PREVIOUS YEAR PAPER

MP Police Constable 2017 — 9 September 2017, Shift 2

MP Police Constable · 9 September 2017 · 03:00 PM

66 of the paper's 100 questions · marks per question not printed on the question booklet

Left out of the original paper: 34 (any question that needs a figure, a symbol or formatting we cannot show, or whose text did not read back cleanly from the booklet).

Questions from the Professional Examination Board, Madhya Pradesh (now the MP Employees Selection Board)'s paper of 9 September 2017, 03:00 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/mp-police-constable/previous-year-papers/mp-police-constable-2017-9-sep-shift-2/

General Knowledge and Logical Knowledge

1. Who is the Foreign Secretary of India?
   (a) S Jaishankar
   (b) Ajit Doval
   (c) Sushma Swaraj
   (d) Radhika Menon
   Answer: (a)

2. Who is known as ‘Sher-e-Punjab’?
   (a) Jawaharlal Nehru
   (b) Mahatma Gandhi
   (c) Lala Hardayal
   (d) Lala Lajpat Rai
   Answer: (d)

3. Who is the Union Minister for Ganga Rejuvenation?
   (a) Uma Bharathi
   (b) Thaawar Chand Gehlot
   (c) Ananth Kumar
   (d) Radha Mohan Singh
   Answer: (a)

4. 'Mission 41K' has been launched to save energy by
   (a) Ministry of Health
   (b) Ministry of Railways
   (c) Ministry of Petroleum and Natural Gas
   (d) Ministry of New and Renewable Energy
   Answer: (b)

5. How many 4-digit numbers can be formed with 1, 2, 3 0, 8, which are divisible by 10?

(a) 6
(b) 24
(c) 12
(d) 18

Answer: (b)

6. Which game is the state-sport in Madhya Pradesh?

(a) Kho-Kho
(b) Volleyball
(c) Kabaddi
(d) Malkhamb

Answer: (d)

7. Which one of the following is the first shipyard of India?

(a) Visakhapatnam
(b) Paradeep
(c) Mazagaon
(d) Cochin

Answer: (a)

8. Which is the largest state in India in terms of area?

(a) Uttar Pradesh
(b) Rajasthan
(c) Maharashtra
(d) Madhya Pradesh

Answer: (b)

9. Which is the largest cotton growing state in India?

(a) Gujarat
(b) Andhra Pradesh
(c) Maharashtra
(d) Madhya Pradesh

Answer: (a)

10. Which of the following constructions in Madhya Pradesh has NOT won the Aga Khan Award for Architecture?

(a) Aranya Community Housing, Indore
(b) Vidhan Bhavan, Bhopal
(c) Slum Networking, Indore
(d) Vallabh Bhawan, Bhopal

Answer: (d)

11. Which of these is the smallest ocean in the world?

(a) Atlantic ocean
(b) Indian Ocean
(c) Arctic ocean
(d) Pacific Ocean

Answer: (c)

12. Known as a great humanist, _____was the eldest son of Mughal emperor Shah Jahan. _____

(a) Dara Shikoh
(b) Akbar
(c) Aurangzeb
(d) Shah Shuja

Answer: (a)

13. Davis cup is awarded to:

(a) Countries
(b) Zones
(c) Individuals
(d) Districts

Answer: (a)

14. If eraser is called pencil, pencil is called box, box is called sharpener, sharpener is called bag, what does one write with?

(a) box
(b) bag
(c) eraser
(d) pencil

Answer: (a)

15. Dispur is the capital of:

(a) Tripura
(b) Arunachal Pradesh
(c) Manipur
(d) Assam

Answer: (d)

16. Pt. Uddhavdas Mehta Vaidya Shastri Ayurved Sewa Samman 2017 was conferred by the Madhya Pradesh government on

(a) Government Dhanwantri Ayurvedic Hospital
(b) Pt. Khushilal Sharma Ayurveda College, Bhopal
(c) Mandsaur Institute of Ayurveda
(d) Pt. Shivnath Shastri Ayurveda College

Answer: (b)

17. If you were visiting Mawsynram the wettest place on Earth by annual rainfall, which state would you be in?

(a) Tripura
(b) Manipur
(c) Meghalaya
(d) Nagaland

Answer: (c)

18. Who took over as the President of the International Economic Forum in June, 2017?

(a) Kaushik Basu
(b) Raghuram Rajan
(c) Amartya Sen
(d) Jagadish Bhagwati

Answer: (a)

19. The temple of Shri Mahakaleshwar is situated in the south-western part of _____city.

(a) Ujjain
(b) Indore
(c) Omkareshwar
(d) Khajuraho

Answer: (a)

20. Kancheepuram Silk sarees are native to which st ?

(a) Tamil Nadu
(b) Karnataka
(c) Andhra Pradesh
(d) Kerala

Answer: (a)

22. M is elder than R but not as old as L. L is elder than N and K. N is younger than R but not the youngest. Who is the fourth in order of the age?

(a) R
(b) M
(c) L
(d) N

Answer: (d)

23. If TOGETHER is coded RQEGRJCT, then how is FLOWER coded?

(a) DMNYCT
(b) DNMXCT
(c) DNMYDT
(d) DNMYCT

Answer: (d)

24. First CM of Madhya Pradesh was _____.
    (a) Sanjay Jagdale
    (b) Jayant Mallayya
    (c) Anup Kumar
    (d) Ravishankar Shukla
    Answer: (d)

25. New political parties in India are accorded recognition by_____.
    (a) Election Commission
    (b) Vice-President of India
    (c) High Court
    (d) Prime Minister of India
    Answer: (a)

26. Choose the number which is different from others in the group:

29, 53, 85, 125
    (a) 29
    (b) 125
    (c) 53
    (d) 85
    Answer: (b)

27. Complete the series choosing the missing numb

1, 3, 4, 8, 15, 27, _____
    (a) 50
    (b) 37
    (c) 55
    (d) 44
    Answer: (a)

28. Complete the series choosing the missing number:

2, 7, 22, _____, 202
    (a) 67
    (b) 68
    (c) 62
    (d) 60
    Answer: (a)

29. Complete the series choosing the missing number:

2, 15, 41, 80, _____

(a) 111
(b) 132
(c) 120
(d) 121

Answer: (b)

32. Complete the series choosing the missing letter/s:

ab__aba__b__

(a) a, a, a
(b) a, b, b
(c) b, b, b
(d) b, a, a

Answer: (a)

33. Select the option that is true about the Statements and Conclusions given:

Statements:

All chairmen are members

All directors are members

Conclusions:

I. All chairmen are directors

II. Some chairmen are directors

(a) both conclusion I and II follows
(b) only conclusion II follows
(c) only conclusion I follows
(d) neither conclusion I nor conclusion II follows

Answer: (d)

34. Select the option that is true about the Statements and Conclusions given:

Statements:

All prisoners are jailor

No jailor is a curator

Conclusions:

I. No prisoner is a curator

II. All prisoners are curators

(a) both conclusion I and II follows
(b) only conclusion II follows
(c) only conclusion I follows
(d) neither conclusion I nor conclusion II follows

Answer: (c)

35. Select the option that is true about the Statements and Conclusions given:

Statements:

Some mugs are plugs

All plugs are rugs

Conclusions:

I. Some rugs are mugs

II. No mugs are rugs

(a) both conclusion I and II follows
(b) only conclusion II follows
(c) only conclusion I follows
(d) neither conclusion I nor conclusion II follows

Answer: (c)

36. Select the option that is true about the Statements and Conclusions given:

Statements:

No blots are clots

Some blots are floats

Conclusions:

I. No blots are floats

II. Some blots are floats

(a) both conclusion I and II follows
(b) only conclusion II follows
(c) only conclusion I follows
(d) neither conclusion I nor conclusion II follows

Answer: (d)

37. Find the odd one out:

125, 343, 1331, 2197, 3375

(a) 1331
(b) 343
(c) 3375
(d) 2197

Answer: (c)

38. In a certain code language, massage is relaxing means loc pit tom, and tom jab nim means exercise is taxing, exercise and massage means pit pon jab. Which is the word for taxing in that code language?

(a) mot
(b) nim
(c) jab
(d) tom

Answer: (b)

39. If BULLET is coded LUBTEL, then how is PELMET coded?

(a) LEPMET
(b) LEPTEM
(c) LETPEM
(d) MEPELT

Answer: (b)

40. If PLASTIC is coded CITSALP, then how is REVIVER coded?

(a) VERVIER

(b) VIRVIER

(c) REVIVER

(d) RIVER

Answer: (c)

Mental Ability and Mental Aptitude

8. Ten men earn Rs.200 per day. Find the average money earned per day by the 10 men when the money earned by 5 of them is doubled and other 5 of them is halved.

(a) Rs.200

(b) Rs.220

(c) Rs.210

(d) Rs.250

Answer: (d)

9. Ram is older than Shyam by 6 years. If 9 times the age of Ram is equal to 10 times the age of Shyam. Find the age of Ram.

(a) 45

(b) 12

(c) 27

(d) 60

Answer: (d)

10. A person has to complete a journey in 10 h. avels first half of the journey at the rate of 10 kmph, and second half at the rate of 12 kmph. Find the approx total journey in km.

(a) 150 km

(b) 100 km

(c) 120 km

(d) 110 km

Answer: (d)

12. Find the cost price of a dressing table, if, on selling it for Rs. 1235, the trader gains Rs. 347.

(a) Rs. 888

(b) Rs. 777

(c) Rs. 788

(d) Rs. 877

Answer: (a)

15. From a survey of factory products P, Q and R, it was found that 230 consumers liked Product P; 62 liked Product Q; and 48 liked Product R. Among them 24 liked Product P and Q; 59 liked Products P and R; 42 liked Products Q and R; and 12 liked all three products. What is the total number of products?

(a) 427
(b) 227
(c) 527
(d) 327

Answer: (b)

16. In a can of 80 litres, the ra o of milk to water is 1 : 3. How much milk has to be added, so that the ra o becomes 3 : 1?

(a) 160 litres
(b) 60 litres
(c) 130 litres
(d) 210 litres

Answer: (a)

18. The average of 11 numbers is 10.9. If the average of the first six numbers is 10.5 and that of the last six numbers is 11.4, then what is the middle (6th) number?

(a) 11.5
(b) 11.4
(c) 11.3
(d) 11.0

Answer: (a)

19. The average age of a father and mother is 22 years. Four years hence, the average age of father, mother, and their son will be 18 years. What will be the age of the son at that me?

(a) 3 years
(b) 4 years
(c) 2 years
(d) 1 years

Answer: (c)

20. A tree 8m in height cast its shadow 5 m long; another tree cast its shadow 25 m long. Find the height of the tree.

(a) 40 m
(b) 30 m
(c) 35 m
(d) 25 m

Answer: (a)

21. Ramesh travels from Rampur to Sitapur at a speed of 25 km/h and returns at a speed of 30 km/h. Suresh travels from Rampur to Sitapur and returns with an average speed of 28 km/h. If Ramesh and Suresh start at the same me, then who will reach first?

(a) Suresh
(b) Both reach at the same me
(c) Ramesh
(d) None of the above

Answer: (a)

24. Arvind purchased a table at a discount of 10 %. If the table is priced at Rs. 400 how much does Arvind need to pay?

(a) Rs. 410
(b) Rs. 380
(c) Rs. 400
(d) Rs. 360

Answer: (d)

26. In a school, 100 boys and 80 girls are examined in a test, 48% of the boys and 30% of girls passed. The percentage of the total who failed will be:

(a) 60%
(b) 65%
(c) 70%
(d) 55%

Answer: (a)

28. The profit on a certain article is 25 %. If it ...en bought at 10 % discount and sold for 20 % more than the earlier cost, the profit would have been Rs. 600. What is the cost price of the article?

(a) Rs. 1,500
(b) Rs. 1,000
(c) Rs. 2,000
(d) Rs. 1,200

Answer: (b)

30. Find the average.

74, 79, 84, 89, 94 & 96

(a) 87
(b) 82
(c) 86
(d) 84

Answer: (c)

Science and Simple Arithmetic

6. Find a number whose double is 84 more than its half.

(a) 72
(b) 56
(c) 64
(d) 48

Answer: (b)

7. If the lengths of two adjacent sides of a parallelogram are 5cm and 6cm, respectively, then its perimeter is:

(a) 32 cm
(b) 11 cm
(c) 22 cm
(d) 36 cm

Answer: (c)

8. Which of the following is NOT a fossil fuel?

(a) Coal
(b) Petroleum
(c) Natural gas
(d) Wood

Answer: (d)

9. Which of the following does NOT use magnetic ef[illegible] of electric current?

(a) Electric bulb
(b) Electric motor
(c) Electric bell
(d) Electric fan

Answer: (a)

11. Granulated Zn when treated with sodium hydroxide gives:

(a) Zinc oxide
(b) Sodium zincate
(c) Sodium hydride
(d) Zinc hydroxide

Answer: (b)

12. Cutting and piercing tools are made sharp to:

(a) Increase the force applied
(b) Bring about change in the speed
(c) Reduce the area and increase pressure
(d) Increase the area and decrease pressure

Answer: (c)

13. What is the smallest number by which 875 must be divided so that the quotient may be a perfect cube.

(a) 7
(b) 5
(c) 3
(d) 9

Answer: (a)

14. Component of an electric circuit that turn off automatically when there is an overload or a short circuit are called_____.

(a) cell
(b) miniature circuit breakers
(c) compact fluorescent lamp
(d) ordinary electric fuse

Answer: (b)

15. In reflection, the angle of reflection is equal to:

(a) One-fourth of the angle of incidence
(b) Double the angle of incidence
(c) The angle of incidence
(d) Half of the angle of incidence

Answer: (c)

17. The simple interest on a certain sum of money fo years at 10% per annum is Rs. 240. What will be the compound interest on that sum at th ame e of interest for the same period?

(a) Rs. 252
(b) Rs. 264
(c) Rs. 266
(d) Rs. 248

Answer: (a)

21. Which of the following cleans the atmosphere of many of its pollutants?

(a) Wind
(b) Hydrogen
(c) Oxygen
(d) Rain

Answer: (d)

23. Ploughing makes the soil to be _____.

(a) removed of weeds only
(b) upturned and loosened only
(c) aerated and easy to manure only
(d) All the above

Answer: (d)

24. Leucocytes are called white blood cells because:

(a) There is no specific reason

(b) They fight diseases

(c) They appear like milk drops

(d) They are colourless

Answer: (d)

28. In a rectangle PQRS, the diagonals meet at 'O'. If OR = 5x - 1 and OQ = 2x + 5, then x =____.

(a) 3

(b) 4

(c) 2

(d) 1

Answer: (c)

29. A shopkeeper buys an article for Rs. 500 and marks it at 20% above the cost price. If he sells it at 14% discount, then his SP is:

(a) Rs. 524

(b) Rs. 516

(c) Rs. 528

(d) Rs. 518

Answer: (b)

Answer key

Answer key from the Professional Examination Board, Madhya Pradesh (now the MP Employees Selection Board)'s official answer key for this sitting. "—" means the key gave none.

General Knowledge and Logical Knowledge

1	**(a)**	2	**(d)**	3	**(a)**	4	**(b)**	5	**(b)**	6	**(d)**	7	**(a)**	8	**(b)**
9	**(a)**	10	**(d)**	11	**(c)**	12	**(a)**	13	**(a)**	14	**(a)**	15	**(d)**	16	**(b)**
17	**(c)**	18	**(a)**	19	**(a)**	20	**(a)**	22	**(d)**	23	**(d)**	24	**(d)**	25	**(a)**
26	**(b)**	27	**(a)**	28	**(a)**	29	**(b)**	32	**(a)**	33	**(d)**	34	**(c)**	35	**(c)**
36	**(d)**	37	**(c)**	38	**(b)**	39	**(b)**	40	**(c)**						

Mental Ability and Mental Aptitude

8	**(d)**	9	**(d)**	10	**(d)**	12	**(a)**	15	**(b)**	16	**(a)**	18	**(a)**	19	**(c)**
20	**(a)**	21	**(a)**	24	**(d)**	26	**(a)**	28	**(b)**	30	**(c)**				

Science and Simple Arithmetic

6	**(b)**	7	**(c)**	8	**(d)**	9	**(a)**	11	**(b)**	12	**(c)**	13	**(a)**	14	**(b)**
15	**(c)**	17	**(a)**	21	**(d)**	23	**(d)**	24	**(d)**	28	**(c)**	29	**(b)**		