PREVIOUS YEAR PAPER

MP Police Constable 2017 — 10 September 2017, Shift 2

MP Police Constable · 10 September 2017 · 03:00 PM

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

Left out of the original paper: 30 (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 10 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-2017-10-sep-shift-2/

General Knowledge and Logical Knowledge

1. Who is the Union Minister for Railways?
   (a) Suresh Prabhu
   (b) Chaudhary Birender Singh
   (c) Thaawar Chand Gehlot
   (d) Piyush Goyal
   Answer: (a)

2. Who is the chairman of the Atomic Energy Commis n?
   (a) Madhavan Nair
   (b) U R Rao
   (c) Sekhar Basu
   (d) A S Kiran Kumar
   Answer: (c)

3. Today is Sunday. After 1344 days it will be:
   (a) Tuesday
   (b) Monday
   (c) Saturday
   (d) Sunday
   Answer: (d)

4. Which Schedule of the Constitution lists the languages recognized by it?
   (a) Sixth Schedule
   (b) Seventh Schedule
   (c) Ninth Schedule
   (d) Eighth Schedule
   Answer: (d)

5. The present defence minister of India is_____.

(a) Manohar Parrikkar
(b) Arun Jaitley
(c) Ananth Kumar
(d) Nitin Gadkari

Answer: (b)

6. The present head coach of Men's Indian Cricket Team is_____.

(a) Sourav Ganguly
(b) Rahul Dravid
(c) Ravi Shastri
(d) Anil Kumble

Answer: (c)

7. Villages from which of the following districts have been included in the Climate Smart Village Project?

(a) Singraulli
(b) Umaria
(c) Sehore
(d) Ashok Nagar

Answer: (c)

8. If one writes 'twenty four thousand nine hundred [illegible] twenty eight' in a reverse form which number would be in the hundreds place?

(a) EIGHT
(b) FOUR
(c) NINE
(d) TWO

Answer: (c)

9. Kheoni (khivni) sanctuary is located in the district_____.

(a) Morena
(b) Dewas
(c) Rewa
(d) Ratlam

Answer: (b)

10. Who among the following propagated 'Advaita Philosophy'?

(a) Madhavacharya
(b) Gautam Buddha
(c) Ramanujacharya
(d) Shankaracharya

Answer: (d)

11. Who argued on behalf of India in the Kulbhushan Jadhav case?
(a) Harish Salve
(b) Mulkul Rohatgi
(c) Arvind Datar
(d) KK Venugopal
Answer: (a)

12. The term 'Googly' is associated with
(a) Athletics
(b) Cricket
(c) Football
(d) Badminton
Answer: (b)

13. Who was the first Indian to become member of British Parliament
(a) D.N.Wacha
(b) Surendranath Banerjee
(c) Firozshah Mehta
(d) Dadabhai Naoroji
Answer: (d)

14. Who was named as the Chief Minister of Punjab fo wing the victory of the Congress party in the state elections of 2017?
(a) Sukhpal Singh Bhullar
(b) Captain Amarinder Singh
(c) Charanjit Kaur Bajwa
(d) Preneet Kaur
Answer: (b)

15. Who was appointed the 15th Attorney General of India on 30th June, 2017?
(a) Soli Sorabjee
(b) Ravi Shankar Prasad
(c) Mukul Rohatgi
(d) KK Venugopal
Answer: (d)

16. B is twice as old as A but twice younger than F. C is half the age of A but twice the age of D. Who is the oldest?
(a) C
(b) A
(c) D
(d) F
Answer: (d)

17. The Preamble of Constitution of India envisages a
    (a) secular democracy
    (b) theocratic state
    (c) sovereign, democratic, secular and socialist republic
    (d) Monarchy
    Answer: (c)

18. The President Rule is imposed in a State when
    (a) there is police firing
    (b) there is breakdown of Constitutional machinery
    (c) the governor becomes disloyal to the centre
    (d) the Chief minister misbehaves
    Answer: (b)

19. The standard meridian of India passes through
    (a) Ujjain
    (b) Singrauli
    (c) Durg
    (d) Bhopal
    Answer: (b)

20. Cherrapunji, famous for receiving the highest ann rainfall in India is located in which state?
    (a) Tripura
    (b) Mizoram
    (c) Sikkim
    (d) Meghalaya
    Answer: (d)

21. "Sharad Joshi Award" is given in which of these fields?
    (a) Essays, Memoirs, Satire Writing
    (b) Poetry
    (c) Classical Music
    (d) Visual Art
    Answer: (a)

22. Eklavaya Award is given to
    (a) Junior players
    (b) Trainers
    (c) Senior players
    (d) Coaches
    Answer: (a)

23. Ratapani dam is located in_.
    (a) Morena District
    (b) Dhar District
    (c) Raisen District
    (d) Ratlam District
    Answer: (c)

25. Find the odd one out:
    (a) 99
    (b) 126
    (c) 109
    (d) 45
    Answer: (c)

26. Complete the series choosing the missing number:

2, 5, 9, 19, 37, _____
    (a) 74
    (b) 76
    (c) 73
    (d) 75
    Answer: (d)

27. Complete the series choosing the missing numb

4, 10, _____, 82, 244
    (a) 24
    (b) 37
    (c) 28
    (d) 30
    Answer: (c)

28. Complete the series choosing the missing number:

2, 3, 8, 63, _____
    (a) 3008
    (b) 3968
    (c) 1998
    (d) 1038
    Answer: (b)

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

Statements:

Some tables are fables

All fables are cables

Conclusions:

I. All tables are cables

II. Some tables are cables

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

Answer: (c)

30. Find the odd one out:

(a) windshields
(b) car
(c) wheels
(d) bonnet

Answer: (b)

31. If BANGALORE is coded YZMTZOLIV, then [illegible] KOLKATA coded?

(a) PLOPYGY
(b) PLOPZGZ
(c) PLOPZDZ
(d) QLOPZGZ

Answer: (b)

34. IfKIRAN is coded LJSBO, then how is SRIKANT coded?

(a) TQJLBOU
(b) TSJLBMU
(c) TSJLBOV
(d) TSJLBOU

Answer: (d)

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

Statements:

All coins are pens

Some books are pens

Conclusions:

I. Some coins are books

II. Some books are coins

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

Answer: (d)

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

Statements:

Some wagons are cars

All mopeds are wagons

Conclusions:

I. Some mopeds are cars

II. All wagons are mopeds

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

Answer: (d)

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

Statements:

No child is a monster

All children are surgeons

Conclusions:

I. Some surgeons are not monsters

II. Some surgeons are children

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

Answer: (a)

40. In a certain code language, bart il arn means thrills and frills, hed mik ain means diamonds are forever, ad ket hed means hard as diamonds, lim arn kelt means rock music thrills, ket kelt lim means hard rock music. Which is the word for mik in that code language?

(a) music
(b) diamonds
(c) are or forever
(d) hard

Answer: (c)

Mental Ability and Mental Aptitude

7. The product of ages of Mohanlal and Sohanlal is 99. If the difference of their ages is 2 then find the age of the elder among the two.

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

Answer: (c)

8. Out of 4000 workers employed by an ancient king to build his monument, 3600 carried the stones from the quarry, while 608 helped in carrying the stones as well as in mounting them. How many helped in mounting the stones alone?

(a) 600
(b) 400
(c) 300
(d) None of the above

Answer: (b)

9. At simple interest a sum of money is doubled in 20 years. What is the rate of interest?

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

Answer: (c)

10. The age of Preeti and Vimal are in the ratio of 3 : 5. After 9 years, the ratio of their ages will become 3 : 4. The present age of Vimal is:

(a) 15 years
(b) 9 years
(c) 18 years
(d) 24 years

Answer: (a)

11. If three fifth of a number is 155 more than two fifth of the same number, then the number will be

(a) 925
(b) 775
(c) 885
(d) 955

Answer: (b)

12. Find the difference between the compound interest and simple interest on Rs. 30,625 invested at 4% p.a. for 2 years.

(a) Rs. 50
(b) Rs. 49
(c) Rs. 125
(d) Rs. 99

Answer: (b)

13. Two friends, A and B start from places X and Y, respectively which are at a distance of 390 km. Find the time taken by them to cross each other, if they are traveling in opposite directions at a speed of 5 kmph and 8 kmph, respectively.

(a) 10 hrs
(b) 40 hrs
(c) 30 hrs
(d) 20 hrs

Answer: (c)

14. If 'x' is 80% of y, what percentage of 'x' is 'y'?

(a) 130%
(b) 120%
(c) 128%
(d) 125%

Answer: (d)

15. If A's income is 20 % less than B's income, find out by how much percent B's income is more than A's income?

(a) 20%
(b) 25%
(c) 35%
(d) 30%

Answer: (b)

16. A and B can do a piece of work in 15 days. A and C can do it in 10 days, and B and C can do it in 12 days. How many days would all of them together take for the task to be completed?

(a) 5 days
(b) 4 days
(c) 8 days
(d) 9 days

Answer: (c)

17. A can do a work in 30 days. He works at it for 20 days and then 'B' finished it in 12 days. In how many days 'B' alone can complete the work?

(a) 35 days
(b) 36 days
(c) 32 days
(d) 30 days

Answer: (b)

18. A class contains 20 boys and 20 girls. The average marks scored by the 20 girls in an exam is 85 and the average marks scored by the 20 boys in the class in the same exam is 83. Find the average marks scored by the class in the exam.

(a) 84
(b) 80
(c) 90
(d) 86

Answer: (a)

20. If the selling price of 20 oranges is same as cost price of 30 oranges, find the gain percentage.

(a) 80 %
(b) 60 %
(c) 50 %
(d) 70 %

Answer: (c)

21. The ratio of father's age to son's age is 3 : 1. The product of their ages is 243. The ratio of their ages 9 years hence, will be:

(a) 2 : 1
(b) 3 : 1
(c) 5 : 3
(d) 4 : 1

Answer: (a)

22. The ratio of salaries of Sonu and Monu is 3 : 4 and the ratio of their expenditure is 8 : 11. If the savings of both of them are equal, then the salary and expenditure of Sonu are in ratio:

(a) 9 : 11
(b) 8 : 9
(c) 11 : 9
(d) 9 : 8

Answer: (d)

23. The ages of two persons differ by 20 years. If 5 years ago, the elder one be 5 times as old as the younger one, their present ages (in years) are respectively:

(a) 20, 20
(b) 30, 10
(c) 25, 15
(d) 20, 10

Answer: (b)

24. Sulthan has purchased an item for Rs. [illegible]00. If [illegible] wants to make a profit of 20 % at what price must he sell the item?

(a) Rs. 2,400
(b) Rs. 2,100
(c) Rs. 2,200
(d) Rs. 2,300

Answer: (a)

26. Find the average.

77, 79, 83, 89, 95 & 99

(a) 89
(b) 87
(c) 88
(d) 91

Answer: (b)

29. A person travels equal distance with speeds of 4 kmph, 5 kmph, and 6 kmph and takes a total time of 74 min. The total distance in kilo meter is:

(a) 10 km

(b) 12 km

(c) 8 km

(d) 6 km

Answer: (d)

30. A man was asked to multiply a certain number by 53. He multiplied it by 35 and got his answer less than the correct one by 1206. What was the number to be multiplied?

(a) 67

(b) 87

(c) 37

(d) 107

Answer: (a)

Science and Simple Arithmetic

6. A man bought a horse and a carriage for Rs. 3000. He sold the horse at a gain of 20% and the carriage at a loss of 10%, thereby gaining 2% on the whole. The cost price of the carriage is:

(a) Rs. 1200

(b) Rs. 1300

(c) Rs. 1800

(d) Rs. 1700

Answer: (c)

7. If PQRS is a parallelogram with PR = QS, then PQRS is a _____.

(a) rhombus

(b) square

(c) rectangle

(d) none of the above

Answer: (c)

8. Two cats A and B together catch 60 mice. If A catches three mice for every two caught by B, the number of mice caught by B is:

(a) 20

(b) 26

(c) 24

(d) 30

Answer: (c)

12. If 52 men can do a piece of work in 35 days, in how many days will 28 men do the same work?
(a) 62
(b) 68
(c) 65
(d) 60
Answer: (c)

14. Which of the following is a rich source of iodine and potassium?
(a) Kelp
(b) Chlamydomonas
(c) Yeast
(d) Spirogyra
Answer: (a)

15. Cavities of mouth, blood vessels, heart, etc, are lined with:
(a) Squamous epithelium
(b) Columnar epithelium
(c) Cuboidal epithelium
(d) Connective tissue
Answer: (a)

17. The network of knotted thread like structures in th ucleus is called_____.
(a) DNA
(b) chromosomes
(c) chromatids
(d) chromatin
Answer: (d)

18. Name the organelle that is seen only in plant cells.
(a) Mitochondria
(b) Centriole
(c) Plastids
(d) Lysosome
Answer: (c)

19. A solution contains 50 g of sugar in 250 g of water. Calculate the mass by mass percentage of the solution.
(a) 16.7%
(b) 20%
(c) 25%
(d) 18.5%
Answer: (a)

21. Units of heredity are:
    (a) Nucleus
    (b) Genes
    (c) Nucleolus
    (d) Chromosomes
    Answer: (b)

22. Which of the following does not allow the electric current to pass through them?
    (a) Tap water
    (b) Sea water
    (c) Vinegar
    (d) Distilled water
    Answer: (d)

23. Which of the following is NOT an example of a bio-mass energy source?
    (a) Coal
    (b) Nuclear energy
    (c) Wood
    (d) Gobar-gas
    Answer: (b)

24. An example of night bird is:
    (a) Owl
    (b) Crow
    (c) Sparrow
    (d) Bat
    Answer: (a)

25. Kilowatt hour is the unit of:
    (a) Electric potential
    (b) Electrical energy
    (c) Electric charge
    (d) Electric power
    Answer: (b)

27. Why are large poultry farms constructed?
    (a) There is low maintenance requirement for developing poultry only.
    (b) To develop very good hatchery for egg layers, in large numbers only.
    (c) To raise broilers for chicken meat in large numbers only.
    (d) All the above
    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	**(a)**	2	**(c)**	3	**(d)**	4	**(d)**	5	**(b)**	6	**(c)**	7	**(c)**	8	**(c)**
9	**(b)**	10	**(d)**	11	**(a)**	12	**(b)**	13	**(d)**	14	**(b)**	15	**(d)**	16	**(d)**
17	**(c)**	18	**(b)**	19	**(b)**	20	**(d)**	21	**(a)**	22	**(a)**	23	**(c)**	25	**(c)**
26	**(d)**	27	**(c)**	28	**(b)**	29	**(c)**	30	**(b)**	31	**(b)**	34	**(d)**	36	**(d)**
37	**(d)**	38	**(a)**	40	**(c)**										

Mental Ability and Mental Aptitude

7	**(c)**	8	**(b)**	9	**(c)**	10	**(a)**	11	**(b)**	12	**(b)**	13	**(c)**	14	**(d)**
15	**(b)**	16	**(c)**	17	**(b)**	18	**(a)**	20	**(c)**	21	**(a)**	22	**(d)**	23	**(b)**
24	**(a)**	26	**(b)**	29	**(d)**	30	**(a)**								

Science and Simple Arithmetic

6	**(c)**	7	**(c)**	8	**(c)**	12	**(c)**	14	**(a)**	15	**(a)**	17	**(d)**	18	**(c)**
19	**(a)**	21	**(b)**	22	**(d)**	23	**(b)**	24	**(a)**	25	**(b)**	27	**(d)**		