PREVIOUS YEAR PAPER

MP Police Constable 2016 — 31 July 2016, Shift 2

MP Police Constable · 31 July 2016 · 12:00 PM

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

Left out of the original paper: 52 (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 31 July 2016, 12:00 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-2016-31-jul-shift-2/

General and Logical Knowledge

1. The National Museum that houses art objects dating from pre historic era onwards, functions under _____ , Government of India.

(a) Ministry of Tourism
(b) Ministry of Science & Technology
(c) Ministry of Culture
(d) Ministry of Commerce & Industry

Answer: (c)

2. In which district is the Waiganga canal?

(a) Barna dam
(b) Balaghat District
(c) Vidhsha District
(d) Raisen District

Answer: (b)

4. FM broadcasting is radio broadcasting using _____ technology.

(a) Free Movement
(b) Frequency Modulation
(c) Frequency Movement
(d) Free Motion

Answer: (b)

5. Six persons A,B,C,D,E and F were playing a card game. A's father, mother and uncle were in the group. There were two females. B, the mother of A got more points than her husband. D got more points in the game than E but less than F. Niece of E got the lowest points. Father of A got more points than F but still could not win the game. Who is the husband of 'B'?

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

Answer: (b)

6. Who is the recipient of the Sahitya Akademi award for Hindi poetry for the year 2015?

(a) Ramdarash Mishra
(b) Dhian Singh
(c) Ram Shankar Awasthi
(d) Brajendra Brahma

Answer: (a)

7. Duladeo Temple is located at_____.

(a) Wasvi
(b) Antri
(c) Khajuraho
(d) Sadalpur

Answer: (c)

9. 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) A
(b) O
(c) U
(d) Y

Answer: (d)

10. Which of the following is the world famous miner egion of India?

(a) Shillong Plateau
(b) Malwa Plateau
(c) Chhotanagapur Plateau
(d) Deccan Plateau

Answer: (c)

12. He was Jehangir's son

(a) Shah Jahan
(b) Aurangzeb
(c) Akbar
(d) Babur

Answer: (a)

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

Statements:

All papers are sheets

All sheets are books

Conclusions:

I. All papers are books

II. All books are papers

(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)

14. This person was awarded the Nobel prize for his work in economics.

(a) Amartya Sen
(b) Har Gobind Khorana
(c) Venkatraman Ramakrishnan
(d) Subrahmanyan Chandrashekhar

Answer: (a)

15. How many temples did the Chandelas build ajuraho?

(a) 85
(b) 74
(c) 65
(d) 22

Answer: (a)

16. Which Bharat Ratna awardees has written the book “The First Decade and After”?

(a) PD Tandon
(b) Chidambaram Subramaniam
(c) Gulzari Lal Nanda
(d) APJ Abdul Kalam

Answer: (b)

18. The Dandi march was part of the

(a) Quit India Movement
(b) Khilafat Movement
(c) Civil Disobedience Movement
(d) Non Cooperation Movement

Answer: (c)

19. Who founded the Mamluk dynasty?
    (a) Ibhrahim Lodi
    (b) Balban
    (c) Qutub-ud-din
    (d) Rukn-ud-din-Firuz
    Answer: (c)

20. What is the day on 1 June 2080?
    (a) Monday
    (b) Tuesday
    (c) Saturday
    (d) Thursday
    Answer: (c)

23. Mahe, which is situated on the Malabar coast on the Western Ghats, is a part of :
    (a) Kerala
    (b) Maharashtra
    (c) Puducherry
    (d) Tamil Nadu
    Answer: (c)

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

Statements:

All pillars are walls

All walls are houses

Conclusions:

I. All houses are pillars

II. All pillars are houses
    (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)

26. Which one of these states does NOT border Bihar?
    (a) Assam
    (b) West Bengal
    (c) Uttar Pradesh
    (d) Jharkhand
    Answer: (a)

27. Following are the three positions of a cube.

What is the name in the face opposite to the face having name JIM?

(a) TOM
(b) RON
(c) MEL
(d) JACK

Answer: (c)

32. Which Article empowers the President to dissolve the Lok Sabha at any time before its tenure?

(a) Article 95
(b) Article 75
(c) Article 85
(d) Article 65

Answer: (c)

33. Which of the following districts of Madhya Pradesh shares its borders with 2 other states?

(a) Alirajpur
(b) Guna
(c) Chhatarpur
(d) Anuppur

Answer: (a)

34. 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.

LXNU : NYPV :: QTBR : ?

(a) SDSU
(b) RSUD
(c) SUDS
(d) SRUD

Answer: (c)

36. 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 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)

37. How many combinations of two digit number having 8 can be made from the following numbers?

(a) 9
(b) 10
(c) 11
(d) 12

Answer: (c)

40. Six friends A, B, C, D, E and F are sitting in a circle facing the centre. E is to the left of D. C is between A and B. F is between E and A.

Who is sitting third to the left of A?

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

Answer: (c)

Mental Ability and Mental Aptitude

1. Complete the series choosing the missing number:

1,2,5,10,17,26,_____

(a) 35
(b) 37
(c) 36
(d) 38

Answer: (b)

3. The word MISTAKE is coded as 9765412 and NAKED as 84123. Using the same code, write DISTANT.

(a) 4798165
(b) 3697185
(c) 3765485
(d) 4768296

Answer: (c)

6. In an examination, 36% of the students failed in English and 40% failed in Hindi. If 20% of the students failed in both subjects, then the pass percentage is

(a) 40%
(b) 42%
(c) 44%
(d) 46%

Answer: (c)

8. A and B together can complete a work in 6 days. If A alone can do the same work in 15 days, in how many days can B alone complete that work?

(a) 8 days
(b) 10 days
(c) 12 days
(d) 9 days

Answer: (b)

16. If PAPER is coded as QCSIW then PROC M is ded as

(a) QSPHSBN
(b) QTRKWGT
(c) QTRKWTG
(d) QWTRKGT

Answer: (b)

17. The average of first 20 multiples of 7 is?

(a) 73.5
(b) 73
(c) 74.5
(d) 74

Answer: (a)

18. In a certain code language CRICKET is coded as BQHBJDS then in that language BASKETBALL is coded as:

(a) AZRJFSAZKK
(b) AZTJDSAZKK
(c) AZRJDUAZKK
(d) AZRJDSAZKK

Answer: (d)

19. A person spends 75% of his salary. His salary is increased by 20% and he increased his expenditure by 10%. Find the percentage increase in his savings?

(a) 30%
(b) 40%
(c) 50%
(d) 60%

Answer: (c)

20. If the ratio of the area of two squares is 4:9, then what is the ratio of their perimeters?

(a) 4:1
(b) 2:3
(c) 6:5
(d) None

Answer: (b)

21. The value of x in equation 2x-3

(a) -½,3
(b) 2,3
(c) 0,1
(d) 1,1

Answer: (a)

23. CANCELLED

The distance between A and B is 52 km. A car starts from A at 3 pm and travels towards B at 72 km/hr. Another car starts from B at 5 pm and travels towards A at 80 km what time do they meet?

(a) 8 pm
(b) 8:30 pm
(c) 9 pm
(d) 9:30 pm

Answer: (c)

24. A refrigerator is available for Rs. 14168 including sales tax. If the rate of sales tax is 12%. Find the marked price of the refrigerator?

(a) Rs.12650
(b) Rs.13650
(c) Rs.14650
(d) Rs.15650

Answer: (a)

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

34,28,22,18,10,4

(a) 28
(b) 22
(c) 10
(d) 18

Answer: (d)

27. Complete the series choosing the missing number:

7,12,19,_____,39

(a) 29
(b) 28
(c) 26
(d) 24

Answer: (b)

28. When the price of radio was reduced by 20% the sale increased by 80%. What was the net effect on sale?

(a) 44% increase
(b) 44% decrease
(c) 66% increase
(d) 75% increase

Answer: (a)

Science and Simple Arithmetic

3. After flood, the river bank was found to have a different soil texture. This is due to the accumulation of a large amount of_____

(a) Sand
(b) Silt
(c) Clay
(d) Rotten leaves

Answer: (b)

4. Eucalyptus trees are planted along the sides of sewage ponds. This is because

(a) They reduce the foul odour in the air
(b) They absorb carbon dioxide from the sewage
(c) They absorb waste water and release it as pure water vapour into the air
(d) They provide shade to sewage ponds

Answer: (c)

5. Some potted plants cannot withstand over watering. Give reason

(a) Leaves will turn yellow

(b) Water will be wasted

(c) Roots may overgrow to break the pot

(d) Roots cannot respire as they get drowned

Answer: (d)

22. When a current carrying wire is placed near a compass, its needle gets deflected because

(a) The compass is a tiny magnet

(b) The current carrying wire behaves as a magnet

(c) The current passes through the compass

(d) The compass gets magnetized

Answer: (b)

27. Some pears are packed into a box in stacks. Each stack has the same number of pears in each row as the number of rows. The number of stacks is also the same as the number of rows. If there are 78 stacks of pears in the box, the total number of pears in the box is _____

(a) 474265

(b) 474556

(c) 475433

(d) 474552

Answer: (d)

29. The strength of an electromagnet depends on

(a) Strength of current

(b) Number of turns in the coil

(c) The time for which current is passed

(d) The direction in which the current flows

Answer: (b)

30. It is known that 25% of a certain fruit are rotten. If the number of rotten fruit is 45, then the total number of fruit is:

(a) 150

(b) 175

(c) 185

(d) 180

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	**(b)**	5	**(b)**	6	**(a)**	7	**(c)**	9	**(d)**	10	**(c)**
12	**(a)**	13	**(a)**	14	**(a)**	15	**(a)**	16	**(b)**	18	**(c)**	19	**(c)**	20	**(c)**
23	**(c)**	24	**(b)**	26	**(a)**	27	**(c)**	32	**(c)**	33	**(a)**	34	**(c)**	36	**(a)**
37	**(c)**	40	**(c)**												

Mental Ability and Mental Aptitude

1	**(b)**	3	**(c)**	6	**(c)**	8	**(b)**	16	**(b)**	17	**(a)**	18	**(d)**	19	**(c)**
20	**(b)**	21	**(a)**	23	**(c)**	24	**(a)**	26	**(d)**	27	**(b)**	28	**(a)**		

Science and Simple Arithmetic

3	**(b)**	4	**(c)**	5	**(d)**	22	**(b)**	27	**(d)**	29	**(b)**	30	**(d)**		