PREVIOUS YEAR PAPER

MP Police Constable 2016 — 8 August 2016, Shift 1

MP Police Constable · 8 August 2016 · 09:00 AM

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

Left out of the original paper: 48 (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 8 August 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-2016-8-aug-shift-1/

General and Logical Knowledge

1. Indica is written by

(a) Kautilya
(b) ChandraguptMaurya
(c) Megasthenes
(d) Porus

Answer: (c)

2. Where was the Ancient Olympics held?

(a) Rome
(b) Greece
(c) Egypt
(d) None of these

Answer: (b)

4. In the following question, some group of letters is given, all of which, except one, share a common similarity while one is different. Choose the odd one out.

(a) PRT
(b) MOQ
(c) GEC
(d) TVX

Answer: (c)

5. If mobile phone is turned on, then if someone cries then the rotator rotates. The rotator is rotating while the phone is on, then someone is definitely crying.

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

Answer: (a)

6. Introducing a woman, a man said, "Her father's only son is my father". How is the man related to the woman?

(a) Father
(b) Son
(c) Brother
(d) Nephew

Answer: (d)

7. Keshav Jayanti Samaroh is held in_____.

(a) Bhopal
(b) Dhar
(c) Orchha
(d) Bhind

Answer: (d)

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

Statements:

All students are intelligent

Ramu is not intelligent

Conclusions:

I. Ramu is not a student

II. Ramu has to go to school

(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)

9. Which Mughal emperor was defeated by Sher Shah Suri at Kannauj in 1540?

(a) Akbar
(b) Babur
(c) Aurangzeb
(d) Humayun

Answer: (d)

10. ____ is called city of Nawabs.
    (a) Pune
    (b) Lucknow
    (c) Chennai
    (d) Agra
    Answer: (b)

11. The Judges of Supreme Court retire on attaining the age of
    (a) 62 years
    (b) 65 years
    (c) 68 years
    (d) 66 years
    Answer: (b)

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

Statements:

All lawyers are doctors

All doctors are engineers

Conclusion:

I.All lawyers are engineers

II.All engineers are lawyers
    (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)

13. Who was the first Chief Minister of Uttar Pradesh?
    (a) Govind Ballabh Pant
    (b) Kailash Nath Katju
    (c) Kanhaiyalal Munshi
    (d) Lal Bhahdur Shastri
    Answer: (a)

14. If A+B means A is the sister of B and B+C means B is the brother of C, how is A related to C?
    (a) A is the niece of C
    (b) A is the brother of C
    (c) A is the sister of C
    (d) A is the mother of C
    Answer: (c)

15. In the following question, there is certain relationship between the first two terms. Choose the fourth term from the following options which has a similar kind of relation with the third term.

M :13 :: S: ?

(a) 14
(b) 22
(c) 19
(d) 11

Answer: (c)

17. Chhatrapati international airport is in which city?

(a) Mumbai
(b) Delhi
(c) Pune
(d) Kolkata

Answer: (a)

19. A,B,C,D and E are five rivers. A is shorter than B but longer than E. C is the longest and D is a little shorter than B and a little longer than A. Which is the largest river?

(a) B
(b) C
(c) D
(d) E

Answer: (b)

22. Select the statement that is the negation of "If you like Black film, then you like White."

(a) You don't like Black film and you like White
(b) You like Black film and you don't like White
(c) If you don't like Black film, then you don't like White
(d) If you don't like White, then you don't like Black film

Answer: (b)

23. Who was conferred the Kalidas award for the year 2014-15?

(a) Mohan Maharishi
(b) Ramdarash Mishra
(c) Mahesh Alkunchwar
(d) Subhadra Kumari Chauhan

Answer: (c)

24. Where is the Gandhi Sagar Sanctuary located?

(a) Rewa
(b) Jabalpur
(c) Mandsaur
(d) Son

Answer: (c)

25. Select the statement that is the negation of this statement "If you did not pay enough, we will send you a bill."

(a) You did not pay enough and we won't send you a bill

(b) You did not pay enough or we will send you a bill

(c) If you paid enough, then we won't send you a bill

(d) If you did not pay enough, we won't send you a bill

Answer: (d)

26. 'Captain' is related to 'soldier' in the same way as 'leader' is related to

(a) Chair

(b) Follower

(c) Party

(d) Minister

Answer: (b)

28. There are five persons P,Q,R,S and T. One is foot ball player, one is chess player and one is hockey player. P and S are unmarried ladies and do not participate in any game. None of the ladies play chess or football. There is a married couple in which T is the husband. Q is the brother of R and is neither a chess player nor a hockey player.

Who is the chess player?

(a) P

(b) Q

(c) R

(d) T

Answer: (d)

30. Which of the following airports in Jammu and Kashmir is called Sheikh-ul-Alam Airport?

(a) Srinagar Airport

(b) Kargil Airport

(c) Poonch Airport

(d) Jammu Airport

Answer: (a)

31. 31)

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

Statements:

Some chocolates are brownies

All brownies are gems

Conclusions:

I. All gems are brownies

II. Some gems are chocolates

(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)

32. In the first battle of Panipat, who was defeated by Babur
(a) Prithviraj Chauhan
(b) Timur
(c) Ibrahim Lodhi
(d) Qutub Khan

Answer: (c)

33. Babita Kumari was conferred with the Arjuna Award in 2015 for her achievements in_____.
(a) Boxing
(b) Archery
(c) Wrestling
(d) Ball Badminton

Answer: (c)

34. Sex ratio in India refers to
(a) Number of females per thousand males
(b) Number of males per thousand females
(c) Number of male children per thousand males
(d) Number of male children per thousand females

Answer: (a)

35. Richard is fifteenth from the front in a column of boys. There were thrice as many behind him as there were in front. How many boys are there between Richard and the seventh boy from the end of the column?

(a) 33
(b) 34
(c) 35
(d) Data inadequate

Answer: (c)

36. The R.B.I. does not transact the business of which of the following State governments?

(a) Nagaland
(b) J & K
(c) Punjab
(d) Assam

Answer: (b)

37. Who became the first Indian to win two medals at the same shooting World Cup?

(a) Gagan Narang
(b) Abhinav Bindra
(c) Rajyavardhan Rathore
(d) Gurpeet Singh

Answer: (a)

40. Which sacred town is nestled in Northern Vindh[illegible]s?

(a) Chitrakoot
(b) Sanchi
(c) Ujjain
(d) Shivpuri

Answer: (a)

Mental Ability and Mental Aptitude

1. If nC-1 = nC5 , then n = ?

(a) 10
(b) 14
(c) 12
(d) 18

Answer: (c)

2. The average runs scored by a batsman in 20 innings is 35.How many runs should he score in the next innings so as to increase his average by 4 runs?

(a) 119
(b) 120
(c) 118
(d) 121

Answer: (a)

5. Complete the series choosing the missing letter

DE, IJ, NO, ____, XY

(a) QR
(b) RS
(c) PQ
(d) ST

Answer: (d)

10. A pipe can fill a tank three times as fast as another pipe. If both are opened, the tank is full in 18 min then the slower pipe alone will be able to fill the tank in

(a) 72 min
(b) 75 min
(c) 80 min
(d) 82 min

Answer: (a)

13. Find the value of x and y if x+y=6 and 4x

4x+7y=36

(a) 2,4
(b) 4,2
(c) 1,1
(d) 0,0

Answer: (a)

15. Find the odd one out

8, 12, 16, 32, 35, 40

(a) 32
(b) 35
(c) 12
(d) 40

Answer: (b)

16. If 'RAM IS A GOOD BOY' is coded as 'JUQ SV U RZZL KZN', then 'YOGA' is coded as

(a) NZKL
(b) ZORU
(c) NZRU
(d) UZNR

Answer: (c)

18. In the ratio 1:3, what positive number should be subtracted to make the ratio 5:4?

(a) 11
(b) 12
(c) 10
(d) 8

Answer: (a)

19. The below series uses a sequence of alphabets and numbers. Identify the incorrect combination.

(i) JQ235698P9T4

(ii) JQ235698P9T4

(iii) JQ235698P9T4

(iv) JQ235998P9T4

(a) i
(b) ii
(c) iii
(d) iv

Answer: (d)

20. The printed price of book is Rs. 320. A retailer pays Rs. 244.80 for it. He gets Successive discount of 10% & another rate. What is the second rate?

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

Answer: (a)

21. Complete the series choosing the missing number:

3, 18, 38, 63, 93, 128, ___

(a) 148
(b) 138
(c) 140
(d) 168

Answer: (d)

23. The sum of two numbers is 2400. If 9% of one number is equal to 7% of the other, then the numbers are

(a) 1050, 1350
(b) 1000, 3000
(c) 2800, 1200
(d) None of these

Answer: (a)

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

(a) 15
(b) 31
(c) 64
(d) 1

Answer: (c)

Science and Simple Arithmetic

1. Use the following information to answer the question

Marks scored by students

What is Mahesh's Ranking?

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

Answer: (d)

2. Find the volume of a cylinder of radius 3 feet and height 1 feet.

(a) 3 cubic feet
(b) 6 cubic feet
(c) 9 cubic feet
(d) 24 cubic feet

Answer: (c)

6. The sum of the digits of a two-digit number is seven. By interchanging the digits it is twenty seven more than the original number. Then the original number is _____

(a) 20 + 5
(b) -20 + 5
(c) 20 + -5
(d) -20 + -5

Answer: (a)

10. Find the sum of all prime numbers between 80 and 100

(a) 340
(b) 269
(c) 350
(d) 356

Answer: (b)

13. Musical Instrument Flute produces sound using

(a) Membrane
(b) String
(c) Air column
(d) Hollow pipe

Answer: (c)

16. Separation of good seeds from bad is done by _____

(a) Hand picking
(b) Winnowing
(c) Soaking in a container
(d) None of the above

Answer: (c)

19. Which of the following statements is WRONG?

(a) In sea breeze, wind blows from sea to land
(b) In land breeze, wind blows from land to sea
(c) Sea breeze occurs during night
(d) Land breeze occurs during night

Answer: (c)

29. In humans, Sound signals are sent to the brain through the

(a) Tympanum
(b) Outer ear
(c) Middle ear
(d) Inner ear

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 and Logical Knowledge

1	**(c)**	2	**(b)**	4	**(c)**	5	**(a)**	6	**(d)**	7	**(d)**
8	**(a)**	9	**(d)**	10	**(b)**	11	**(b)**	12	**(a)**	13	**(a)**
14	**(c)**	15	**(c)**	17	**(a)**	19	**(b)**	22	**(b)**	23	**(c)**
24	**(c)**	25	**(d)**	26	**(b)**	28	**(d)**	30	**(a)**	31	**(b)**
32	**(c)**	33	**(c)**	34	**(a)**	35	**(c)**	36	**(b)**	37	**(a)**
40	**(a)**										

Mental Ability and Mental Aptitude

1	**(c)**	2	**(a)**	5	**(d)**	10	**(a)**	13	**(a)**	15	**(b)**
16	**(c)**	18	**(a)**	19	**(d)**	20	**(a)**	21	**(d)**	23	**(a)**
25	**(c)**										

Science and Simple Arithmetic

1	**(d)**	2	**(c)**	6	**(a)**	10	**(b)**	13	**(c)**	16	**(c)**
19	**(c)**	29	**(d)**								