PREVIOUS YEAR PAPER

MP Police Constable 2017 — 7 September 2017, Shift 2

MP Police Constable · 7 September 2017 · 03:00 PM

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

Left out of the original paper: 29 (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 7 September 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-2017-7-sep-shift-2/

General Knowledge and Logical Knowledge

1. P.T Usha is associated with
   (a) Football
   (b) Athletics
   (c) Cricket
   (d) Tennis
   Answer: (b)

2. In which state was the Kohinoor first found?
   (a) Andhra Pradesh
   (b) Odisha
   (c) Madhya Pradesh
   (d) Jharkhand
   Answer: (a)

3. Who is the founder of the concept “Sarvodaya”?
   (a) Jayaprakash Narayan
   (b) Mahatma Gandhi
   (c) Vinoba Bhave
   (d) K.G.Mushroowala
   Answer: (b)

5. Maheshwar is a temple town and it is located on the banks of river_____-_.
   (a) Narmada
   (b) Tapti
   (c) Betwa
   (d) Chambal
   Answer: (a)

6. Which of the following cities is called ‘City of lakes’?

(a) Son
(b) Ujjain
(c) Bhopal
(d) Ratlam

Answer: (c)

7. The water source for the Shree Singaji Thermal Power Project is from_____

(a) Indira Sagar Reservoir
(b) Tawa Dam
(c) Madikheda Reservoir
(d) Amba Dam

Answer: (a)

8. Seven paint boxes are arranged in a row. The yellow box is to the left of the red box. The green box is between the blue and pink box. The black box is on one of the extreme. The white box is to the left of the black box. The blue box is to the right of the red box. Which box is to the right of the pink box?

(a) White
(b) Red
(c) Black
(d) Green

Answer: (a)

9. The largest Open University in India is _

(a) UP Rajarshi Tandon Open University
(b) Indira Gandhi National Open University
(c) Andhra Pradesh Open University
(d) Madhya Pradesh Bhoj Open University

Answer: (b)

10. If the day-before-yesterday was Thursday, when will Sunday be?

(a) Day after tomorrow
(b) Tomorrow
(c) Today
(d) Two days after today

Answer: (b)

11. If KRISHNA is coded JQHRGMZ, then how is ESHWAR coded?

(a) DRIVZQ
(b) DRGUZQ
(c) DRGVZQ
(d) DTGVZQ

Answer: (c)

12. If PAPER is coded SCTGW, then how is MOTHER coded?
    (a) ORVLGW
    (b) PQVJGT
    (c) PQXKJV
    (d) PQXJJT
    Answer: (d)

13. The Constitution of India originally comprised of _____.
    (a) 444 articles
    (b) 448 articles
    (c) 401 articles
    (d) 395 articles
    Answer: (d)

14. The Constitution of India was amended for the first time in
    (a) 1955
    (b) 1951
    (c) 1954
    (d) 1958
    Answer: (b)

15. If TWENTY is coded TWEYTN, then how is MAGA[illegible]E coded?
    (a) MAGENIZA
    (b) MAGAENIZ
    (c) MAGAZENI
    (d) AGAMZINE
    Answer: (b)

16. India's first Electric Mass Mobility System was launched in _____city's airport complex. Chennai
    (a) Chennai
    (b) Surat
    (c) Nagpur
    (d) Bangalore
    Answer: (c)

17. Who was appointed the Secretary of the Central Board of Secondary Education (CBSE) In May, 2017?
    (a) UK Sinha
    (b) Anil Goswami
    (c) HS Brahma
    (d) Anurag Tripathy
    Answer: (d)

18. In a certain code language, lee levi pepe means all wear denim, pepe uno sf means wear only pants, uno lee killer means all pants tear. Which is the word for levi in that code language?

(a) denim
(b) all
(c) pant
(d) wear

Answer: (a)

19. In a row of boys, Rajan is sixth from the left end and Vinay is tenth from the right end. If there are eight boys between Rajan and Vinay, then, how many boys are there in the row?

(a) 24
(b) 23
(c) 26
(d) 25

Answer: (a)

20. The states of India which are bounded by Arabian sea on the west are

(a) Tamil Nadu and Odisha
(b) Rajasthan and Kerala
(c) Karnataka and Maharashtra
(d) Maharashtra and Punjab

Answer: (c)

21. Bada Mahadev and Chota Mahadev are temples located near

(a) Ujjain
(b) Bhojapur
(c) Narsinghgarh
(d) Mandu

Answer: (c)

22. Find the odd one out:

(a) Kid
(b) Puppy
(c) Lamb
(d) Dog

Answer: (d)

23. Kanha is well known for its _____

(a) Museums
(b) Cave art
(c) National Park
(d) Sculptures

Answer: (c)

24. Who became the first Indian to win a gold medal in the International Fencing Tournament?
    (a) Sehajpreet Singh
    (b) Karan Singh
    (c) CA Bhavani Devi
    (d) Siva Magesh
    Answer: (c)

25. Chitrakoot waterfall is formed on the river_____.
    (a) Ken
    (b) Chambal
    (c) Narmada
    (d) Indrawati
    Answer: (d)

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

Statements:

No breads are butter

No buns are bread

Conclusions:

I. All buns are butter

II. Some bread are butter
    (a) both conclusions I and II follows
    (b) only conclusion II follows
    (c) only conclusion I follows
    (d) neither conclusion I nor conclusion II follows
    Answer: (d)

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

Statements:

Some marriages are associations

Some marriages are not engagements

Conclusions:

I. All engagements are associations

II. All associations are marriages

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

Answer: (d)

28. 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) both conclusions I and II follows
(b) only conclusion II follows
(c) only conclusion I follows
(d) neither conclusion I nor conclusion II follows

Answer: (c)

29. The Dachigam Wildlife Sanctuary is in

(a) Jammu & Kashmir
(b) Himachal Pradesh
(c) Karnataka
(d) Assam

Answer: (a)

31. What major status did India gain on May 18, 1974?
(a) Nuclear Power
(b) Republic
(c) Highest populated country
(d) Sovereign State
Answer: (a)

32. Complete the series choosing the missing number:

11, 12, 17, 18, 23, 24, _____
(a) 12
(b) 29
(c) 35
(d) 30
Answer: (b)

33. Complete the series choosing the missing number:

6, 13, 28, 59, _____
(a) 122
(b) 118
(c) 120
(d) 121
Answer: (a)

36. Who among the following is a maestro of
(a) Nikhil Ghosh
(b) Amjad Ali Khan
(c) Alla Rakha Khan
(d) Hari Prasad Chaurasia
Answer: (b)

37. Dr. Raja Ramanna has distinguished himself in the field of
(a) Horticulture
(b) Agriculture
(c) Writing
(d) Nuclear science
Answer: (d)

38. Complete the series choosing the missing number:

400, 441, 484, _____

(a) 535
(b) 530
(c) 529
(d) 527

Answer: (c)

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

Statements:

No coats are shoes

Some sandals are not shoes

Conclusions:

I. Some sandals are coats

II. All coats are sandals

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

Answer: (d)

Mental Ability and Mental Aptitude

6. The average age of class A with 20 students is 16. The average age of Class B with 20 students is 15 and the average age of Class C with 20 students is 17. Find the average age of class A, B and C combined.

(a) 15 yrs
(b) 16 yrs
(c) 13 yrs
(d) 14 yrs

Answer: (b)

7. Three friends A, B and C start running around a circular stadium and complete a single round in 24, 36 and 20 seconds, respectively. After how many minutes will they meet again at the starting point?

(a) 12 minutes

(b) 5 minutes

(c) 3 minutes

(d) 6 minutes

Answer: (d)

8. Radha and Sangeeta together can complete a piece of work in 10 days. Sangeeta and Poonam can complete the same work in 12 days, while Radha and Poonam can complete it together in 15 days. In how many days can Poonam working alone complete the task?

(a) 64 days

(b) 37 days

(c) 40 days

(d) 56 days

Answer: (c)

9. Dilip picks 19 cards from a pack of well-shuffled cards of which ten are red and nine are black. If there are twice as many hearts as clubs; and thrice as many diamonds as clubs; find the number of spades in the set

(a) 6

(b) 7

(c) 5

(d) 4

Answer: (b)

10. Find the value of (12 x 12) +(2 x 12 x 15) + (15 x 15)

(a) 529

(b) 629

(c) 429

(d) 729

Answer: (d)

11. In a group of 15 workers, 5 are good at both plumping and wood work, 3 workers are good only at woodwork, and 3 are not good at both. How many of them are good at plumping?

(a) 5

(b) 9

(c) 7

(d) 4

Answer: (b)

13. In 10 years, A will be twice as old as B was 10 years ago. If A is now 9 years older than B, the present age of B is:

(a) 37
(b) 41
(c) 35
(d) 39

Answer: (d)

16. Seeta and Geeta are twins. The average age of their family, which consists of a mother and a father, is 23 years. If one twin is excluded, then the average age of the remaining three members, 4 months hence, will be 27 years. What is the age of father, if he is four years older to the mother?

(a) 44 years
(b) 36 years
(c) 40 years
(d) 32 years

Answer: (b)

17. Tap A fills a tank in six hours while Tap B fills the same tank in four hours. Both the taps together will fill the tank in_____.

(a) 2 hrs 40 min
(b) 2 hrs 24 min
(c) 3 hrs
(d) 5 hrs

Answer: (b)

18. Suraj purchased a telephone for Rs. 1,760 and it to Sibin at a discount of 25 %. How much loss did Suraj have on the sale?

(a) Rs. 440
(b) Rs. 360
(c) Rs. 540
(d) Rs. 600

Answer: (a)

19. A car travels its first 100 km at 60 kmph and the next 100 km at 50 kmph. What will be the approx average speed of 200 km?

(a) 55 kmph
(b) 56 kmph
(c) 45 kmph
(d) 50 kmph

Answer: (a)

20. The present ages of three persons are in the ra o of 2 : 3 : 5. Ten years ago, the sum of their ages was 30. Find their present ages.

(a) 15, 30, 45

(b) 12, 18, 30

(c) 6, 9, 15

(d) 3, 6, 9

Answer: (b)

21. A man had two cell phones. He sold one for Rs. 4,000 at the loss of 20%. In order to make profit of 20% on another cell phone of the same kind, what should be the selling price of that phone?

(a) Rs. 6,000

(b) Rs. 8,000

(c) Rs. 10,000

(d) Rs. 5,000

Answer: (a)

22. By selling a pre-owned scooter for Rs. 2970, a man loses 10 %. To get a profit of 20 %, at what rate should he sell his scooter?

(a) Rs. 3960

(b) Rs. 3300

(c) Rs. 3900

(d) Rs. 3600

Answer: (a)

24. If x% of x is 25, then 'x' is equal to:

(a) 50

(b) 40

(c) 100

(d) 60

Answer: (a)

25. Rashmi is twice as old as Resham was two years ago. If the difference of their ages be two years, then what is the present age of Rashmi?

(a) 10 years

(b) 8 years

(c) 9 years

(d) 6 years

Answer: (d)

26. In a school, there are three sports teams. There are 23 players in the basketball team; 20 players in the hockey team; 25 players in the football team. Among them, if 16 play hockey and basketball; 17 play hockey and football; 15 play football and basketball; and 10 play all the three games, then how many players are there in all?

(a) 50
(b) 40
(c) 30
(d) None of the above

Answer: (c)

28. When asked about age, a person replied that my age is a LCM of 2, 3, 3, 6, 12, and 36. Find the person's age.

(a) 72
(b) 54
(c) 36
(d) 18

Answer: (c)

30. Find the average.

83, 85, 87, 89, 91 & 93

(a) 87
(b) 88
(c) 86
(d) 89

Answer: (b)

Science and Simple Arithmetic

5. Each stomatal pore is guarded by:

(a) Subsidiary cells
(b) Epidermal cells
(c) Trichomes
(d) Guard cells

Answer: (d)

6. Intercellular connections in plant cells are called_____.

(a) microfibrils
(b) plasmodesmata
(c) middle lamella
(d) tonoplast

Answer: (b)

8. The perimeter of a parallelogram is 12 cm. If one of its sides is 3.6 cm, find the other.

(a) 1.2 cm
(b) 1.6 cm
(c) 2.4 cm
(d) 2.8 cm

Answer: (c)

14. Three jars were marked A, B, C. Some snails were introduced in to A, some algae in to B and some snails and algae into C. Which of the above 3 stay longer?

(a) Jar B
(b) Jar C
(c) All will perish
(d) Jar A

Answer: (b)

15. Identify the biotic factors that damage food materials during storage.

(a) Rodents, birds, animals only
(b) Enzymes present in the food materials only
(c) All the above
(d) Insects, worms, bacteria, yeast, moulds only

Answer: (c)

16. Which of the following mixtures can be separated to its components using chromatography?

(a) Spirit and water
(b) Milk and sugar
(c) Sea water
(d) Blood sample containing medicines

Answer: (d)

17. The unit of current is:

(a) Ampere
(b) Coulomb
(c) Volt
(d) Watt

Answer: (a)

18. When electrodes are placed in water and electric current is passed through it, oxygen bubbles are formed near the_____.

(a) both the terminals
(b) positive terminal
(c) edges
(d) negative terminal

Answer: (b)

19. On the fifteenth day of the month, the moon is not visible. This day is known as:
    (a) Full moon day
    (b) New moon day
    (c) Half moon day
    (d) Crescent moon day
    Answer: (b)

21. Xylem and phloem are_____.
    (a) supporting tissues
    (b) growing tissues
    (c) protecting tissues
    (d) conducting tissues
    Answer: (d)

22. Kaleidoscope is based on the concept of:
    (a) Reflection
    (b) Multiple reflection
    (c) Refraction
    (d) Dispersion
    Answer: (b)

23. The Wild life Protection Act was enacted in the ye _____.
    (a) 1962
    (b) 1972
    (c) 1974
    (d) 1968
    Answer: (b)

24. Compounds which destroy or arrest the growth of pathogenic bacteria are called_____.
    (a) carbohydrates
    (b) phospholipids
    (c) antibiotics
    (d) vaccine
    Answer: (c)

25. Name the raw material that gives energy for animal cells?
    (a) Food
    (b) CO2
    (c) Water
    (d) Sunlight
    Answer: (a)

27. The mean of 5 numbers is 14. If one number is excluded, then the mean of the remaining numbers becomes 14.5. Find the excluded number.

(a) 15
(b) 10
(c) 12
(d) 18

Answer: (c)

29. If 2x = - , then x =____.

(a) 0.6
(b) 1.8
(c) 1.6
(d) 0.8

Answer: (d)

30. Cell in the human body which is amoeboid in shape is:

(a) Nerve cell
(b) Red blood cell
(c) White blood cell
(d) Muscle cell

Answer: (c)

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	**(b)**	2	**(a)**	3	**(b)**	5	**(a)**	6	**(c)**	7	**(a)**	8	**(a)**	9	**(b)**		
10	**(b)**	11	**(c)**	12	**(d)**	13	**(d)**	14	**(b)**	15	**(b)**	16	**(c)**	17	**(d)**		
18	**(a)**	19	**(a)**	20	**(c)**	21	**(c)**	22	**(d)**	23	**(c)**	24	**(c)**	25	**(d)**		
26	**(d)**	27	**(d)**	28	**(c)**	29	**(a)**	31	**(a)**	32	**(b)**	33	**(a)**	36	**(b)**		
37	**(d)**	38	**(c)**	39	**(d)**												

Mental Ability and Mental Aptitude

6	**(b)**	7	**(d)**	8	**(c)**	9	**(b)**	10	**(d)**	11	**(b)**	13	**(d)**	16	**(b)**		
17	**(b)**	18	**(a)**	19	**(a)**	20	**(b)**	21	**(a)**	22	**(a)**	24	**(a)**	25	**(d)**		
26	**(c)**	28	**(c)**	30	**(b)**												

Science and Simple Arithmetic

5	**(d)**	6	**(b)**	8	**(c)**	14	**(b)**	15	**(c)**	16	**(d)**	17	**(a)**	18	**(b)**		
19	**(b)**	21	**(d)**	22	**(b)**	23	**(b)**	24	**(c)**	25	**(a)**	27	**(c)**	29	**(d)**		
30	**(c)**																