PREVIOUS YEAR PAPER

MP Police Constable 2016 — 17 July 2016, Shift 1

MP Police Constable · 17 July 2016 · 09:00 AM

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

Left out of the original paper: 41 (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 17 July 2016, 09:00 AM. 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-2016-17-jul-shift-1/

General and Logical Knowledge

1. India exports all of the following except
   (a) Copper
   (b) Manganese
   (c) Mineral oil
   (d) Iron ore
   Answer: (c)

2. Which of the following was the First High Court est shed in India?
   (a) Madras High Court
   (b) Bombay High Court
   (c) Calcutta High Court
   (d) Allahabad High Court
   Answer: (c)

3. Who is the current chief economic advisor to the Government of India?
   (a) Subramanian Swamy
   (b) Arvind Subramanian
   (c) Kaushik Basu
   (d) Raghuram Rajan
   Answer: (b)

4. Which of these companies is not a manufacturer of chassis for heavy commercial vehicles?
   (a) Tata Motors
   (b) Ashok Leyland
   (c) Volvo
   (d) Maruti Suzuki
   Answer: (d)

6. The sun temple is located at
   (a) Amritsar
   (b) Konark
   (c) Hampi
   (d) Ajanta Ellora
   Answer: (b)

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

Statements:

All bats are balls

All balls are balloons

Conclusions:

I. Some balloons are bats

II. All balloons are bats
   (a) Only conclusion I follows
   (b) Only conclusion II follows
   (c) Both conclusion I and II follows
   (d) None of the conclusion I or II follows
   Answer: (a)

8. Where does the Chambal Originate from?
   (a) Janapav Hills
   (b) Mikkai Ranges
   (c) Sagar District
   (d) Rewa District
   Answer: (a)

9. The positions of the second and the eighth digits of the number 39128564 are interchanged. Similarly, the positions of the fourth and the fifth digits are interchanged. The positions of the first and the sixth digits are interchanged and the positions of the third and the seventh digits are interchanged. Which of the following will be the third digit to the left of 3 after the arrangement?
   (a) 2
   (b) 4
   (c) 6
   (d) 8
   Answer: (c)

10. Which of the following States has had the continuous longest duration of President's Rule in India?

(a) Punjab
(b) Jammu & Kashmir
(c) Puducherry
(d) Madhya Pradesh

Answer: (b)

13. If cream cracker means computer programming, and its cream cracker, then it's not programming.

(a) True
(b) False
(c) Maybe
(d) Irrelevant

Answer: (b)

15. The minimum age for the members of Rajya Sabha is -

(a) 25 years
(b) 21 years
(c) 30 years
(d) 35 years

Answer: (c)

16. Cattle get affected by Foot and mouth disease d to ___.

(a) Fungi
(b) Virus
(c) Bacteria
(d) Amoeba

Answer: (b)

17. Find out the pair which is different from the other in the following question.

(a) Sister and Brother
(b) Uncle and Aunt
(c) Grandfather and Grandson
(d) Father in law and son in law

Answer: (b)

18. The Reserve Bank of India is a ____.

(a) Central Bank
(b) Commercial Bank
(c) Co-operative Bank
(d) Lead Bank

Answer: (a)

19. Which of the following belongs to the same family as Basket, Pail and Pan?

(a) Knife
(b) Spoon
(c) Fork
(d) Bowl

Answer: (d)

20. Amarkantak is also known as_____.

(a) Satpura
(b) Avanti
(c) Tirthraj
(d) Pushkar

Answer: (c)

21. A call center company had to arrange transportation for its employees. They asked for quotes from different provider agencies and the following are the options they got: A. This option allows having uniform rate for day and night trips. This would cost you Rs.1000 per trip.

B. This option has differential fare for day and night trips. Day trips would cost 700 per trip and night trips would be charged 1200 per trip.

C. This option charges depending on the total distance covered in a trip. It charges Rs.800 per trip if trip distance is more than 50 KM and Rs.1100 if trip distance is less than 50KM. If the company has 2 day trips exceeding 50KM and 3 night trips less than 50KM, which option would be the best?

(a) A
(b) B
(c) C
(d) Either A or C

Answer: (c)

22. Which is the vowel which follows 'Q' when the word, 'TRANQULITIY' is reversed?

(a) A
(b) E
(c) I
(d) O

Answer: (a)

23. 'Hinglajgarh fort' is situated in which district of Madhya Pradesh?

(a) Neemuch
(b) Mandsaur
(c) Rajgarh
(d) Tikamgarh

Answer: (b)

24. In which year was Mahavira born?
    (a) 599 BC
    (b) 602 BC
    (c) 400 BC
    (d) 540 BC
    Answer: (b)

25. Harappa was named so by
    (a) John Marshall
    (b) R D Bannerjee
    (c) DayaramSahni
    (d) Aurel Stein
    Answer: (a)

26. Who founded the web based email Hotmail?
    (a) Jimmy Ankelasaria
    (b) NR Murthy
    (c) Sabeer Bhatia
    (d) Azim Premji
    Answer: (c)

27. Who is the Chairman of National Water Resource C ncil?
    (a) Prime Minister
    (b) President
    (c) Union Minister of Water Resources
    (d) Vice President
    Answer: (a)

28. What is the capital of Telangana?
    (a) Secunderabad
    (b) Hyderabad
    (c) Nizamabad
    (d) Karimnagar
    Answer: (b)

29. Lat-Ki-Masjid is located at___.
    (a) Bhopal
    (b) Dhar
    (c) Anuppur
    (d) Morena
    Answer: (b)

36. Directions: 5 persons are sitting in row. One of the two persons at the extreme ends is intelligent and other one is fat. A fat person is sitting to the right of a weak person. A tall person is to the left of the fat person. And the weak person is sitting between the intelligent and fat person

If the fair person and fat person exchange their position, so also tall and weak, then who will be sitting to the left of the weak person

(a) Intelligent
(b) Fat
(c) Fair
(d) Tall

Answer: (c)

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

Statements:

All readers are poets

All writers are readers

Conclusions:

I. All readers are writers

II. All writers are poets

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follows
(d) None of the conclusion I or II follows

Answer: (b)

Mental Ability and Mental Aptitude

1. Find the two numbers whose sum is 43 and their difference is 7.

(a) 30 , 13
(b) 25,18
(c) 23,20
(d) 36,7

Answer: (b)

3. Selling price of 50 pens is equal to cost price of 80 such pens. What will be the profit or loss after the

(a) 40% profit
(b) 40% loss
(c) 50% profit
(d) None of these

Answer: (d)

5. If ABCDEF is coded as ZYXWVU then what will be the code for FERRARI?

(a) UVIIZIR
(b) IZUUVUM
(c) UIVVMVZ
(d) MUZZVZ

Answer: (a)

6. If 'WOMEN' is encrypted as 'OWMNE', how is 'NOTES' encrypted as?

(a) OTNES
(b) NOETS
(c) SETON
(d) ONTSE

Answer: (d)

8. In the following question, one term in the number series is wrong. Find out the wrong term.

19,2,38,3,116,4,456

(a) 19
(b) 4
(c) 116
(d) 38

Answer: (c)

9. Complete the series choosing the missing number:

1,3,6,11,_____29

(a) 15
(b) 13
(c) 20
(d) 18

Answer: (d)

10. Two dice are thrown simultaneously. What is the probability of getting even digits on both the dice?

(a) 1/6
(b) 1/4
(c) 1/3
(d) 1/2

Answer: (b)

11. Two dice are thrown simultaneously. What is the probability of getting odd digits on both the dice?

(a) 1/2
(b) 1/3
(c) 1/4
(d) 1/6

Answer: (c)

12. If 'LPPHGLDWH' is encrypted as 'IMMEDIATE' how is 'WRSVHFUHW' encrypted as?

(a) YUVKIXKY
(b) FAITHFUL
(c) TOPSBRASS
(d) TOPSECRET

Answer: (d)

13. Complete the series choosing the missing letter

_ bca _ _ ab _

(a) cbcc
(b) ccba
(c) abac
(d) abcc

Answer: (d)

14. A walks at 4 km

(a) 20 km
(b) 24 km
(c) 28 km
(d) 32 km

Answer: (d)

15. In a certain code, 2346 is the code for ALUR and 15789 is the code for EGKPT. What does 23549 represent in the code.

(a) EPALR
(b) AGULT
(c) KLUPR
(d) ALGUT

Answer: (d)

16. If the selling price of 16 water bottles is equal to the cost price of 17 water bottles. Find the gain percent earned by the leader?

(a) 2 %
(b) 6 %
(c) 3 %
(d) 1 %

Answer: (b)

17. Find the value of K, if $\sqrt{3}$: 4 and K: 24 are proportional.

(a) $5\sqrt{3}$
(b) $3\sqrt{3}$
(c) $6\sqrt{3}$
(d) $8\sqrt{3}$

Answer: (c)

21. The HCF of 2,3,and 5

(a) 0
(b) 1
(c) 3
(d) 5

Answer: (b)

22. Find the average of numbers between 25 and 75, which are multiples of 7?

(a) 49
(b) 42
(c) 56
(d) 63

Answer: (a)

24. A can do a work in 12 days and B in 16 days. They undertook to do it for Rs. 6000. With the help of 'C' they completed the work in 6 days. What is the share of B?

(a) Rs. 2000
(b) Rs. 1880
(c) Rs. 2250
(d) Rs. 2440

Answer: (c)

25. If 'DIVISION' is encrypted as 'DVISIOIN', how is 'STATES' encrypted as?
    (a) SATETS
    (b) STAETS
    (c) SATTES
    (d) SAETTS
    Answer: (a)

26. Complete the series choosing the missing number:

121,144,169,____,225
    (a) 190
    (b) 196
    (c) 200
    (d) 198
    Answer: (b)

29. In how many ways can 7 persons be seated round a table?
    (a) 5040
    (b) 720
    (c) 120
    (d) 2520
    Answer: (b)

30. With a uniform speed, a car covers the distance 6 hrs. Had the speed been increased by 10 km
    (a) 420 km
    (b) 450 km
    (c) 400 km
    (d) 410 km
    Answer: (a)

Science and Simple Arithmetic

3. The diameter of a hydrogen atom is 0.000000000106 m. The Standard form of this number is
    (a) 1.06 × 1010 m
    (b) 1.06 × 10-9 m
    (c) 1.6 × 10-10 m
    (d) 1.06 × 10-10 m
    Answer: (d)

7. Which vessels carry CO_2 rich blood from all parts of the body back to the heart?

(a) Arteries
(b) Veins
(c) Capillaries
(d) Arterioles

Answer: (b)

12. Which one of the following numbers is not a square of any natural numbers?

(a) 17956
(b) 18225
(c) 53361
(d) 63592

Answer: (d)

13. The components of an electric circuit

(a) Conducting wire
(b) Switch
(c) Battery
(d) All of the above

Answer: (d)

17. Which acid is the building block of protein molecul[illegible]?

(a) Fatty acids
(b) Amino acids
(c) Formic acids
(d) Acetic acids

Answer: (b)

18. Name the initiative taken by the government of India to eradicate Polio

(a) Polio eradication initiative
(b) Polio immunization programme
(c) Pulse Polio Immunization programme
(d) Polio vaccination programme

Answer: (c)

19. Network of tubes called Tracheae are the respiratory organs of

(a) Insects
(b) Earthworm
(c) Fishes
(d) Mussels

Answer: (a)

24. Reason for excessive currents in a circuit
    (a) Direct touching of wires due to wear and tear of insulation
    (b) Connecting many devices to a single socket
    (c) Both A & B
    (d) Voltage fluctuation
    Answer: (c)

25. How many concentric circles can be drawn inside a circle of radius 100 m?
    (a) 100
    (b) 10
    (c) 50
    (d) Infinite
    Answer: (d)

28. Two metals that can be cut with a knife are
    (a) Aluminium & Iron
    (b) Sodium & Potassium
    (c) Copper & Zinc
    (d) Silver & Gold
    Answer: (b)

30. A simple tool used for removing weeds & for loos ıg the soil is
    (a) Plough
    (b) Hoe
    (c) Seed drill
    (d) Cultivator
    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 and Logical Knowledge

1	**(c)**	2	**(c)**	3	**(b)**	4	**(d)**	6	**(b)**	7	**(a)**
8	**(a)**	9	**(c)**	10	**(b)**	13	**(b)**	15	**(c)**	16	**(b)**
17	**(b)**	18	**(a)**	19	**(d)**	20	**(c)**	21	**(c)**	22	**(a)**
23	**(b)**	24	**(b)**	25	**(a)**	26	**(c)**	27	**(a)**	28	**(b)**
29	**(b)**	36	**(c)**	40	**(b)**						

Mental Ability and Mental Aptitude

1	**(b)**	3	**(d)**	5	**(a)**	6	**(d)**	8	**(c)**	9	**(d)**
10	**(b)**	11	**(c)**	12	**(d)**	13	**(d)**	14	**(d)**	15	**(d)**
16	**(b)**	17	**(c)**	21	**(b)**	22	**(a)**	24	**(c)**	25	**(a)**
26	**(b)**	29	**(b)**	30	**(a)**						

Science and Simple Arithmetic

3	**(d)**	7	**(b)**	12	**(d)**	13	**(d)**	17	**(b)**	18	**(c)**
19	**(a)**	24	**(c)**	25	**(d)**	28	**(b)**	30	**(b)**		