PREVIOUS YEAR PAPER

MP Police Constable 2017 — 14 September 2017, Shift 1

MP Police Constable · 14 September 2017 · 09:00 AM

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

Left out of the original paper: 31 (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 14 September 2017, 09:00 AM. 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-2017-14-sep-shift-1/

General Knowledge and Logical Knowledge

2. If TEACHER is coded VGCEJGT, then how is PROBLEM coded?

(a) PTRDNGP
(b) RTQDNGO
(c) RTQENGO
(d) RTPDNGP

Answer: (b)

5. Which one of the national park is NOT located in M[illegible]ya Pradesh?

(a) Bannerghatta National Park
(b) Van Vihar National Park
(c) Bandhavgarh National Park
(d) Kanha National Park

Answer: (a)

7. Veterinary Science University is located at

(a) Seoni
(b) Jabalpur
(c) Neemuch
(d) Mhow

Answer: (b)

9. What is the approximate length of 'Chenani-Nashri Tunnel'?

(a) 9 km
(b) 13 km
(c) 12 km
(d) 19 km

Answer: (a)

10. Who has been appointed the Chairman of the Internet and Mobile Association of India?
    (a) Shubho Ray
    (b) Umang Bedi
    (c) Rajan Anandan
    (d) Deepak Kalra
    Answer: (c)

11. The term ‘under-cutting’ is associated with
    (a) Cricket
    (b) Hockey
    (c) Football
    (d) Tennis
    Answer: (b)

12. India’s longest river bridge, Dhola Sadia, has been renamed as the _____.
    (a) Bhupen Hazarika Bridge
    (b) Raman Deka Bridge
    (c) Gopinath Bordoloi Bridge
    (d) Tarun Gogoi Bridge
    Answer: (a)

13. Who won the women's singles title at the Syed Mo nternational Badminton Championship 2017?
    (a) P V Sindhu
    (b) Jwala Gutta
    (c) Ashwini Ponnappa
    (d) Saina Nehwal
    Answer: (a)

14. Who was the longest serving Chief Minister in India?
    (a) Jayalalithaa
    (b) Jyoti Basu
    (c) Chandrababu Naidu
    (d) Narendra Modi
    Answer: (b)

15. The State Sport of Madhya Pradesh is_____.
    (a) Sitoliya
    (b) Malkhamb
    (c) Kabbadi
    (d) Hockey
    Answer: (b)

16. Abhinav Bharat' was organized by
    (a) Khudiram Bose
    (b) Bhai Parmanand
    (c) None of these
    (d) Vir Savarkar
    Answer: (d)

17. The Dronacharya award in 2016 was awarded to which one of the following personalities?
    (a) P. Gopichand
    (b) Anil Kumble
    (c) Amir Khan
    (d) Mahavir Singh Phogat
    Answer: (d)

18. Name the first female Speaker of Lok Sabha?
    (a) Sumitra Mahajan
    (b) Indira Gandhi
    (c) Sushma Swaraj
    (d) Meira Kumar
    Answer: (d)

19. Geographically, Madhya Pradesh is the _____ larg state in the country.
    (a) Third
    (b) Second
    (c) Fourth
    (d) Eight
    Answer: (b)

20. Complete the series choosing the missing number:

1, 2, 3, 6, 9, 18, _____, 54
    (a) 36
    (b) 27
    (c) 18
    (d) 48
    Answer: (b)

21. Complete the series choosing the missing number:

3, 6, 18, 72, _____
    (a) 216
    (b) 360
    (c) 288
    (d) 144
    Answer: (b)

22. Complete the series choosing the missing number:

4, 5, 9, 18, 34, _____

(a) 50
(b) 49
(c) 43
(d) 59

Answer: (d)

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

Statements:

Some thieves are robbers

All burglars are robbers

Conclusions:

I. Some burglars are thieves

II. Some robbers are thieves

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

Answer: (a)

24. Who is popularly known as 'Little Master' ?

(a) Sunil Gavaskar
(b) Mohinder Amarnath
(c) Kapil Dev
(d) Gundappa Vishwanath

Answer: (a)

25. Find the odd one out:

3, 0, 5, 2, 8, 4, 9, 6

(a) 0
(b) 5
(c) 9
(d) 8

Answer: (d)

26. Choose the number which is different from others in the group:

43, 53, 63, 73

(a) 63
(b) 73
(c) 53
(d) 43

Answer: (a)

27. Which movie has been screened for the longest span of time in a theatre?

(a) Dilwale Dulhania Le Jaayenge
(b) Kuch Kuch Hota Hai
(c) Kal Ho Na Ho
(d) Lagaan

Answer: (a)

31. If CANCELS is coded CLECNAS, then how is FASHION coded? ?

(a) FOIHSAN
(b) FOISHAN
(c) FIOHSAN
(d) FIOSAHN

Answer: (a)

34. In a certain code language, ib ein eip means Th great actors, ein tab kil means These fine songs, and eip kil lot means Her great song Whic the word for actors in that code language?

(a) eip
(b) ib
(c) ein
(d) kil

Answer: (b)

35. 104th Session of the Indian Science Congress was held in

(a) Mysore
(b) Jabalpur
(c) Tirupati
(d) New Delhi

Answer: (c)

36. Who is the National Security Advisor of India?

(a) Amitabh Kant
(b) S Jaishankar
(c) Pradeep Kumar Sinha
(d) Ajit Kumar Doval

Answer: (d)

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

Statements:

All teasers are puzzles

All puzzles are ticklers

Conclusions:

I. All teasers are ticklers

II. All ticklers are teasers

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

Answer: (b)

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

Statements:

Some stones are buns

All stones are clocks

Conclusions:

I. Some buns are clocks

II. Some clocks are buns

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

Answer: (d)

39. Bhimbetka caves are famous for its

(a) Tiger parks
(b) Cave art
(c) Rock paintings
(d) Sculptures

Answer: (c)

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

Statements:

All chalks are boroughs

Some boroughs are cameras

Conclusions:

I. Some boroughs are chalks

II. Some cameras are chalks

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

Answer: (b)

Mental Ability and Mental Aptitude

6. Out of the Rs. 642 he had at the beginning of the day, Tilak has spent Rs. 234 on buying books and Rs. 162 on stationery. How much money did he sp d on food, if he had Rs.100 left at the end of the day?

(a) Rs. 200
(b) Rs. 164
(c) Rs. 116
(d) Rs. 146

Answer: (d)

7. A man left for city A to city B at 9:00 a.m. He traveled at the speed of 80 kmph. If the total distance from city A to city B is 380 km, then at what time did he reach city B?

(a) 1.30 p.m.
(b) 2.00 p.m.
(c) 2.15 p.m.
(d) 1.45 p.m.

Answer: (d)

9. Total of the ages of A, B and C at present is 90 years. Ten years ago, the ratio of their ages was 1: 2: 3. What is the age of C at present?

(a) 40
(b) 25
(c) 60
(d) 30

Answer: (a)

10. Value of 3550 / 0.05 is: / 3550

(a) 72100

(b) 71100

(c) 75500

(d) 71000

Answer: (d)

11. If 21 sheep consume fodder as much as 22 cows do; then, how many sheep will eat as much fodder as 132 cows?

(a) 143

(b) 126

(c) 66

(d) 134

Answer: (b)

12. 3 times the age of Seema is 11 times the age of Reema. After 15 years, the ages of Reema and Seema will be in the Ratio of 1:3. Find the present age of Reema.

(a) 50

(b) 55

(c) 45

(d) 60

Answer: (c)

13. In a cricket club of 16 players, 12 players can do batting, and 7 players can do bowling. How many all rounders are there in the club?

(a) 4

(b) 2

(c) 7

(d) 3

Answer: (d)

14. The sum of the product of largest 4-digit and smallest 5-digit number and 100 is:

(a) 99900000

(b) 9990000

(c) 9999100

(d) 99990100

Answer: (d)

16. If 4/5 of a metre cloth costs Rs. 12, what will be the cost of 3/5 of a metre?

(a) 16

(b) 18

(c) 15

(d) 9

Answer: (d)

17. Ten years ago, P was half of Q in age. If the ratio of their present ages is 3:4, what will be the total of their present ages?

(a) 34
(b) 45
(c) 25
(d) 35

Answer: (d)

18. Ten men earn Rs.200 each per day. Find the average money earned per day by the 10 men when the money earned per day is doubled for everyone.

(a) Rs.440
(b) Rs.450
(c) Rs.400
(d) Rs.390

Answer: (c)

19. The speed of a train is 54 kmph excluding its halting time. If we include its halts, and the speed is 45 kmph, then for how many minutes does the train stop per hour?

(a) 11 min
(b) 5 mins
(c) 10 min
(d) 9 min

Answer: (c)

20. How many kilograms of dry fruit can be obtained from 170 kg of fresh fruit, when fresh fruit contain 70 % water, and the dry ones 15 % wa

(a) 60 kg
(b) 50 kg
(c) 70 kg
(d) 100 kg

Answer: (a)

22. Sunil started a business investing Rs. 5,000. After three months, Anil joined him with a capital of Rs. 8,000. At the end of the year, they made a profit of Rs. 7,700. What should Anil's share be in it?

(a) Rs. 3,300
(b) Rs. 4,200
(c) Rs. 3,500
(d) Rs. 4,400

Answer: (b)

23. A dealer will get Rs. 470 more if, instead of selling a table at a loss of 10 %, it is sold at a gain of 10 %. Find the cost price of the table.

(a) Rs. 4350
(b) Rs. 2350
(c) Rs. 1350
(d) Rs. 3350

Answer: (b)

24. If the largest 3 digit number is subtracted from smallest 5 digit number, then the balance is:

(a) 9,001
(b) 1
(c) 901
(d) 9,000

Answer: (a)

25. A team has won 14 matches and lost 4 of them. If these matches represent 60 % of the total number of matches to be played, how many more matches should the team win, in order to have a record of 70 % win?

(a) 4
(b) 6
(c) 7
(d) 5

Answer: (c)

27. Find the average.

69, 72, 75, 78, 81 & 87

(a) 77
(b) 76
(c) 75
(d) 71

Answer: (a)

29. A train of length 140 m running at a speed of 30 m/s crosses another train of length 160 m running in opposite direction in 6 sec. Find the speed of the other train.

(a) 30 m/s
(b) 10 m/s
(c) 40 m/s
(d) 20 m/s

Answer: (d)

30. A student multiplied a number by 3/5 instead of 5/3. What is the percentage error in the calculation?

(a) 34%
(b) 44%
(c) 54%
(d) 64%

Answer: (d)

Science and Simple Arithmetic

7. Find the least number which must be added to 3158 to make it a perfect square.

(a) 22
(b) 87
(c) 45
(d) 91

Answer: (d)

8. An article was sold at a gain of 14%. Had it been sold for Rs. 270 more, the gain would have been 20%. The cost price of the article is:

(a) Rs. 3200
(b) Rs. 4500
(c) Rs. 4800
(d) Rs. 3900

Answer: (b)

10. If the diagonal of a rhombus is 160cm and [illegible] is 82cm, then the measure of the other diagonal is:

(a) 36 cm
(b) 24 cm
(c) 42 cm
(d) 18 cm

Answer: (a)

12. The present population of a village is 10000. If it increases at the rate of 5% per annum, then its population after 2 years will be:

(a) 12100
(b) 12250
(c) 11025
(d) 11750

Answer: (c)

14. Three numbers are in the ratio 1 : 2 : 3. If the sum of their cubes is 972, then the largest of the three numbers is:

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

Answer: (d)

17. Which one of the following has a long-term effect on the health of an individual?

(a) Common cold
(b) Kidney ailment
(c) Chicken pox
(d) Cholera

Answer: (b)

18. Which of the following is NOT a part of light microscope?

(a) Object holder
(b) Light source
(c) Two lenses
(d) Hand lens

Answer: (d)

19. Which of the following cells are renewed every 1[illegible]ays?

(a) Red blood cells
(b) White blood cells
(c) Platelets
(d) Blood

Answer: (a)

20. To keep our eyes fit, our diet should include:

(a) Vitamin D
(b) Vitamin K
(c) Vitamin C
(d) Vitamin A

Answer: (d)

21. Thousands of mirrors or curved metals are used to focus solar energy to a small point to make it very hot. This happens in:

(a) Solar furnace
(b) Solar heater
(c) Solar cells
(d) Solar battery

Answer: (a)

22. Mark the odd one out.
    (a) Seahorse
    (b) Flying fish
    (c) Jelly fish
    (d) Rohu
    Answer: (c)

23. At the tip of root and shoot, the tissue present is:
    (a) Ground tissue
    (b) Epidermal tissue
    (c) Meristematic tissue
    (d) Vascular tissue
    Answer: (c)

24. The instrument used to measure the current flowing through a circuit is called_____.
    (a) Galvanometer
    (b) Voltammeter
    (c) Voltmeter
    (d) Ammeter
    Answer: (d)

25. Two of the components of ecosystem mentioned ow are abiotic. Identify them.

Inorganic nutrients, herbivores, decomposers, clim factors, forests
    (a) Decomposers and inorganic nutrier
    (b) Decomposers and climatic factors
    (c) Inorganic nutrients and forests
    (d) Climatic factors and inorganic nutrients
    Answer: (d)

26. Iron when red hot reacts with steam to form:
    (a) Iron hydroxide and hydrogen gas
    (b) Iron (II,III) oxide and hydrogen gas
    (c) Iron (II,III) oxide and water
    (d) Iron hydroxide and water
    Answer: (b)

27. Identify the plant that does not yield fibre.
    (a) Palm
    (b) Coconut
    (c) Hemp
    (d) Cotton
    Answer: (a)

28. Metal compound A reacts with dilute hydrochloric acid to produce effervescence, the gas evolved during the reaction extinguishes a burning candle. The gas is:

(a) Carbon dioxide
(b) Hydrogen
(c) Oxygen
(d) Nitrogen

Answer: (a)

29. Goldsmith blow the outermost zone of a flame with a metallic pipe for melting gold and silver because it is:

(a) Least hot
(b) Hottest
(c) Cold
(d) Moderately hot

Answer: (b)

30. The major air pollutant produced when coal is burnt in thermal power station is:

(a) Methane
(b) Sulphur dioxide
(c) Carbon dioxide
(d) Ozone

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 Knowledge and Logical Knowledge

2	**(b)**	5	**(a)**	7	**(b)**	9	**(a)**	10	**(c)**	11	**(b)**	12	**(a)**	13	**(a)**		
14	**(b)**	15	**(b)**	16	**(d)**	17	**(d)**	18	**(d)**	19	**(b)**	20	**(b)**	21	**(b)**		
22	**(d)**	23	**(a)**	24	**(a)**	25	**(d)**	26	**(a)**	27	**(a)**	31	**(a)**	34	**(b)**		
35	**(c)**	36	**(d)**	37	**(b)**	38	**(d)**	39	**(c)**	40	**(b)**						

Mental Ability and Mental Aptitude

6	**(d)**	7	**(d)**	9	**(a)**	10	**(d)**	11	**(b)**	12	**(c)**	13	**(d)**	14	**(d)**		
16	**(d)**	17	**(d)**	18	**(c)**	19	**(c)**	20	**(a)**	22	**(b)**	23	**(b)**	24	**(a)**		
25	**(c)**	27	**(a)**	29	**(d)**	30	**(d)**										

Science and Simple Arithmetic

7	**(d)**	8	**(b)**	10	**(a)**	12	**(c)**	14	**(d)**	17	**(b)**	18	**(d)**	19	**(a)**		
20	**(d)**	21	**(a)**	22	**(c)**	23	**(c)**	24	**(d)**	25	**(d)**	26	**(b)**	27	**(a)**		
28	**(a)**	29	**(b)**	30	**(b)**												