PREVIOUS YEAR PAPER

MP Police Constable 2017 — 26 August 2017, Shift 2

MP Police Constable · 26 August 2017 · 03:00 PM

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

Left out of the original paper: 22 (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 26 August 2017, 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-2017-26-aug-shift-2/

General Knowledge and Logical Knowledge

1. Nasir Aminuddin Dagar was a well known _____.
   (a) Urdu Poet
   (b) Painter
   (c) Qawwali singer
   (d) Dhrupad singer
   Answer: (d)

2. In which of the following cities was India's first met ailway started?
   (a) Chennai
   (b) Kolkata
   (c) Nagpur
   (d) Delhi
   Answer: (b)

3. In which year was the Family Courts Act enacted, setting up family courts around the country?
   (a) 1992
   (b) 1989
   (c) 1984
   (d) 1990
   Answer: (c)

4. Who is commonly referred to as the ‘Father of Modern Hindi Literature’?
   (a) R.K. Narayan
   (b) Harivansh Rai Bachchan
   (c) Bharatendu Harishchandra
   (d) Prem Chand
   Answer: (c)

5. Who is referred to as the father of the Indian Constitution?
   (a) Rajendra Prasad
   (b) B.R Ambedkar
   (c) Mahadev Govind Ranade
   (d) Gopal Krishna Gokhale
   Answer: (b)

6. If BATCH is coded ABSDG, then how is FORSAKE coded?
   (a) GQPTZLT
   (b) EQPZLTD
   (c) GPQTZLT
   (d) EPQTZLD
   Answer: (d)

7. Which is the first Atomic Power station in India?
   (a) Kakrapar Atomic Power Station
   (b) Madras atomic power station
   (c) Rajasthan atomic power station
   (d) Tarapore Power Station
   Answer: (d)

8. Which Indian social activist is renowned for his wo mong leprosy patients?
   (a) Dhondo Keshav Karve
   (b) Baba Amte
   (c) Ram Manohar Lohia
   (d) Vinoba Bhave
   Answer: (b)

9. Which Union Territory of India has the lowest sex ratio?
   (a) Lakshwadeep
   (b) Dadra and Nagar Haveli
   (c) Andaman and Nicobar Islands
   (d) Daman and Diu
   Answer: (d)

10. Which of the following is a classical dance form of Andhra Pradesh?
   (a) Kathakali
   (b) Bharatanatyam
   (c) Odishi
   (d) Kuchipudi
   Answer: (d)

11. Which of the following awards is conferred for contribution to the development and promotion of Mallakhamba?

(a) Vishwamitra Award
(b) Vikram Award
(c) Prabhash Joshi Award
(d) Ekalavya Award

Answer: (c)

12. What is the tenure of a Governor of a state?

(a) Till the age of 65 years
(b) Till the age of 60 years
(c) 5 years
(d) 4 years

Answer: (c)

13. Who founded Santiniketan ?

(a) Manabendra Nath Roy
(b) Rabindranath Tagore
(c) Raja Rammohun Roy
(d) Debendranath Tagore

Answer: (b)

14. The minimum age for becoming a candidate for l Sabha election is _____.

(a) 30 years
(b) 35 years
(c) 25 years
(d) 21 years

Answer: (c)

15. If CLIMATE is coded DMJNBUF, then how is ATMOSPHERE coded?

(a) BUNPQTIFSF
(b) BUNPQTJFSF
(c) BUNPQTJSFS
(d) BUNPTQIFSF

Answer: (d)

16. If LEVEL is coded MDXCO, then how is STRAIGHT coded?

(a) TSTYLDLP
(b) TSRYLDLP
(c) TUSBJHIU
(d) RUTYLDLP

Answer: (a)

17. One of the smallest districts of Madhya Pradesh is:

(a) Rajgarh
(b) Dhar
(c) Rewa
(d) Ratlam

Answer: (a)

18. Bauxite is an ore of Aluminum. This occurs in large quantities in:

(a) Katni Mines
(b) Panna Mines
(c) Baster Mines
(d) Durg Mines

Answer: (a)

19. Who among the following has not held the post of the Vice-President of India?

(a) Dr. Zakir Hussain
(b) Dr.S. Radhakrishnan
(c) Dr. Rajendra Prasad
(d) Bhairon Singh Shekhawat

Answer: (c)

20. Who among the following founded the Royal Asiatic Society of Bengal?

(a) William Jones
(b) Lord Cornwallis
(c) John Shore
(d) Warren Hastings

Answer: (a)

21. In a certain code language Throw the ball is written beton feksa sopy and Ball is heavy is written deven sopy bata, then how is Ball coded?

(a) bata
(b) sopy
(c) deven
(d) feksa

Answer: (b)

22. In a certain language gonk nonk konk means life and death and henk konk bonk means live better life. Then in that language the word konk is used for:

(a) better
(b) death
(c) live
(d) life

Answer: (d)

23. The first Indian woman who has reached the rank of Air Marshal in the Indian Air Force is _____.

(a) Puneeta Arora

(b) Anjali Bhagwat

(c) Bula Chaundhury

(d) Padma Bandhopadhyay

Answer: (d)

24. A group of 7 is to be formed from 6 boys and 4 girls. In how many ways can this be done, if the boys are in majority?

(a) 100

(b) 80

(c) 90

(d) 120

Answer: (a)

25. Sant Kabir Nagar and Sant Ravidas Nagar are Districts in which State of India?

(a) Arunachal Pradesh

(b) Uttar Pradesh

(c) Rajasthan

(d) Madhya Pradesh

Answer: (b)

26. Find the next expression in the series:

ABCA, ZYXZ, ABCDB, ZYXWY, _____?

(a) ABCDEF

(b) ABCDEB

(c) ABCDEC

(d) ABCDEA

Answer: (c)

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

Statements:

Some doctors are artists

All artists are engineers

Conclusions:

I. Some doctors are engineers

II. All doctors are engineers

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

Answer: (d)

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

Statements:

No candy is chocolate

No chocolate is sweet

Conclusions:

I. All candies are sweet

II. No sweet is chocolate

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

Answer: (b)

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

Statements:

Some movies are cinemas

All cinemas are clips

Conclusions:

I. Some movies are clips

II. No cinema is a movie

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

Answer: (d)

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

Statements:

All cows eat grass

Some buffaloes eat grass

Conclusions:

I. All grass eaters are not cows

II. Some grass eaters are not buffaloes

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

Answer: (b)

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

Answer: (a)

32. Find the odd one out:

10, 12, 15, 18, 24, 30

(a) 12
(b) 30
(c) 18
(d) 15

Answer: (c)

34. Complete the series choosing the missing number:

11, 13, 17, 19, _____, 25, 29

(a) 16
(b) 23
(c) 20
(d) 25

Answer: (b)

35. Complete the series choosing the missing number:

10, 12, 17, 25, ____, 50

(a) 42
(b) 40
(c) 36
(d) 38

Answer: (c)

36. Complete the series choosing the missing number:

2, 6, 18, 54, ____

(a) 98
(b) 162
(c) 140
(d) 132

Answer: (b)

39. How many different five letter words can be formed using the letters of the word 'PAPER', if the repetition is not allowed?

(a) 48
(b) 24
(c) 120
(d) 60

Answer: (d)

40. Which state has only four districts - North, South, East ,West?

(a) Manipur

(b) Sikkim

(c) Jharkhand

(d) Odisha

Answer: (b)

Mental Ability and Mental Aptitude

6. Three taps A, B and C together can fill a tank in 6 hrs. After working for 2 hrs, A is closed and B and C filled remaining part in 8 hours. Find the time taken for Tap A alone to fill the tank.

(a) 20 hrs

(b) 15 hrs

(c) 10 hrs

(d) 12 hrs

Answer: (d)

8. The present age of Mohan is 10 years. If after 5 years, the ratio of Mohan's age to his father's age will be 1:3. Find the present age of the father.

(a) 40

(b) 36

(c) 32

(d) 35

Answer: (a)

9. Pratik purchased 40 shirts for Rs. 3,000 and [illegible] 10% for transportation. To earn a profit of 20% what should be the selling price per shirt?

(a) Rs.109

(b) Rs. 95

(c) Rs. 90

(d) Rs. 99

Answer: (d)

10. What is the mean proportional of 40 and 90?

(a) 50

(b) 20

(c) 60

(d) 30

Answer: (c)

11. What is the loss percentage if an article costing Rs. 10 is sold for a loss of Rs. 2?

(a) 10%
(b) 5%
(c) 25%
(d) 20%

Answer: (d)

12. On the scale of a map, 0.6 cm represents 5.4 km. If the distance between two points on the map is 35 cm, then the actual distance is _____.

(a) 900 km
(b) 315 km
(c) 600 km
(d) 250 km

Answer: (b)

13. If the diagonals of two squares are in the ratio of 1 : 3, then what is the ratio of their areas?

(a) 1 : 6
(b) 1 : 3
(c) 6 : 1
(d) 1 : 9

Answer: (d)

14. A number when divided by 3 is reduced by 32. W . will be number?

(a) 48
(b) 36
(c) 56
(d) 64

Answer: (a)

15. 42 is what percent of 210?

(a) 22%
(b) 20%
(c) 25%
(d) 15%

Answer: (b)

16. A village lost 12 % of its goats in a flood and 5 % of the remaining from diseases. If there were only 8360 goats left, what was the original number of goats?

(a) 8360
(b) None of the above
(c) 12400
(d) 10000

Answer: (d)

17. The average age of X, Y and Z is 46 years. If the average age of X and Y is 44.5 years, then what will be the age of Z?

(a) 47 years
(b) 49 years
(c) 50 years
(d) 48 years

Answer: (b)

18. The average age of a class was 12. It rise to 13 when the age of the class teacher who is 37 years old is also included. How many students are there in the class?

(a) 24
(b) 23
(c) 22
(d) 25

Answer: (a)

19. The average monthly salary of a staff of 9 persons is Rs. 2,450. One member of the staff whose monthly salary is Rs. 2,650 is transferred. Find the average salary of the remaining 8 persons of the staff.

(a) Rs. 2,825
(b) Rs. 2,425
(c) Rs. 2,625
(d) Rs. 3,025

Answer: (b)

20. 45% of 1800 + 60% of 1500 = ? of 3420

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

Answer: (a)

21. The net difference between selling a shirt at a profit of 4% and 6% is Rs. 3. What are the selling prices?

(a) None of the above
(b) Rs. 200 and Rs. 201
(c) Rs. 159 and Rs. 156
(d) Rs. 157 and Rs. 160

Answer: (c)

22. A train running at 90 kmph crosses a pole in 10 seconds. What is length of the train?

(a) 350 m
(b) 250 m
(c) 150 m
(d) 500 m

Answer: (b)

23. Amit is two years elder to Anil. Anil is 1/8 of his father's age. After 6 years, Amit will be double his present age. What will be Anil's father's age after 6 years?

(a) 40 years
(b) 32 years
(c) 38 years
(d) 34 years

Answer: (c)

25. CANCELLED

The runs scored by four cricketers A, B, C and D for West Indies in an innings were in the ratio 5 : 2 : 4 : 3. The remaining players scored half the total of these four players. If D had scored 23 runs more than B, what was the total score of Sri Lanka which scored 2/3 that of West Indies?

(a) 161
(b) 644
(c) 322
(d) 483

Answer: (c)

26. CANCELLED

A basket contains 10 apples and 15 oranges. The cost one apple is Rs. 9 and the cost of 1 orange is Rs. 5. Find the average cost of the 10 apples and 15 oranges combined.

(a) Rs. 32
(b) Rs. 35
(c) Rs. 33
(d) Rs. 34

Answer: (c)

30. Find the average.

18, 24, 28, 32, 36 & 42

(a) 26
(b) 34
(c) 20
(d) 30

Answer: (d)

Science and Simple Arithmetic

3. Which one of the substances mentioned below is not responsible for the depletion of ozone layer?
   (a) Chlorofluoro carbons
   (b) Carbon tetrachloride
   (c) Aerosols
   (d) Ammonia
   Answer: (d)

4. The source of energy in the sun is due to:
   (a) Conversion of uranium to krypton
   (b) Conversion of carbon into carbon dioxide
   (c) Conversion of hydrogen to helium
   (d) Burning of hydrogen
   Answer: (c)

5. The smallest prime number is:
   (a) 6
   (b) 2
   (c) 1
   (d) 4
   Answer: (b)

6. The set of pipes which take away sewage from o omes or public building to the water treatment plants are called_____.
   (a) pipe system
   (b) transportation
   (c) sewers
   (d) sewerage
   Answer: (d)

7. The mean of all factors of 14 is:
   (a) 7.7
   (b) 6
   (c) 7
   (d) 12
   Answer: (b)

8. Asteroids are found between the orbit of:
   (a) Mars and Jupiter
   (b) Mars and Earth
   (c) Saturn and Jupiter
   (d) Neptune and Pluto
   Answer: (a)

9. Which of the blood component transports oxygen?
   (a) Plasma
   (b) WBC
   (c) RBC
   (d) Platelets
   Answer: (c)

10. Name the target organ of AIDS.
   (a) Heart
   (b) Lymph node
   (c) Sex organs
   (d) Brain
   Answer: (b)

11. Nerve cells does not contain:
   (a) Dendrites
   (b) Tendons
   (c) Axons
   (d) Nerve endings
   Answer: (b)

12. Which one of the following compounds has a low orific value?
   (a) Wood
   (b) Petrol
   (c) Alcohol
   (d) Coal
   Answer: (a)

15. If three-fourth of a number is more than one-fifth of the number by 11, then the number is:
   (a) 25
   (b) 16
   (c) 20
   (d) 30
   Answer: (c)

16. Find the compound interest on Rs. 2400 for 2 years at 5% per annum.
   (a) Rs. 198
   (b) Rs. 260
   (c) Rs. 188
   (d) Rs. 246
   Answer: (d)

17. PQRS is a cyclic quadrilateral in which ∠P = 86°. Find ∠R.

(a) 89°
(b) 94°
(c) 90°
(d) 84°

Answer: (b)

18. AB||CD and EF is the transversal meeting AB and CD at P and Q, respectively. If ∠APE x x = 6 and ∠PQD = 4 , then ∠APQ =_____. x x

(a) 108°
(b) 72°
(c) 94°
(d) 56°

Answer: (b)

19. ABCD is a trapezium in which AB||DC. If ∠A = 102°, then ∠D =_____.

(a) 51°
(b) 68°
(c) 78°
(d) 64°

Answer: (c)

21. The age between 11 years and 18 years is called ____.

(a) adulthood
(b) toddler
(c) adolescence
(d) childhood

Answer: (c)

23. If the sides of a rectangle are in the ratio 5:4 and its perimeter is 54 cm, then its length is:

(a) 30 cm
(b) 24 cm
(c) 15 cm
(d) 18 cm

Answer: (c)

24. At a clearance sale, all goods are on sale at 30% discount. If I pay Rs. 315 for an article, then its marked price is:

(a) Rs. 410
(b) Rs. 390
(c) Rs. 450
(d) Rs. 380

Answer: (c)

25. Reproductive age in woman starts when their_____.
    (a) height increases
    (b) weight increases
    (c) puberty begins
    (d) menopause begins

    Answer: (c)

27. The core of an electromagnet is made of:
    (a) Soft iron
    (b) Magnesium
    (c) Copper
    (d) Steel

    Answer: (a)

29. The cube root of 5832 is:
    (a) 16
    (b) 28
    (c) 12
    (d) 18

    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	**(d)**	2	**(b)**	3	**(c)**	4	**(c)**	5	**(b)**	6	**(d)**	7	**(d)**	8	**(b)**
9	**(d)**	10	**(d)**	11	**(c)**	12	**(c)**	13	**(b)**	14	**(c)**	15	**(d)**	16	**(a)**
17	**(a)**	18	**(a)**	19	**(c)**	20	**(a)**	21	**(b)**	22	**(d)**	23	**(d)**	24	**(a)**
25	**(b)**	26	**(c)**	27	**(d)**	28	**(b)**	29	**(d)**	30	**(b)**	31	**(a)**	32	**(c)**
34	**(b)**	35	**(c)**	36	**(b)**	39	**(d)**	40	**(b)**						

Mental Ability and Mental Aptitude

6	**(d)**	8	**(a)**	9	**(d)**	10	**(c)**	11	**(d)**	12	**(b)**	13	**(d)**	14	**(a)**
15	**(b)**	16	**(d)**	17	**(b)**	18	**(a)**	19	**(b)**	20	**(a)**	21	**(c)**	22	**(b)**
23	**(c)**	25	**(c)**	26	**(c)**	30	**(d)**								

Science and Simple Arithmetic

3	**(d)**	4	**(c)**	5	**(b)**	6	**(d)**	7	**(b)**	8	**(a)**	9	**(c)**	10	**(b)**
11	**(b)**	12	**(a)**	15	**(c)**	16	**(d)**	17	**(b)**	18	**(b)**	19	**(c)**	21	**(c)**
23	**(c)**	24	**(c)**	25	**(c)**	27	**(a)**	29	**(d)**						