PREVIOUS YEAR PAPER

# MP Police Constable 2016 — 8 August 2016, Shift 3

MP Police Constable · 8 August 2016 · 03:00 PM

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

Left out of the original paper: 45 (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, 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-2016-8-aug-shift-3/

## General and Logical Knowledge

1. If mobile phone is turned on, then if someone cries then the rotator rotates. The rotator is stationary, so phone must be turned off.

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

**Answer: (b)**

3. Find the word that represents the category of the ‘ owing three words.

Stool, Table, Chair

(a) Bench
(b) Furniture
(c) Carpet
(d) Office

**Answer: (b)**

5. Money bills must be introduced in

(a) Lok Sabha only
(b) Rajya Sabha only
(c) Either of these two
(d) Both the Houses at a time

**Answer: (a)**

8. 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 football player?

(a) P
(b) Q
(c) R
(d) S

**Answer: (b)**

10. The States Recorganisation Commission was appointed in

(a) 1952
(b) 1953
(c) 1954
(d) 1951

**Answer: (b)**

13. Select the statement that is the negation of the statement "All of my shoes are uncomfortable."

(a) Some of my shoes are uncomfortable.
(b) None of my shoes is uncomfortable.
(c) None of my shoes is comfortable.
(d) Some of my shoes are comfortable.

**Answer: (d)**

14. 10th Prime Minister who was born in Madhya Pradesh whose Birthday is now celebrated as the " Good Governance day"

(a) Chandrasekhar
(b) Atal Bihari Vajpayee
(c) Shankar Dayal Sharma
(d) Arjun Singh

**Answer: (b)**

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

Statements:

All kites are eagles

All eagles are birds

Conclusions:

I. All kites are birds

II. All birds are kites

(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)**

16. If A+B means A is the son of B and B+C is B is the wife of C how is C related to A?

(a) C is the son of A
(b) C is the mother of A
(c) C is the brother of A
(d) C is the father of A

**Answer: (d)**

17. What is the name of the Sanctuary that is lo[illegible] in Morena?

(a) Son Sanctuary
(b) Bandhavgarh Sanctuary
(c) Ghatigaon Sanctuary
(d) Kuno Sanctuary

**Answer: (d)**

18. Who was the President of the Swaraj Party?

(a) C.R. Das
(b) Motilal Nehru
(c) Vallabhbhai Patel
(d) Madan Mohan Malaviya

**Answer: (a)**

19. Deccan Plateau is primarily made up of

(a) Basalt
(b) Granite
(c) Limestone
(d) Sandstone

**Answer: (a)**

20. Which one of these is a port on the eastern coastline of India?
    (a) Paradeep
    (b) Marmagoa
    (c) Mumbai
    (d) Kandla
    **Answer: (a)**

22. Who established the original Archaeological Museum, Sanchi on the hilltop of Sanchi?
    (a) Charles Correa
    (b) Sir John Marshall
    (c) Marshall Durand
    (d) Sir Thomas Roe
    **Answer: (b)**

24. This poet is famously referred to as the 'Shakespeare of India'
    (a) Bhasa
    (b) Kalidasa
    (c) Tulsidas
    (d) Valmiki
    **Answer: (b)**

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

Statements:

Some parrots are birds

No bird is green

Conclusions:

I. Some birds are parrots

II. Some parrots are not green
    (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)**

27. Who was honoured with Lal Bahadur Shastri National Award 2014?
    (a) Kailash Satyarthi
    (b) A.S. Pillai
    (c) Both (A) and (B)
    (d) None of these
    **Answer: (b)**

28. The Chairman of the Rajya Sabha is
    (a) The President
    (b) The Vice-President
    (c) Prime Minister
    (d) Home Minister
    **Answer: (b)**

30. Anup Sridhar is associated with which of the following sports?
    (a) Athletics
    (b) Badminton
    (c) Wrestling
    (d) Swimming
    **Answer: (b)**

31. From which monument did Jawaharlal Nehru hoist the Indian national flag on 15 August 1947?
    (a) Red Fort
    (b) India Gate
    (c) Jahangir's tomb
    (d) Parliament House
    **Answer: (a)**

32. Corbett tiger reserve is in which State?
    (a) Jharkand
    (b) Assam
    (c) Uttarakhand
    (d) Madhya Pradesh
    **Answer: (c)**

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

Statements:

All guns are riffles

Some pistols are guns

Conclusions:

I.Some pistols are riffles

II.Some guns are riffles
    (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)**

34. Who is the author of 'Imagining India'?
(a) Nandan Nilekeni
(b) Khushwant Singh
(c) Chetan Bhagat
(d) Dr. A P J Abdul Kalam
**Answer: (a)**

35. From where does the Chambal originate?
(a) Janapav Hills
(b) Rewa District
(c) Sagar District
(d) Maikala Ranges
**Answer: (a)**

37. Kolar and Hutti mines in Karnataka are rich in which mineral?
(a) Iron
(b) Bauxite
(c) Gold
(d) Coal
**Answer: (c)**

38. In the following question, there is certain relations between the first two terms. Choose the fourth term from the following options which has a s ar kind of relation with the third term.

5 : 125 :: 7 : ?
(a) 247
(b) 49
(c) 343
(d) None of these
**Answer: (c)**

39. In a row of forty children, P is thirteenth from the left end and Q is ninth from the right end. How many children are there between P and R if R is fourth to the left of Q?
(a) 12
(b) 13
(c) 14
(d) 15
**Answer: (c)**

40. Which city has Bina Refinery, also known as Bharat Oman Oil Refinery, a joint venture between Oman Oil Corporation and Bharat Petroleum Corp?

(a) Chanderi
(b) Sagar
(c) Satna
(d) Ujjain

**Answer: (b)**

## Mental Ability and Mental Aptitude

2. CANCELLED

A man sells 5 articles for Rs. 15 & makes a profit of 20%. Find his gain or loss percent if the sells 8 such articles for Rs. 18.40?

(a) 9%
(b) 7%
(c) 8%
(d) 6%

**Answer: (c)**

4. A contains 10 elements. The number of functions from A to A is

(a) 10!
(b) 2!
(c) 2
(d) 10

**Answer: (d)**

7. Two dice are thrown simultaneously. What is the probability that the second dice has six?

(a) 1/6
(b) 1/3
(c) 1/4
(d) 1/9

**Answer: (a)**

11. A train is running at a speed of 60 km

(a) 125 m
(b) 150 m
(c) 175 m
(d) 200 m

**Answer: (d)**

14. Two pipes A and B can fill a cistern in 60 min and 75 min respectively. Due to leakage, the cistern is filled in 100 minutes. In how many minutes, the third pipe alone can empty the cistern?

(a) 50 min
(b) 55 min
(c) 60 min
(d) 40 min

**Answer: (a)**

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

(a) 25
(b) 32
(c) 7
(d) 18

**Answer: (b)**

17. Complete the series choosing the missing number:

0, 1, 1, 2, 3, 5, _____

(a) 6
(b) 8
(c) 10
(d) 4

**Answer: (b)**

19. What will be the next term in the series?

B, D, F, H, J, _____?

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

**Answer: (b)**

22. CANCELLED

What is the average of cubes of first five prime numbers?

(a) 366.8
(b) 366.6
(c) 366.4
(d) 366.2

**Answer: (a)**

23. If one – third of one – fourth of a number is 15, then three – tenth of that number is
    (a) 35
    (b) 36
    (c) 45
    (d) 54
    **Answer: (d)**

24. The mean proportional between 0.32 and 0.02 is
    (a) 0.08
    (b) 0.80
    (c) 0.16
    (d) 0.40
    **Answer: (a)**

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

(i) CZ845CXDZ

(ii) CZ845CXDZ

(iii) CZ845CXDZ

(iv) CZ845XCDZ
    (a) i
    (b) ii
    (c) iii
    (d) iv
    **Answer: (d)**

26. If the code for HUNTER is GTMSDQ then what will be the code for NILESH?
    (a) KHFRGM
    (b) MHKDRG
    (c) GRFKHM
    (d) MKHGRF
    **Answer: (b)**

27. Complete the series choosing the missing number:

1, 64, 343, 1000, ____
    (a) 2032
    (b) 2197
    (c) 2097
    (d) None of these
    **Answer: (b)**

28. 405 sweets are distributed equally among children in such a way that the number of sweets received by each child is 20% of the total number of children. How many sweets did each child receive?

(a) 20
(b) 15
(c) 18
(d) 45

**Answer: (d)**

30. If 45% of a number is 250 less than 55% of that number, then the number is

(a) 2000
(b) 2500
(c) 3000
(d) 2800

**Answer: (b)**

## Science and Simple Arithmetic

6. The structure that holds the chromatids together is____

(a) centriole
(b) centrosome
(c) centromere
(d) telomere

**Answer: (c)**

11. If an object is placed symmetrically between plane mirrors inclined at an angle of 70° , then the total number of images formed is

(a) Six
(b) Five
(c) Four
(d) Two

**Answer: (c)**

12. Distances of stars from the earth are conveniently expressed in the unit

(a) kilometre
(b) metre
(c) light year
(d) angstrom unit

**Answer: (c)**

13. With respect to electro refining of Copper, the object that is used as anode (positively charged electrode) is

(a) Impure Copper

(b) Pure Copper

(c) Electrolyte

(d) Anode mud

**Answer: (a)**

14. The cost price of two watches taken together is Rs. 840. If by selling one at a profit of 16% and the other at a loss of 12%, there is no loss or gain in the whole transaction, then the cost price of the two watches are respectively,

(a) Rs. 450 ; Rs. 350

(b) Rs. 360 ; Rs. 480

(c) Rs. 650 ; Rs. 450

(d) Rs. 360 ; Rs. 450

**Answer: (b)**

15. Take a number x, and multiply it with 6. Take the cube of the resulting number. What is the ratio of this number to the cube of the original number?

(a) 216:1

(b) 36:6

(c) 216:6

(d) 6:1

**Answer: (a)**

17. A certain sum of money lent out at S.I amo Rs. 690 in 3 years and Rs. 750 in 5 years. The sum lent is:

(a) Rs. 400

(b) Rs. 450

(c) Rs. 600

(d) Rs. 650

**Answer: (c)**

24. Find the sum of all 2 digit numbers divisible by 3 and less than 20

(a) 57

(b) 69

(c) 60

(d) 63

**Answer: (d)**

25. The organ in the human body in which the cells are continuously replaced is_____ .
    (a) Brain
    (b) Kidneys
    (c) Heart
    (d) Skin

    **Answer: (d)**

28. Which of the following statements is CORRECT?
    (a) There are nine planets in the Solar system
    (b) The brightest object in the solar system is moon
    (c) The tail of a comet is always directed away from the Sun
    (d) Asteroids are mostly found between the orbits of Jupiter and Saturn

    **Answer: (c)**

29. To detect the weak flow of current ,we use a tester which is
    (a) Bulb
    (b) Tube light
    (c) C.F.L
    (d) LED

    **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 | **(b)** | 3 | **(b)** | 5 | **(a)** | 8 | **(b)** | 10 | **(b)** | 13 | **(d)** |
| 14 | **(b)** | 15 | **(a)** | 16 | **(d)** | 17 | **(d)** | 18 | **(a)** | 19 | **(a)** |
| 20 | **(a)** | 22 | **(b)** | 24 | **(b)** | 25 | **(b)** | 27 | **(b)** | 28 | **(b)** |
| 30 | **(b)** | 31 | **(a)** | 32 | **(c)** | 33 | **(a)** | 34 | **(a)** | 35 | **(a)** |
| 37 | **(c)** | 38 | **(c)** | 39 | **(c)** | 40 | **(b)** | | | | |

## Mental Ability and Mental Aptitude

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | **(c)** | 4 | **(d)** | 7 | **(a)** | 11 | **(d)** | 14 | **(a)** | 16 | **(b)** |
| 17 | **(b)** | 19 | **(b)** | 22 | **(a)** | 23 | **(d)** | 24 | **(a)** | 25 | **(d)** |
| 26 | **(b)** | 27 | **(b)** | 28 | **(d)** | 30 | **(b)** | | | | |

## Science and Simple Arithmetic

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | **(c)** | 11 | **(c)** | 12 | **(c)** | 13 | **(a)** | 14 | **(b)** | 15 | **(a)** |
| 17 | **(c)** | 24 | **(d)** | 25 | **(d)** | 28 | **(c)** | 29 | **(d)** | | |