PREVIOUS YEAR PAPER

MP Police Constable 2016 — 4 August 2016, Shift 1

MP Police Constable · 4 August 2016 · 09:00 AM

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 4 August 2016, 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-2016-4-aug-shift-1/

General and Logical Knowledge

1. Who wrote “Shunyasiddhanta”

(a) Aryabhatta
(b) Varahamihira
(c) Kautilya
(d) Kalidasa

Answer: (a)

2. Vamana Temple is located in ___.

(a) Mandu
(b) Khajuraho
(c) Padavali
(d) Suhania

Answer: (b)

4. Which one of the following states does not have a railway station?

(a) Sikkim
(b) Himachal Pradesh
(c) Jammu & Kashmir
(d) Nagaland

Answer: (a)

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

Statements:

Some dresses are not skirts.

Some drinks are not dresses.

Conclusions:

I. Some drinks are skirts

II. Some dresses are drinks

(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: (b)

7. Where is Asia's largest mosque,'Taj-ul-Masjid' situated?

(a) Ujjain
(b) Gwalior
(c) Bhopal
(d) Jabalpur

Answer: (c)

8. If the bread is toasted and mayonnaise is sp[illegible]n it then either I will go hungry or I will have acidity. I have acidity so the bread was toasted.

(a) True
(b) False
(c) Maybe
(d) Irrelevant

Answer: (c)

10. 13th President of India is_____

(a) Pratibha Devi Singh Patil
(b) A.P.J. Abdul Kalam
(c) Pranab Mukherjee
(d) K.R.Narayanan

Answer: (c)

11. The capital of Gandhara was

(a) Taxila
(b) Pataliputra
(c) Varanasi
(d) Vaishali

Answer: (a)

13. Which of the following belongs to the same family as Lungs, Liver and Kidney?

(a) Heart
(b) Ears
(c) Nose
(d) Neck

Answer: (a)

15. In column I are listed certain groups of individuals while in column II are listed some of the characteristics against each group of individuals which are common to each member of that group.

Which characteristic are common to G and H but is not in M?

(a) Q
(b) R
(c) S
(d) B

Answer: (a)

16. Who was the first member of a Dravidian Party to hold the office of Chief Minister of Tamil Nadu?

(a) Periyar
(b) CN Annadurai
(c) MG Ramchandra Menon
(d) M Karunanidhi

Answer: (b)

18. In most Windows applications, Undo command is activated by pressing ___.

(a) Ctrl+A
(b) Ctrl+S
(c) Ctrl+Z
(d) Ctrl+U

Answer: (c)

19. Madhya Pradesh government announced a new award in 2015 for those working to stop violence against women. This award is named after____.

(a) Nirbhaya
(b) Kalpana Chawla
(c) Aruna Shanbaug
(d) Devi Ahilya Bai

Answer: (c)

20. What is the day on 25th October 2045?

(a) Monday
(b) Tuesday
(c) Wednesday
(d) Thursday

Answer: (c)

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

Statements:

Some aquas are octopus.

All octopuses are dangerous.

Conclusions:

I. Some aquas are dangerous.

II. All octopuses are aquas.

(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)

24. Six persons A,B,C,D,E and F were playing a game. A's father, mother and uncle were in the group. There were two females. B, the mother of A got more points than her husband. D got more points in the game than E but less than F. Niece of E got the lowest points. Father of A got more points than F but still could not win the game. Who got the lowest points?

(a) A
(b) C
(c) E
(d) B

Answer: (a)

25. INS Chakra and INS Arihant are

(a) Submarines
(b) Aircraft Carriers
(c) Patrol Vessels
(d) Trainer Aircrafts

Answer: (a)

27. The positions of how many digits in the number 321465987 will remain same when the digits are arranged in ascending order?

(a) Three
(b) One
(c) Two
(d) None

Answer: (a)

28. _____won bronze medals in the 200 and 1600 metres races at the Special Olympics at Athens in 2011.

(a) Sita Sahu
(b) Varsha Varman
(c) Harshita Tomar
(d) Manisha Keer

Answer: (a)

29. The only team sport in which India has ever won an Olympic Gold Medal is

(a) Cricket
(b) Football
(c) Hockey
(d) Volleyball

Answer: (c)

30. How is Alpha related to Beta if (1) Gamma told T .a that Phi is his father's nephew. (2) Alpha is Gamma's cousin but not the brother of Phi

(a) Sister
(b) Niece
(c) Nephew
(d) Cousin

Answer: (a)

31. Pong Dam is a venture undertaken jointly by which of the following groups of States?

(a) Andhra Pradesh, Madhya Pradesh and Orissa
(b) Gujarat, Maharashtra and Rajasthan
(c) Gujarat, Madhya Pradesh and Orissa
(d) Haryana, Punjab and Rajasthan

Answer: (d)

33. The Fundamental Rights have been incorporated in part_____ of the Constitution

(a) VIII
(b) II
(c) III
(d) IV

Answer: (c)

34. Which of the States in India is referred to as 'God's own country'?
    (a) Goa
    (b) Kerala
    (c) Tamil Nadu
    (d) Uttar Pradesh
    Answer: (b)

35. Kailash Satyarthi received the Nobel Prize for his work in which one of the following fields?
    (a) Literature
    (b) Peace
    (c) Physics
    (d) Economics
    Answer: (b)

36. Six friends A,B,C,D,E and F are sitting in a closed circle facing the centre. E is to the left of D. C is between A and B. F is between E and A.

Who is sitting second to the right of C?
    (a) B
    (b) D
    (c) F
    (d) A
    Answer: (c)

37. The civil disobedience movement was l[illegible]che[illegible]y
    (a) Bala Gangadhar Tilak
    (b) Mahatma Gandhi
    (c) Jawaharlal Nehru
    (d) Sardar Patel
    Answer: (b)

39. The national fruit of India is
    (a) Apple
    (b) Mango
    (c) Banana
    (d) Jackfruit
    Answer: (b)

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

Statements:

All instruments are measuring devices

All tapes are instruments

Conclusions:

I. All instruments are tapes

II. All tapes are measuring devices

(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: (b)

Mental Ability and Mental Aptitude

2. When digits of a two digit number are reversed its value gets lowered by 9. If the sum of the two digits is 15, then one of the digits in this number is

(a) 9
(b) 6
(c) 7
(d) 3

Answer: (c)

4. A is thrice as good a workman as B and together, they finish a work in 18 days. In how many days will B alone finish the same work?

(a) 72 days
(b) 60 days
(c) 66 days
(d) 70 days

Answer: (a)

6. Pramod scores an average of 60% in an examination consisting of 15 papers. He has scored only 40% average in five of them. What is the average scored in the remaining papers?

(a) 70%
(b) 80%
(c) 100%
(d) 65%

Answer: (a)

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

90,66,45,28,15,6,1

(a) 45
(b) 28
(c) 90
(d) 6

Answer: (c)

15. Complete the series choosing the missing number:

4,6,12,14,28,30,_____

(a) 32
(b) 60
(c) 62
(d) 64

Answer: (b)

16. What is the average of first 12 multiples of 15?

(a) 97.5
(b) 97
(c) 96
(d) 96.5

Answer: (a)

17. Out of 200 students in a school, 140 play cricket, 80 play tennis and 20 neither play cricket nor tennis. The percentage of students who play both is

(a) 5%
(b) 15%
(c) 10%
(d) 20%

Answer: (c)

18. If 35796 is coded as 44887, how will 46823 be coded as?

(a) 54914
(b) 57914
(c) 55914
(d) 55934

Answer: (c)

22. A shopkeeper gives 2 successive discounts of 15% & 10% on the marked price of an article, if the actual selling price is Rs. 15300 then calculate the list price?

(a) Rs. 40,000
(b) Rs. 30,000
(c) Rs. 20,000
(d) Rs.10,000

Answer: (c)

23. If ABCDEF is coded as ZYXWVU then what will be the code for APPLE?

(a) BQQMF
(b) OVVKZ
(c) ZKKOV
(d) KZZVO

Answer: (c)

24. A shopkeeper blends two varieties of tea costing Rs.18 & 13 per kg in ratio of 6:4.He sells the blended variety for Rs. 20per kg. What is profit in the transaction?

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

Answer: (b)

25. In how many ways can we select 4 digits from t set of digits 4,3,2,6 and 9?

(a) 5
(b) 4
(c) 12
(d) 24

Answer: (a)

30. Complete the series choosing the missing number:

4, 7, 11, 18, 29, 47, ____, 123, 199

(a) 85
(b) 76
(c) 69
(d) 81

Answer: (b)

Science and Simple Arithmetic

4. Carbohydrates, proteins, fats, vitamins and minerals are major components of food and these are called as

(a) Dependent food.
(b) Food mostly prepared by plants.
(c) The nutrients.
(d) The raw food materials.

Answer: (c)

5. The tiny openings in the leaves that allow them to breath is called_____

(a) Lenticels
(b) Stomata
(c) Chloroplasts
(d) Guard cells

Answer: (b)

9. If 5-25 * 2550 * 125 = 5x then x is _____

(a) 78
(b) 75
(c) 28
(d) 72

Answer: (a)

11. Which type of soil is best suited for Lotus plants?

(a) Loamy soil
(b) Clayey soil
(c) Normal soil
(d) Silt

Answer: (b)

12. The C.P of an article is 40% of the S.P. The percent that the S.P is of C.P is:

(a) 240
(b) 40
(c) 250
(d) 60

Answer: (c)

14. The pH of acid rain is

(a) 4
(b) 7
(c) 9
(d) 2

Answer: (a)

15. If the radius of a circle is 5 cm, the diameter is _____.
(a) 2.5 cm
(b) 5 cm
(c) 10 cm
(d) 7.5 cm
Answer: (c)

17. Echoes in sound waves are due to
(a) Refraction of waves
(b) Reflection
(c) Diffraction
(d) Interference
Answer: (b)

20. What is the 4R principle to be followed to make the environment plastic free ?
(a) Rethink, Retake, Refuse, Redo.
(b) Reduce, Reuse, Recycle, Recover.
(c) Remake, Recycle, Repair, Remove.
(d) Remould, Renew, Reinvent, Reuse.
Answer: (b)

21. Amarbel deprives the host of valuable nutrients. Hence it is called
(a) Autotroph
(b) Parasite
(c) Saprotroph
(d) Host
Answer: (b)

22. The perimeter of an equilateral triangle ABC with AB = BC = AC = 5 cm is given by _____.
(a) 25 cm
(b) 15 cm
(c) 10 cm
(d) 20 cm
Answer: (b)

28. Excessive use of chemical fertilizers makes the soil
(a) Basic
(b) Neutral
(c) Helps in the growth of the plants
(d) Acidic
Answer: (d)

30. E and F are points on the sides of PQ and PR respectively of a PQR. If EF || QR, PE = 4 cm, QE = 4.5 cm and PF = 8 cm. Find RF.

(a) 4.5 cm

(b) 4 cm

(c) 9 cm

(d) 8 cm

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 and Logical Knowledge

1	**(a)**	2	**(b)**	4	**(a)**	5	**(b)**	7	**(c)**	8	**(c)**
10	**(c)**	11	**(a)**	13	**(a)**	15	**(a)**	16	**(b)**	18	**(c)**
19	**(c)**	20	**(c)**	21	**(a)**	24	**(a)**	25	**(a)**	27	**(a)**
28	**(a)**	29	**(c)**	30	**(a)**	31	**(d)**	33	**(c)**	34	**(b)**
35	**(b)**	36	**(c)**	37	**(b)**	39	**(b)**	40	**(b)**		

Mental Ability and Mental Aptitude

2	**(c)**	4	**(a)**	6	**(a)**	8	**(c)**	15	**(b)**	16	**(a)**
17	**(c)**	18	**(c)**	22	**(c)**	23	**(c)**	24	**(b)**	25	**(a)**
30	**(b)**										

Science and Simple Arithmetic

4	**(c)**	5	**(b)**	9	**(a)**	11	**(b)**	12	**(c)**	14	**(a)**
15	**(c)**	17	**(b)**	20	**(b)**	21	**(b)**	22	**(b)**	28	**(d)**
30	**(c)**										