PREVIOUS YEAR PAPER

MP Police Constable 2017 — 3 September 2017, Shift 1

MP Police Constable · 3 September 2017 · 09:00 AM

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

Left out of the original paper: 26 (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 3 September 2017, 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-2017-3-sep-shift-1/

General Knowledge and Logical Knowledge

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

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

Answer: (b)

2. Which of the following countries does not share a der with India?

(a) Myanmar
(b) Burma
(c) Nepal
(d) Bhutan

Answer: (b)

3. Which one of the following languages is not recognized in the Eighth Schedule to the Constitution of India?

(a) Urdu
(b) Sanskrit
(c) English
(d) Nepali

Answer: (c)

4. On 29th June, 2017 India’s latest communication satellite, GSAT-17 was launched from which country?

(a) Russia
(b) India
(c) France
(d) USA

Answer: (c)

5. Panchayati Raj was recommended by
   (a) Balwantrai Mehta Committee
   (b) Fazlali Commission
   (c) Sarkaria Commission
   (d) Rajamannar Committee
   Answer: (a)

7. The Indian constitution declares Hindi in _____script to be the official language of the union.
   (a) Nandinagari
   (b) Devanagari
   (c) Brahmi
   (d) Gurmukhi
   Answer: (b)

8. If PRIZES is coded QQJYFR, then how is WINNER coded?
   (a) XHOMFQ
   (b) XHOMEQ
   (c) XHPMFQ
   (d) XHONFQ
   Answer: (a)

9. Malwa Utsav 2017 was held in
   (a) Khandwa
   (b) Khajuraho
   (c) Indore
   (d) Bhopal
   Answer: (c)

10. Who among the following is the winner of the World Food Prize for 2014?
   (a) Baldev Singh Dhillon
   (b) Rajendra Singh Paroda
   (c) Sanjaya Rajaram
   (d) Sir Fazle Hasan Abed
   Answer: (c)

11. Who became the first Indian female para-athlete to win a medal in the 2016 Rio Paralympics? / 2016
   (a) Karamjyoti Dalal
   (b) Pooja
   (c) Deepa Malik
   (d) Mariyappan
   Answer: (c)

12. Who is the Union Minister of Human Resource Development?

(a) Radha Mohan Singh
(b) Smriti Irani
(c) Prakash Javadekar
(d) Harsh Vardhan

Answer: (c)

13. Who was the first Muslim president of India?

(a) Fakhruddin Ali Ahmed
(b) Zakir Hussain
(c) Mohammad Hidayatullah
(d) APJ Abdul Kalam

Answer: (b)

14. Find the odd one out:

(a) Fear
(b) Feelings
(c) Love
(d) Hatred

Answer: (b)

16. In a certain code language, col mein doka means very good boy; doka fisg kaa means boy and girl. Which is the word for boy in that code language

(a) doka
(b) mein
(c) col
(d) fisg

Answer: (a)

17. If 4th of a 30-day month falls on the Sunday, what will be the day on 20th

(a) Tuesday
(b) Monday
(c) Wednesday
(d) Thursday

Answer: (a)

19. Four numbers have been given of which all numbers except one share some common property and hence are alike, while one is different. Choose the odd one out:

(a) 468
(b) 269
(c) 246
(d) 248

Answer: (b)

20. Complete the series choosing the missing number:

5, 7, 10, 14, 19, _____

(a) 26
(b) 25
(c) 24
(d) 23

Answer: (b)

21. Complete the series choosing the missing number:

7, 9, 12, 16, ____

(a) 19
(b) 20
(c) 21
(d) 22

Answer: (c)

23. According to the National Policy for Children, 2013 a child is a person who is below the age of

(a) 18 Years
(b) 16 Years
(c) 10 Years
(d) 12 Years

Answer: (a)

24. Andaman and Nicobar islands is in the

(a) Bay of Bengal
(b) Indian Ocean
(c) Arabian Sea
(d) Pacific Ocean

Answer: (a)

25. State that was formed after it was separated from Madhya Pradesh is

(a) Uttarakhand
(b) Chhattisgarh
(c) Bihar
(d) Jharkhand

Answer: (b)

26. Very high grade Iron Ore is found in the districts of

(a) Morena and Rewa
(b) Durg and Bastar
(c) Ratlam and Dhar
(d) Ujjain and Kalumar

Answer: (b)

27. Who among the following is the first Indian sportsperson to reach the finals in the World Badminton Championship (Women) in 2015?

(a) Jwala Gutta
(b) Ashwini Ponnappa
(c) Saina Nehwal
(d) P.V. Sindhu

Answer: (c)

29. In a certain code language, Red color chalk means 367, Yellow color flower means 691, White color chalk means 356. Which is the number for White in that code language?

(a) 6
(b) 3
(c) 9
(d) 5

Answer: (d)

31. Where are the Dilwara group of Jain temples located ?

(a) Bhuj
(b) Vadodara
(c) Puri
(d) Mount Abu

Answer: (d)

32. Complete the series choosing the missing letter

ABC, BDF, CFI, _____

(a) DHK
(b) DGJ
(c) DGL
(d) DHL

Answer: (d)

33. Complete the series choosing the missing number:

15, 90, 540, 3240, _____

(a) 18440
(b) 16440
(c) 19440
(d) 17440

Answer: (c)

34. Which number would be in the tens place when 'Three thousand five hundred and six' is reversed?

(a) 6
(b) 0
(c) 5
(d) 3

Answer: (c)

35. If MASTER is coded LZRSDQ, then, how is TELEPHONE coded?

(a) PHONETELE
(b) SDKDENOPH
(c) SDKDOGNMD
(d) SDOHPELET

Answer: (c)

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

Statements:

All screws are nails

All nails are bolts

Conclusions:

I. All screws are bolts

II. All bolts are screws

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

Answer: (d)

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

Statements:

All cubes are cuboids

All cuboids are cylinders

Conclusions:

I. All cuboids are cubes

II. All cylinders are cuboids

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

Answer: (a)

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

Statements:

All dots are lines

All lines are triangles

Conclusions:

I. All dots are triangles

II. All triangles are dots

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

Answer: (b)

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

Statements:

All labels are stickers

All papers are labels

Conclusions:

I. All papers are stickers

II. All stickers are labels

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

Answer: (b)

40. Read the following instructions carefully and answer question.

I. Six friends 1, 2, 3, 4, 5 and 6 are sitting in a closed circle facing the center. II. 5 is to the left of 4.

III. 3 is between 1 and 2.

IV. 6 is between 5 and 1.

Who is to the left of 2?

(a) 5
(b) 3
(c) 4
(d) 1

Answer: (c)

Mental Ability and Mental Aptitude

5. Find the average.

2, 6, 12, 20, 26 & 36

(a) 21
(b) 13
(c) 17
(d) 19

Answer: (c)

6. Mahesh sells two cars at 1,75,000 Rs. each. He makes a profit of 15 % on one and a loss of 15 % on the other. The overall loss or profit is:

(a) 2 % loss
(b) 0 %
(c) 5 % profit
(d) 2.25 % loss

Answer: (d)

7. If 3 numbers are in the ratio of 3 : 2 : 5, such that the sum of their squares is equal to 1862, what is the middle number?

(a) 34
(b) 14
(c) 25
(d) 30

Answer: (b)

8. The product of 1014 and 986 is:

(a) 998804
(b) 999804
(c) 998814
(d) 998904

Answer: (b)

9. A man sold two radios at Rs. 924 each. On the sale of one radio, he gains 20%, and on the other he loses 20%. How much does he gain or lose in the whole transaction?

(a) 2 % loss
(b) 3 % profit
(c) 4 % loss
(d) 5 % profit

Answer: (c)

10. A man is 24 years older than his son. In two years his age will be twice the age of his son. The present age of his son is?

(a) 18 years
(b) 20 years
(c) 14 years
(d) 22 years

Answer: (d)

11. What is the sum of the first 20 terms of the series:

0.5 + 1.0 + 1.5 + 2.0 + 2.5 + _____?

(a) 215
(b) 105
(c) 210
(d) 110

Answer: (b)

12. What is the difference between the distances travelled by the 10.5 cm hour-hand and the 14 cm minute-hand of a clock from 8:00 a.m. to 6:00 p.m., on a particular day?

(a) 825 cm
(b) 88 cm
(c) 22 cm
(d) 33 cm

Answer: (a)

13. If one litre of water is added to 4 litres of sugar solution containing 25 % sugar, the percentage of sugar in the new solution will be:

(a) 30 %
(b) 25 %
(c) 20 %
(d) 15 %

Answer: (c)

14. Suresh said that, the total age of my three s including me is 50 and also eldest. All ages are prime numbers. What are the cousin's ages?

(a) 11, 13, 19
(b) 11, 13, 17
(c) 7, 11, 13
(d) 5, 11, 17

Answer: (c)

15. Rajesh age is twice the age of Radha. Radha's age is one-third of her father Ramesh age. If Ramesh is 36 years old, then what is the age of Rajesh?

(a) 24 years
(b) 36 years
(c) 48 years
(d) 30 years

Answer: (a)

16. If the length of the rectangle is increased by 10% and breadth of the rectangle is increased by 20%, the area of the resulting rectangle increases by what percentage?

(a) 32%
(b) 24%
(c) 36%
(d) 30%

Answer: (a)

17. Tap A fills a tank in five hours, Tap B fills the same tank in fifteen hours, and Tap C empties the tank in ten hours. When all the three taps are opened together, the tank will be filled up within:

(a) 6 hr
(b) 10 hr
(c) 3 hr
(d) 5 hr

Answer: (a)

18. A can do a piece of work in 18 days and B can do the same work in 9 days. They begin together but A leaves and the rest of the work is done by B in 3 days. How many days had A and B worked together? / A

(a) 4
(b) 6
(c) 5
(d) 3

Answer: (a)

19. Samyak's age after 4 years will be 6 times [illegible] 6 years back. What is the present age of Samyak?

(a) 10
(b) 4
(c) 5
(d) 8

Answer: (d)

20. The average of the marks scored by the girls in a class is 73.2 and that of the marks scored by the boys is 71.8. If the class average is 72.8, then, what is the ratio of the number of boys to that of number of girls in the class?

(a) 3 : 4
(b) 5 : 2
(c) 4 : 3
(d) 2 : 5

Answer: (d)

21. The average weight of a team of 12 players is 72 kg. When the weight of the captain is also included, the average weight increases by 1 kg. What is the weight of the captain?

(a) 72 kg
(b) 85 kg
(c) 84 kg
(d) 73 kg

Answer: (b)

22. A bag contains 50 paise, 25 paise, and 10 paise coins in the ratio 5 : 9 : 4 amounting to Rs. 206. Find the number of 25-paise coins.

(a) 540
(b) 360
(c) 400
(d) 420

Answer: (b)

23. A 20 litres acid solution is 90 % pure. How much acid is required to make it 95 % pure?

(a) 20 Litre
(b) 5 Litre
(c) 10 Litre
(d) 22 Litre

Answer: (a)

25. Find the average of all prime numbers between and 30?

(a) 12
(b) 18.66
(c) 20
(d) 15

Answer: (b)

26. Shalu's father was 38 years old when Shalu was born while her mother was 36 years when her brother, four years younger to her, was born. What is the age difference between Shalu's parents?

(a) 6 years
(b) 2 years
(c) 4 years
(d) 5 years

Answer: (a)

27. The distance between A and B is 40 km. A person starts from A at 10:00 a.m. and walks towards B at 4 km/h. Another person starts from B at 11:00 a.m. and walks towards A at 5 km/h. At what time will the two meet?

(a) 4:00 pm
(b) 3:00 pm
(c) 2:00 pm
(d) 3:30 pm

Answer: (b)

29. A man starts to walk towards sunset. He walks for 5 km and turns right. He walks for 3 km, then turns left and walks for 3 km, and then again turns left and walks for 3 km. Finally, he turns left, walks for 6 km and stops.

What is the distance between his starting and stopping points?

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

Answer: (a)

Science and Simple Arithmetic

6. Find the selling price, if cost price = Rs. 16000 and profit % = 9%.

(a) Rs. 17440
(b) Rs. 15540
(c) Rs. 10000
(d) Rs. 16440

Answer: (a)

7. Area of rhombus is 120 sq cm. If one diagonal is 20 cm, then the other diagonal is:

(a) 12 cm
(b) 10 cm
(c) 15 cm
(d) 14 cm

Answer: (a)

9. In which type of quadrilaterals do the diagonals intersect each other at right angles?

(a) Trapezium
(b) Parallelogram
(c) Kite
(d) None of these

Answer: (c)

10. How many measures are required to draw a quadrilateral?
    (a) 5
    (b) 3
    (c) 4
    (d) 2
    Answer: (a)

11. The total surface area of cuboid of length 6 m and breadth 5 m is 126 sq m, then its height is: / 6
    (a) 4 m
    (b) 2 m
    (c) 3 m
    (d) 5 m
    Answer: (c)

14. Which is the highest level of organisa on?
    (a) Organism
    (b) Atoms
    (c) Cells
    (d) Biosphere
    Answer: (d)

15. What will happen if like poles of two magnets are b ught together?
    (a) They repel each other.
    (b) They attract each other.
    (c) They sometimes attract and sometim
    (d) They neither attract nor repel.
    Answer: (a)

18. Which of the following can make you ill if you come in contact with an infected person?
    (a) Influenza
    (b) Polio
    (c) Cancer
    (d) High blood pressure
    Answer: (a)

19. The main excretory product of human being is:
    (a) Ammonia
    (b) Uric acid
    (c) Carbon dioxide
    (d) Urea
    Answer: (d)

20. Deep Sea divers wear special suits to:
    (a) Protect from high pressure of the sea
    (b) Protect themselves from marine animals
    (c) Protect the body from getting wet
    (d) Maintain their body temperature

    Answer: (a)

21. The ICUN Red list helps in:
    (a) Comprehensive list of migratory birds
    (b) Geographical distribution of only human population
    (c) Conversion of fertile land into desert
    (d) Assessing global conservation status of plant and animal species

    Answer: (d)

22. Magnetic effect of electric current was discovered by a scientist named:
    (a) Michael Faraday
    (b) Johnson
    (c) Rutherford
    (d) Hans Christian Oersted

    Answer: (d)

23. The process of dissolving base in water is:
    (a) With no heat exchange
    (b) Endothermic
    (c) Exothermic
    (d) Explosive

    Answer: (c)

24. Recently at Chennai on 28th January 2017, two merchant ships collided near the Kamarajar port, and there was a great destruction to the marine life. It was due to:
    (a) Lead poisoning
    (b) Acid rain
    (c) Release of sewage from the city
    (d) Oil spills

    Answer: (d)

25. Neha sees full moon on a particular day. After how many days will she be able to see the full moon again?
    (a) 30 days
    (b) 31 days
    (c) 29 days
    (d) 23 days

    Answer: (c)

28. Compound interest on Rs. 5000 at 12% pa for 1 ½ years, if the interest is compounded semi annually is:

(a) Rs. 955

(b) Rs. 955.08

(c) Rs. 944

(d) Rs. 950.08

Answer: (b)

30. Runs scored by 11 players of a cricket team during cricket match are as follows: 52, 63, 20, 0, 47, 81, 30, 40, 71, 3, 0. Then the average is:

(a) 36.9

(b) 38

(c) 37.19

(d) 37

Answer: (d)

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	**(b)**	2	**(b)**	3	**(c)**	4	**(c)**	5	**(a)**	7	**(b)**
8	**(a)**	9	**(c)**	10	**(c)**	11	**(c)**	12	**(c)**	13	**(b)**
14	**(b)**	16	**(a)**	17	**(a)**	19	**(b)**	20	**(b)**	21	**(c)**
23	**(a)**	24	**(a)**	25	**(b)**	26	**(b)**	27	**(c)**	29	**(d)**
31	**(d)**	32	**(d)**	33	**(c)**	34	**(c)**	35	**(c)**	36	**(d)**
37	**(a)**	38	**(b)**	39	**(b)**	40	**(c)**				

Mental Ability and Mental Aptitude

5	**(c)**	6	**(d)**	7	**(b)**	8	**(b)**	9	**(c)**	10	**(d)**
11	**(b)**	12	**(a)**	13	**(c)**	14	**(c)**	15	**(a)**	16	**(a)**
17	**(a)**	18	**(a)**	19	**(d)**	20	**(d)**	21	**(b)**	22	**(b)**
23	**(a)**	25	**(b)**	26	**(a)**	27	**(b)**	29	**(a)**		

Science and Simple Arithmetic

6	**(a)**	7	**(a)**	9	**(c)**	10	**(a)**	11	**(c)**	14	**(d)**
15	**(a)**	18	**(a)**	19	**(d)**	20	**(a)**	21	**(d)**	22	**(d)**
23	**(c)**	24	**(d)**	25	**(c)**	28	**(b)**	30	**(d)**		