PREVIOUS YEAR PAPER

# MP Police Constable 2016 — 25 July 2016, Shift 3

MP Police Constable · 25 July 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 25 July 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-2016-25-jul-shift-3/

## General and Logical Knowledge

3. Who founded the Mauryan empire?

(a) King Dhanananda
(b) Ashoka
(c) Vikramaditya
(d) Chandragupta

**Answer: (d)**

5. _____ is a former Indian cricketer and an office-bearer of the Madhya Pradesh Cricket Association?

(a) Sanjay Jagdale
(b) Rahul Dravid
(c) Jyothiraditya Scindia
(d) Girdhari Lal Yadav

**Answer: (a)**

6. Ahmed is taller than Salim. Salim is not as tall as Ahmed but taller than Akbar. Sohan too is not as tall as Salim but taller than Akbar. Who is the tallest?

(a) Salim
(b) Akbar
(c) Sohan
(d) Sohan & Akbar

**Answer: (a)**

8. Who founded the “Bachpan Bachao Andolan”?

(a) Maneka Gandhi
(b) Teesta Setalvad
(c) Kailash Satyarthi
(d) Kiran Bedi

**Answer: (c)**

10. Vice-President of India presides over
    (a) Lok Sabha
    (b) Rajya Sabha
    (c) Vidhan Sabha
    (d) Union Cabinet
    **Answer: (b)**

11. Which one of these is the world's third highest mountain?
    (a) Lhotse
    (b) Kangchenjunga
    (c) Godwin Austen
    (d) Everest
    **Answer: (b)**

13. Hindola Mahal is located at_____.
    (a) Seoni
    (b) Naresar
    (c) Anukhana
    (d) Mandu
    **Answer: (d)**

14. Which of these is the second longest river in Madh Pradesh?
    (a) Swarna
    (b) Chambal
    (c) Narmada
    (d) Son
    **Answer: (b)**

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

Statements:

Some detergents are soaps.

All soaps are powders.

Conclusions:

I. Some detergents are powders

II. All soaps are detergents
    (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. A girl introduces a man as the son of the brother of her mother. How is he related to her?

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

**Answer: (d)**

17. Which of the following is NOT a motion in the Indian Parliament?

(a) Adjournment Motion
(b) Exit Motion
(c) No-confidence Motion
(d) Privilege Motion

**Answer: (b)**

19. The yoga system of philosophy was given by

(a) Panini
(b) Patanjali
(c) Vyasa
(d) Kannada

**Answer: (b)**

20. Sarita is the only daughter of Vimala whose son is amod's maternal uncle. How is Sarita related to Pramod?

(a) Sister
(b) Mother
(c) Son
(d) Grandmother

**Answer: (b)**

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

Statements:

All boys are players

No player is bad

Conclusions:

I. No boy is bad

II. All players are boys

(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)**

22. 'Thermometer' is related to 'degree' in the same way as 'Clock' is related to

(a) Wall
(b) Time
(c) Hour
(d) Needle

**Answer: (c)**

23. Who has been the youngest person to hav become a Chief Minister of any state in India?

(a) H D Kumaraswamy
(b) Akhilesh Yadav
(c) Mamata Bannerjee
(d) Omar Abdullah

**Answer: (b)**

24. The largest coal deposit in India is in ____.

(a) Godavari Valley
(b) Brahmani Valley
(c) Damodar Valley
(d) Satpura Valley

**Answer: (c)**

27. At the apex of Judicial system of India exists ___.

(a) High Court
(b) Panchayat Court
(c) Supreme Court
(d) District courts

**Answer: (c)**

29. The CEO of Google is

(a) Larry Page

(b) Sergei Brin

(c) Sundar Pichai

(d) Satya Nadella

**Answer: (c)**

30. In the following question, four words are given, out of which three are same in certain way and the remaining one is different. Find out the different one.

(a) Gold

(b) Silver

(c) Mercury

(d) Aluminum

**Answer: (c)**

31. Under which ministry is the National Institute of Hydrology established?

(a) Ministry of Drinking water and sanitation

(b) Ministry of new and renewable energy

(c) Ministry of Agriculture and farmers Welfare

(d) Ministry of Water Resources, River Development and Ganga Rejuvenation

**Answer: (d)**

32. What is the total number of seats allotted to Mad[illegible] Pradesh in the Rajya Sabha?

(a) 12

(b) 15

(c) 11

(d) 9

**Answer: (c)**

33. Anitha, Mahima, Rajan, Latha and Deepti are five cousins. Anitha is twice as old as Mahima. Rajan is half the age of Mahima. Anitha is half the age of Deepti and Rajan is twice the age of Latha.

Who is the youngest?

(a) Deepti

(b) Rajan

(c) Latha

(d) Anitha

**Answer: (c)**

34. CANCELLED

P, Q, R, S, T, V and W are seven members of the family. There are three female members. Each of them has a difference profession-Lawyer, Chartered Accountant (CA), Engineer, Teacher, Doctor, Architect and Pharmacist. .No Lady is either a pharmacist or a chartered Accountant. Each of them has a different monthly income. The chartered accountant earns the most. S, the engineer, earns less than V, the doctor. R, the teacher, earns more than P and less than S. W's wife earns the least. T is an unmarried lady Lawyer and she earns less than P and more than only Q. The pharmacist's income is not the lowest

What is P's profession?

(a) Pharmacist
(b) Lawyer
(c) Teacher
(d) Date inadequate

**Answer: (a)**

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

Statements:

Most apples are oranges

Some oranges are pineapples

Conclusions:

I. Some pineapples are oranges

II. Some apples are pineapples

(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: (d)**

38. One of the following instrumentalists played the Shehnai

(a) Hari Prasad Chaurasia
(b) Bismillah Khan
(c) N Ramani
(d) TR Mahalingam

**Answer: (b)**

39. If Tuesday means a world war, and it’s not Tuesday today, then it’s a world war.
    (a) True
    (b) False
    (c) May be
    (d) Irrelevant
    **Answer: (b)**

40. Which of the following is the 'Marble Rocks City' of Madhya Pradesh?
    (a) Orchha
    (b) Jabalpur
    (c) Murwara
    (d) Seoni
    **Answer: (b)**

## Mental Ability and Mental Aptitude

1. What is the sum of xy, 2xy and 7xy?
    (a) 11xy
    (b) 10xy
    (c) 10
    (d) 73
    **Answer: (b)**

2. CANCELLED

A bookseller gives 16% discount on the marke[illegible]e. What does a customer pay for an article whose marked price is Rs.750?
    (a) Rs. 845.50
    (b) Rs. 645.50
    (c) Rs. 745.50
    (d) Rs. 545.50
    **Answer: (d)**

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

(i) PQ1235AB5

(ii) PQ1235AB5

(iii) PQ1235AB5

(iv) PQ1253AB5

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

**Answer: (d)**

14. Find the average of all numbers between 100 and 180, which are multiples of 11?

(a) 140
(b) 145
(c) 143
(d) 138

**Answer: (c)**

17. Complete the series choosing the missing number

6,11,21,36,56,

(a) 42
(b) 51
(c) 81
(d) 91

**Answer: (c)**

18. If INSTITUTION is coded as NOITUTITSNI, how is PROCEDURE coded?

(a) ERUDEDORP
(b) ERVDECORP
(c) ESUDECORP
(d) ERUDECORP

**Answer: (d)**

20. In a certain code, COLLEGE is written as BNKKDFD. How is SCHOOL written in that code?

(a) RDGNNK
(b) TBGNNK
(c) RBHNNK
(d) RBGNNK

**Answer: (d)**

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

196,169,144,120,100,

(a) 100
(b) 120
(c) 144
(d) 196

**Answer: (b)**

22. What is 25% of 48?

(a) 12
(b) 14
(c) 10
(d) 13

**Answer: (a)**

28. Complete the series choosing the missing number:

3,7,15,31,_____

(a) 60
(b) 65
(c) 62
(d) 63

**Answer: (d)**

29. Ramu brought an article for Rs. 300 & sold it at a gain of 15%. What is the selling price of the article?

(a) Rs. 345
(b) Rs. 350
(c) Rs. 360
(d) Rs. 340

**Answer: (a)**

30. A train covers 400 meters distance in 24 seconds. Its speed is?

(a) 30 km
(b) 45 km
(c) 60 km
(d) 75 km

**Answer: (c)**

## Science and Simple Arithmetic

1. Birds such as wood peckers have sharp pointed beaks to penetrate easily into the tree trunks so that

(a) Force is concentrated in a small area

(b) The area of the pointed beak is larger than its head

(c) Force is concentrated in a large area

(d) Pressure exerted is small

**Answer: (a)**

4. Mamatha, Geetha, Meera started a business with an investment in the ratio 1: 3: 5. After 4 months, Mamatha invested the same amount as before and Geetha as well as Meera withdraw half of their investments. The ratio of their profits at the end of the year is:

(a) 5 : 6 : 10

(b) 4:3:5

(c) 10 : 5 : 6

(d) 6 : 8 : 10

**Answer: (a)**

11. Floor tiles, used for laying floor in houses, are made up of which unbreakable polymer material?

(a) POP

(b) Clay

(c) Thermoplastic polymer

(d) Melamine polymer

**Answer: (d)**

14. The power of an earthquake is expressed in terms of a magnitude on a scale called

(a) Fahrenheit scale

(b) Kelvin scale

(c) Richter scale

(d) Decibel scale

**Answer: (c)**

15. Silvery white Sodium metal is a very reactive metal. In which liquid should it be stored to prevent its reaction with air?

(a) Kerosene

(b) Water

(c) Alcohol

(d) Dilute Sulphuric acid

**Answer: (a)**

16. Temperature is defined as

(a) Measure of Degree of coldness

(b) Measure of Degree of hotness or coldness

(c) Measure of Degree of hotness

(d) All the above

**Answer: (c)**

18. During breathing, the diaphragm is pushed up during_____

(a) Inspiration
(b) Expiration
(c) Rest
(d) Exercise

**Answer: (b)**

19. The main concern over the use of CFL is that

(a) it is not durable
(b) it is very costly
(c) it consumes more energy
(d) it contains mercury which is toxic

**Answer: (d)**

20. Select the type of carbohydrate that can be digested by ruminants but not by human.

(a) Sucrose
(b) Cellulose
(c) Starch
(d) Glycogen

**Answer: (b)**

23. Fishes, frogs etc lay eggs in water. The sperms sh by males, reach the eggs to form zygote. Name the kind of fertilisation

(a) Internal fertilisation
(b) External fertilisation
(c) Invitro fertilisation
(d) Post fertilisation

**Answer: (b)**

24. Which of the following statement is true?

(a) Two lines may intersect in two points
(b) Every ray has a finite length
(c) Three lines are concurrent if they have a common point
(d) Only a single line may pass through a given point

**Answer: (c)**

25. The unit's digit in the product 274 * 318 * 577 * 513 is _____

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

**Answer: (a)**

27. The cell theory was proposed by
    (a) Robert Hooke & Leeuwenhoek
    (b) Schleiden & Schwann
    (c) Robert Hooke & Schwann
    (d) Schleiden & Leeuwenhoek

    **Answer: (b)**

29. Litmus, a natural dye, is and extract of
    (a) China rose
    (b) Beetroot
    (c) Lichen
    (d) Blue berries (jamun)

    **Answer: (c)**

30. _____is not a perfect cube.
    (a) 2197
    (b) 1458
    (c) 1331
    (d) 2744

    **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

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | **(d)** | 5 | **(a)** | 6 | **(a)** | 8 | **(c)** | 10 | **(b)** | 11 | **(b)** | 13 | **(d)** | 14 | **(b)** |
| 15 | **(a)** | 16 | **(d)** | 17 | **(b)** | 19 | **(b)** | 20 | **(b)** | 21 | **(a)** | 22 | **(c)** | 23 | **(b)** |
| 24 | **(c)** | 27 | **(c)** | 29 | **(c)** | 30 | **(c)** | 31 | **(d)** | 32 | **(c)** | 33 | **(c)** | 34 | **(a)** |
| 35 | **(d)** | 38 | **(b)** | 39 | **(b)** | 40 | **(b)** | | | | | | | | |

## Mental Ability and Mental Aptitude

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **(b)** | 2 | **(d)** | 10 | **(d)** | 14 | **(c)** | 17 | **(c)** | 18 | **(d)** | 20 | **(d)** | 21 | **(b)** |
| 22 | **(a)** | 28 | **(d)** | 29 | **(a)** | 30 | **(c)** | | | | | | | | |

## Science and Simple Arithmetic

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **(a)** | 4 | **(a)** | 11 | **(d)** | 14 | **(c)** | 15 | **(a)** | 16 | **(c)** | 18 | **(b)** | 19 | **(d)** |
| 20 | **(b)** | 23 | **(b)** | 24 | **(c)** | 25 | **(a)** | 27 | **(b)** | 29 | **(c)** | 30 | **(b)** | | |