rightarrow 2 \times 20 \times 30 / 50$  km/h

$\Rightarrow 24$  km/h

**Q:9** The correct answer is **Option 2** i.e. **22°**

The sum of all angles of a triangle is equal to  $180^\circ$

$\Rightarrow 3x^\circ + 2x - 7 + 4x - 11^\circ = 180^\circ$

$\Rightarrow 9x = 198^\circ$



$$\Rightarrow x = 22^\circ$$

**Q:10** The correct answer is **Option 4** i.e. **150**

$$\Rightarrow 90\% \text{ of } A = 30\% \text{ of } B$$

$$\Rightarrow 9A = 3B$$

$$\Rightarrow 3A = B$$

$$\Rightarrow B = 2x\% \text{ of } A$$

$$\Rightarrow 3A = 2x\% \text{ of } A$$

$$\Rightarrow 3 = 2x/100$$

$$\Rightarrow x = 150$$

**Q:11** The correct answer is **Option 4** i.e. **53**

Option 1 :  $35 - 18 = 17$ , digits are not reversed.

Option 2 :  $62 - 18 = 44$ , digits are not reversed.

Option 3 :  $44 - 18 = 26$ , digits are not reversed.

Option 4 :  $53 - 18 = 35$  This is the correct answer.

**Q:12** The correct answer is **Option 1** i.e. **23**

The average of odd numbers who are in A.P. is always the middle term.

Average = 4th term

$$\Rightarrow 4\text{th term} = 20$$

$$\Rightarrow 7\text{th term} = 23$$

**Q:13** The correct answer is **Option 3** i.e. **1900 Sq. m.**

Area of a rectangle = length  $\times$  breadth

$$\Rightarrow \text{Area of garden} = 100 \times 80 = 8,000 \text{ Sq. m.}$$

$$\Rightarrow \text{Area of garden including road} = 110 \times 90 = 9,900 \text{ Sq. m.}$$

$$\Rightarrow \text{Area of road} = 9900 - 8000 = 1,900 \text{ Sq. m.}$$

**Q:14** The correct answer is **Option 1** i.e. **16 km**





Let the number of hours he walked be 'x'

⇒ Distance = speed × time

⇒  $61 = 4x + 9(9 - x)$

⇒  $61 = -5x + 81$

⇒  $5x = 20$

⇒  $x = 4$  hours

Distance =  $4 \times 4 = 16$  km

**Q:15** The correct answer is **Option 1** i.e. **2 hours 24 minutes**

Downstream speed = speed of boat + speed of stream

Upstream speed = speed of boat - speed of stream

Speed of boat =  $(12 + 8)/2 = 10$  km/h

⇒ Time =  $24/10$

⇒  $2\frac{2}{5}$  hours or 2 hours 24 minutes

**Q:16** The correct answer is **Option 1** i.e. **1 : 60**

Let the two numbers be '6a' and '6b'.

⇒  $6a \times 6b = 2160$

⇒  $ab = 60$

⇒  $\text{lcm} = 6ab = 6 \times 60 = 360$

⇒  $\text{hcf}/\text{lcm} = 6/360 = 1/60$

**Q:17** The correct answer is **Option 2** i.e. **5 Years 4 Months**

We know that simple interest =  $(\text{principal} \times \text{interest} \times \text{time})/100$

Let P be the principal which generates P interest

⇒  $P = P(18.75)t/100$

⇒  $t = 100/18.75$

⇒  $t = 4/0.75 = 5\frac{1}{3}$  years or 5 years 4 months



**Q:18** The correct answer is **Option 3** i.e. **75 years and 45 years**

Let the ages of father and son 5 years ago be  $2x$  and  $x$

⇒ Present ages :  $2x + 5, x + 5$

⇒  $3x + 10 = 100$

⇒  $x = 30$  years

After 10 years their ages would be :  $2x + 15, x + 15$

⇒ 75years, 45years

**Q:19** The correct answer is **Option 2** i.e. **25%**

Let the selling price be  $SP$  and the cost price be  $CP$

⇒  $4SP = 5CP$

⇒  $SP/CP = 5/4$

⇒ Profit% =  $1/4 = 25\%$

**Q:20** The correct answer is **Option 2** i.e. **Rs.18000**

Effective investment by A =  $7000 \times 12 = 84000$

Effective investment by B =  $x \times 7 = 7x$

⇒  $84000/7x = 2/3$

⇒  $x = \text{Rs.}18000$

**Q:21** The correct answer is **Option 2** i.e. **12 seconds**

Total length =  $137 + 163 = 300$  m

Relative speed =  $42 + 48 = 90$  km/h

⇒  $90 \times (5/18) = 25$  m/s

⇒ Time =  $300/25$

⇒ 12 seconds

**Q:22** The correct answer is **Option 2** i.e. **7 : 3**

By using the method of alligation,

⇒ Let the ratio be  $x : y$

$$\Rightarrow (16.5 - 15)/(20 - 16.5) = 1.5/3.5$$

⇒ The ratio will be  $3.5/1.5 = 7/3$

**Q:23** The correct answer is **Option 3** i.e. **9763**

A number which when divided by 3, 5, 7, 9 will leave remainders 1, 3, 5, 7 respectively.

$$\Rightarrow \text{L.C.M}(3, 5, 7, 9) - 2$$

$$\Rightarrow 315 - 2 = 313$$

$$\Rightarrow \text{Number} = 315k + 313$$

The greatest 4 digit number would be:  $315(30) + 313$

$$\Rightarrow 9450 + 313 = 9763$$

**Q:24** The correct answer is **Option 1** i.e. **260**

$$\Rightarrow 35\% \text{ of } x = 91$$

$$\Rightarrow 35x/100 = 91$$

$$\Rightarrow 260$$

**Q:25** The correct answer is **Option 2** i.e. **Rs.120**

Let C gets  $x$ , B will get  $x/4$ , A will get  $x/6$ .

$$\Rightarrow x + x/4 + x/6 = 680$$

$$\Rightarrow (12x + 3x + 2x)/12 = 680$$

$$\Rightarrow x = 480$$

B will get  $480/4 = \text{Rs.}120$

**Q:26** The correct answer is **Option 2** i.e. **36**

The nearest perfect square to 1728 is 1764 which is  $42^2$

$$\Rightarrow 1764 - 1728 = 36$$

**Q:27** The correct answer is **Option 2** i.e. **21/22, 16/20, 7/11**

Convert fractions into percentages



$$\Rightarrow 7/11 = 63.63\%$$

$$\Rightarrow 16/20 = 80\%$$

$$\Rightarrow 21/22 = 95.45\%$$

$$\Rightarrow 21/22, 16/20, 7/11$$

**Q:28** The correct answer is **Option 4** i.e. **40 years**

Let the present age of X and Y be  $3x$  and  $4x$ .

5 years ago

$$\Rightarrow (3x - 5)/(4x - 5) = 5/7$$

$$\Rightarrow 21x - 35 = 20x - 25$$

$$\Rightarrow x = 10$$

Present age of Y = 40 years

**Q:29** The correct answer is **Option 2** i.e. **1/50**

$$\Rightarrow (1 - 1/3) = 2/3$$

$$\Rightarrow (1 - 1/4) = 3/4$$

$$\Rightarrow (1 - 1/5) = 4/5$$

$$\Rightarrow 2/3 \times 3/4 \times 4/5 \times \dots \times 99/100$$

$$\Rightarrow 2/100$$

$$\Rightarrow 1/50$$

**Q:30** The correct answer is **Option 4** i.e. **Rs.68**

Let the cost price be Rs.'x'

$$\Rightarrow (1 + 12/100)x = 616$$

$$\Rightarrow x = 616/1.12$$

$$\Rightarrow x = \text{Rs.}550$$

Loss = SP - CP

$$\Rightarrow 550 - 482 = \text{Rs.}68$$





**Q:31** The correct answer is **option 2** i.e. **E**

Given series: M, N, O, L, R, I, V, ?

The series has two separate sequences:

1. M, O, R, V →

$$M + 2 = O$$

$$O + 3 = R$$

$$R + 4 = V$$

2. N, L, I, ? →

$$N - 2 = L$$

$$L - 3 = I$$

$$I - 4 = \mathbf{E}$$

**Q:32** The correct answer is **option 2** i.e. **4**

Given expression:  $12 + 6 \div 3 - 2 \times 8 = ?$

On changing the signs according to the question, expression becomes:

$$12 \div 6 - 3 \times 2 + 8$$

$$= 2 - 6 + 8$$

$$= 10 - 6$$

$$= \mathbf{4}$$

**Q:33** The correct answer is **option 3** i.e. **1**

Given series: Z Q S T L R M N Q N R T U V X **R L T** A L T Q L T

Hence, there is only **one** such 'L' in the following alphabet series that is immediately preceded by 'R' and immediately succeeded by 'T'.

**Q:34** The correct answer is **option 2** i.e. **X**

A, P, R, X, S and Z are sitting in a row. S and Z are in the centre, and A and P are at the ends. If R is sitting on the immediately left of A, then who is sitting on the immediate right of P



Thus, **X** is the correct answer.

**Q:35** The correct answer is **option 3**

Some Tennis Lovers can be Cricketers as well as Students.

Some Cricketers can be Tennis Lovers as well as Students.

Some Students can be Tennis Lovers as well as Cricketers.

Hence, option figure 3 is the best representation, as shown below:



**Q:36** The correct answer is **option 2** i.e. **8**

$$(5 \times 6) \div 2 = 30 \div 2 = 15$$

$$(6 \times 7) \div 6 = 42 \div 6 = 7$$

$$(4 \times 8) \div 4 = 32 \div 4 = 8$$

**Q:37** The correct answer is **option 1** i.e. **caba**

Let us see all the options:

1. caba: ab**cb**ca / **abcb**ca / **abc**: A pattern is clearly formed.

2. caca: ab**cb**ca**ab**ccca**abc**: No pattern is formed.

3. ccab: ab**cb**ca**cb**ca**cb**bc: No pattern is formed.

4. bcca: ab**bb**ca**cb**ccca**abc**: No pattern is formed.

**Q:38** The correct answer is **option 1** i.e. **28**

Given expression: 30 K 2 Q 3 J 6 T 5 = ?



After changing the signs according to the question, we get:

$$\begin{aligned} &30 \div 2 + 3 \times 6 - 5 \\ &= 15 + 18 - 5 \\ &= \mathbf{28} \end{aligned}$$

**Q:39** The correct answer is **option 3** i.e. **HTVSTYAD**

'DISTANCE' is written as 'IDTUBE CN'

'DOCUMENT' is written as 'ODDVNTNE'



So, 'THURSDAY' will be written as:

**Q:40** The correct answer is **option 3**

The mirror image of the given figure along the mirror is shown below:

**Note:** Since the mirror is placed vertically beside the question figure, the image will be formed by inverting the question figure horizontally about mirror.

That means the left side of the figure will become the right side and vice versa.



Hence, option 3 is correct.

**Q:41** The correct answer is **option 2** i.e. **Tissue**

Atoms together make up a molecule.

Similarly, cells together make up tissues and tissues together make up organ.

**Q:42** The correct answer is **option 3** i.e. **A**

'A' is different from others because 'A' is a vowel while other three alphabets (F, N, W) are consonants.

**Q:43** The correct answer is **option 1** i.e. **Saturday**

By converting 53 days into weeks, we get:  $53 \div 7 = 7$  weeks, 4 days

If today is Tuesday then the last day of the 7th week will also be Tuesday.

So, the next 4 days will be Wednesday, Thursday, Friday, **Saturday**.

**Q:44** The correct answer is **Option 1** i.e. **10**



10 triangles: AFG, GBH, HCI, IDJ, JEF, EIB, ACJ, FBD, EGC, ADH

**Q:45** The correct answer is **option 4** i.e. **F**

By drawing the family tree diagram according to the question, we get:

Hence, F is the uncle of J.

**Q:46** The correct answer is **option 2** i.e. **Priya**

1. Rinki is younger than Priya and Veena.

Priya / Veena > Rinki

2. Veena is older than Savita but younger than Priya.



Priya > Veena > Rinki / Savita

Hence, **Priya** is the eldest.

**Q:47** The correct answer is **option 3** i.e. **7285**

Given:

AB → 25,

BC → 57,

BD → 58,

This means B → 5, A → 2, C → 7, D → 8

then CADB = **7285**

**Q:48** The correct answer is **option 1** i.e. **South**

The movement of 'A' is as shown below:



Thus, 'A' is in the south direction with respect to his starting point.

**Q:49** The correct answer is **option 4** i.e. **43**

Given series: 3, 7, 13, 21, 31, ?

The series follows the addition of even numbers starting from 4.

$$3 + 4 = 7$$

$$7 + 6 = 13$$

$$13 + 8 = 21$$

$$21 + 10 = 31$$



31 + 12 = 43

**Q:50** The correct answer is **option 1** i.e. **Refraction**

The optical property of Mirror is Reflection.

However, the optical property of Water is Refraction.

**Q:51** The correct answer is **option 1** i.e. **Bardoli movement.**

The Bardoli Satyagraha took place in Gujarat in the year 1928.

It was considered a major part of the Civil Disobedience Movement.

Vallabhbhai Patel eventually led this Satyagraha and its success gave him the title 'Sardar'.

**Q:52** The correct answer is **option 1** i.e. **Karnam Malleswari.**

Karnam Malleswari was the first Indian woman to win an Olympic medal in Sydney 2000 Olympic Games.

**Q:53** The correct answer is **option 3** i.e. **Refraction and dispersion of light**

Light gets refracted on entering the water droplets, as it enters from air into water (lighter medium to denser medium).

When it comes out of the water droplet, the white light gets dispersed, forming a rainbow.

**Q:54** The correct answer is **option 4** i.e. **Delhi - New Delhi.**

Delhi - New Delhi is not a twin city.

Twin cities are a special case of two cities or urban centres that are founded in close geographic proximity and then grow into each other over time.

**Q:55** The correct answer is **option 1** i.e. **Asbestos.**

Fire-fighting clothes used to be made of asbestos in the past.

Because of its carcinogenic properties and other harmful effects, they are replaced by other substitutes.

**Q:56** The correct answer is **option 3** i.e. **Gopal Krishna Gokhale.**

Gopal Krishna Gokhale established the Servants of India Society.

Founded in 1905.

**Q:57** The correct answer is **option 3** i.e. **Uganda.**

Zika virus was first discovered in 1947 and is named after the Zika Forest in Uganda.

**Q:58** The correct answer is **option 1** i.e. **Akbar.**



Mansabdari was introduced by Mughal emperor Akbar in 1571AD.

The word Mansab is of Arabic origin meaning rank or position.

**Q:59** The correct answer is **option 3** i.e. **Earth**.

Planet Earth is called the 'Blue Planet' due to the abundant water on its surface.

**Q:60** The correct answer is **option 4** i.e. **Lignite**.

Lignite is often referred to as brown coal.

It is a soft, brown, combustible, sedimentary rock.

Formed from naturally compressed peat.

**Q:61** The correct answer is **option 3** i.e. **Sarat Chandra Chattopadhyay**.

Sarat Chandra Chattopadhyay was known by the pseudonym 'Anila Devi'.

He was a Bengali novelist and short story writer of the early 20th century.

**Q:62** The correct answer is **option 3** i.e. **Dadabhai Naoroji**.

Dadabhai Naoroji was the first Indian to estimate the national income of the country.

**Q:63** The correct answer is **option 2** i.e. **10<sup>9</sup>**.

1 GB = 10<sup>9</sup> bytes

**Q:64** The correct answer is **option 1** i.e. **Fish**.

Fish contains the most protein.

**Q:65** The correct answer is **option 1** i.e. **It will be a storm**.

A barometer is a scientific instrument that is used to measure air pressure in a certain environment.

When a barometer reading suddenly recedes, it indicates that the climate will be extremely stormy.

**Q:66** The correct answer is **option 4** i.e. **Water formed by isotopes of hydrogen**.

Heavy water is a form of water that contains the only deuterium.

Formula: D<sub>2</sub>O

**Q:67** The correct answer is **option 4** i.e. **Uttar Pradesh**.

The Tropic of Cancer is a latitudinal circle passing through the 23°27' N latitude.



It passes through eight Indian states, namely Rajasthan, Gujarat, Madhya Pradesh, Chhattisgarh, West Bengal, Tripura and Mizoram.

**Q:68** The correct answer is **option 3** i.e. **General election**.

Voter verifiable paper audit trail (VVPAT) or verified paper record (VPR) is a method of providing feedback to voters using a ballotless voting system.

It is an independent verification system for voting machines designed to allow voters to verify that their vote was cast correctly, to detect possible election fraud or malfunction, and to provide a means to audit the stored electronic results.

**Q:69** The correct answer is **option 4** i.e. **Iron and Vitamin-D**

Milk does not contain Iron and Vitamin D. Hence, it is not considered as a balanced diet.

**Q:70** The correct answer is **option 3** i.e. **Global System for Mobile**.

The Global System for Mobile Communications (GSM) is a standard developed by the European Telecommunications Standards Institute (ETSI).

It is used to describe the protocols for second-generation (2G) digital cellular networks used by mobile devices such as mobile phones and tablets.

**Q:71** The correct answer is **option 2** i.e. **Cricket**.

Smriti Shrinivas Mandhana is an Indian cricketer who plays for the Indian women's national team.

She was named the Best Women's International Cricketer in June 2018.

**Q:72** The correct answer is **option 1** i.e. **Karnataka**.

Bandipur National Park is a national park located in the Indian state of Karnataka.

Established in 1974

**Q:73** The correct answer is **option 3** i.e. **Lord William Bentinck**.

Sati or suttee is a historical Hindu practice in which a widow was forced to sacrifice herself by sitting atop her deceased husband's funeral pyre.

Governor Lord Bentinck with help of Rammohun Roy, Dwarkanath Tagore, Prasanna Kumar Tagore, Kashinath Roy Chowdhury and others formed the 'Satidaha' abolition act on December 4, 1829.

**Q:74** The correct answer is **option 2** i.e. **Animal**.

A sponge is under Animalia kingdom.

**Q:75** The correct answer is **option 4** i.e. **Aurangzeb**.





Aurangzeb was called "Zinda Pir" or "Living Saint" in Mughal India.

**Q:76** The correct answer is **option 2** i.e. **Drama**.

Girish Karnad was an Indian playwright, author, actor, and film director.

He was a recipient of the 1998 Jnanpith Award.

**Q:77** The correct answer is **option 3** i.e. **Toluene**.

Saccharin is a non-nutritive or artificial sweetener.

It's made in a laboratory by oxidizing the chemicals o-toluene sulfonamide or phthalic anhydride.

It is commonly used as a sugar substitute because it doesn't contain calories or carbs.

**Q:78** The correct answer is **option 4** i.e. **4th January**.

The day on which the minimum distance between the sun and the earth is 3rd or 4th January.

It is called the perihelion.

That day, the gap between earth and sun was about 148 km aside.

**Q:79** The correct answer is **option 2** i.e. **Boxing**.

A jab is a type of punch used in martial arts.

A short straight boxing punch delivered with the leading hand is called Jab.

**Q:80** The correct answer is **option 3** i.e. **Raazi**.

Raazi was declared the best film at the 64th Filmfare 2019.

Held on 23 March 2019 in Mumbai.

**Q:81** The correct answer is **option 3** i.e. **Bimal Jalan**.

The book "The Future of India" was written by **Bimal Jalan**, the former Governor of Reserve Bank of India (RBI).

**Q:82** The correct answer is **option 3** i.e. **Lord Pathic Lawrence**

To maintain India's unity and grant its independence, the Cabinet Mission came to India to negotiate the transition of powers from the British Government to the Indian leadership.

It was headed by **Lord Pathic Lawrence**

**Q:83** The correct answer is **option 2** i.e. **Article 32**.

Article 32 of the Indian Constitution is described by Dr BR Ambedkar as the heart and soul of the Constitution.

Article 32: "Right to Constitutional Remedies" was made to deal to ensure that no citizen stays deprived of using their Fundamental Rights and affirms the right to move to the Supreme Court if and or Constitutional Right of any citizen has been "unduly deprived".

**Q:84** The correct answer is **option 3** i.e. **Fragile teeth.**

Fluoride deficiency can cause tooth and bone weakness.

Tooth decay or dental caries or cavities is the breakdown of teeth due to acids made by bacteria.

**Q:85** The correct answer is **option 3** i.e. **Akbar.**

Fatehpur Sikri is a town in the Agra District of Uttar Pradesh, India.

Founded by Emperor Akbar in 1571.

**Q:86** The correct answer is **option 2** i.e. **Winter.**

In winter our body needs more fat.

**Q:87** The correct answer is **option 3** i.e. **South Africa.**

South Africa's President Cyril Ramaphosa graced the chief guest's place on India's Republic Day 2019.

**Q:88** The correct answer is **option 4** i.e. **Pomology.**

Pomology is a branch of botany that studies fruit and its cultivation.

**Q:89** The correct answer is **option 1** i.e. **Yangzi.**

The Yangtze or Yangzi is the longest river in Asia.

It rises at Jari Hill in the Tanggula Mountains.

**Q:90** The correct answer is **option 3** i.e. **Energy.**

A kilowatt-hour is a unit of energy equal to 3600 kilojoules.

It is used as a billing unit for energy.

**Q:91** The correct answer is **option 3** i.e. **Pinaki Chandra Ghose.**

A Lokpal is an anti-corruption authority or body of ombudsman who represents the public interest in the Republic of India.

**Q:92** The correct answer is **option 1** i.e. **Liver.**

The liver is the largest organ in the human body.

It weighs approximately 3–3.5 pounds or 1.36–1.59 kilograms.



**Q:93** The correct answer is **option 3** i.e. **Silver bromide**.

A Chemical Change on Silver-halide Film Results in the Creation of an Image. Camera film uses silver halides (such as silver chloride, bromide or iodide) as the materials exposed to light.

**Q:94** The correct answer is **option 1** i.e. **1919**.

The Jallianwala Bagh massacre took place on 13 April 1919.

Held at Jallianwala Bagh in Amritsar, Punjab to protest against the arrest of pro-Indian independence leaders Dr Saifuddin Kitchlu and Dr Satya Pal.

**Q:95** The correct answer is **option 4** i.e. **Tokyo**.

The 2024 'Summer Olympics' be held in Paris.

**Q:96** The correct answer is **option 2** i.e. **Football**.

The Nehru Cup was an international association football tournament organised by the All India Football Federation (AIFF). It was named after the first Prime Minister of India, Jawaharlal Nehru.

Launched in 1982.

**Q:97** The correct answer is **option 3** i.e. **100th**.

The Prime Ministers of India and Bangladesh signed the Land Boundary Agreement in 1974.

A revised version of the agreement was adopted by the two countries on 7 May 2015, when the Parliament of India passed the 100th Amendment to the Constitution of India.

**Q:98** The correct answer is **option 4** i.e. **Black**.

The sky appears blue due to the scattering of light.

As there is no atmosphere in space and hence light does not scatter into its constituent colours sky appears dark instead of blue to an astronaut in space.

**Q:99** The correct answer is **option 3** i.e. **Mahatma Gandhi**.

The Kaisar-i-Hind Medal for Public Service in India was a medal awarded by the Emperor/Empress of India between 1900 and 1947.

Awarded to those who shall have distinguished himself (or herself) by important and useful service in the advancement of the public interest in India.

The name 'Kaisar-i-Hind' means 'Emperor of India'.



Mohandas Gandhi was awarded the Kaisar-i-Hind in 1915 by The Lord Hardinge of Penshurst for his contribution to ambulance services in South Africa.

**Q:100** The correct answer is **option 3** i.e. **Distance covered**.

An odometer is an instrument used for measuring the distance travelled by a vehicle, such as a motorcycle or a car.

## WB Police Constable Exam Preparation Tips

Here are some tips for using the WB Police Constable previous year papers:

- **Solve the papers under timed conditions:** This will help you to get a feel for the real exam and to practice managing your time effectively.
- **Analyze your performance:** After solving each paper, analyze your performance to identify your strengths and weaknesses. This will help you to focus your preparation on the areas where you need the most improvement.
- **Compare your performance with other candidates:** You can compare your performance with other candidates by taking online mock tests or by joining a study group. This will help you to assess your standing and to identify areas where you need to improve.
- **Start your preparation early:** The WBPC exam is a competitive exam, so it is important to start your preparation early. This will give you enough time to cover all of the topics in the syllabus and to practice solving questions.
- **Create a study schedule:** Create a study schedule and stick to it as much as possible. This will help you to stay on track and to make progress in your preparation.
- **Use a variety of study materials:** Use a variety of study materials, such as textbooks, reference books, and online resources. This will help you to learn the material in different ways and to retain it better.
- **Practice solving questions:** Practice solving questions from the WBPC previous year papers and from other sources. This will help you to get a feel for the type of questions that are asked in the exam and to improve your problem-solving skills.
- **Take breaks:** It is important to take breaks during your preparation. This will help you to stay focused and to avoid burnout.

Overall, the WBP Constable previous year papers are a valuable resource for candidates preparing for the WBP Constable exam. By using the papers effectively, you can increase your chances of success in the exam. Stay tuned since **The Dhronas** will keep bringing to you more previous years of WBP exams.