PREVIOUS YEAR PAPER

MP Police Constable 2016 — 19 July 2016, Shift 2

MP Police Constable · 19 July 2016 · 12:00 PM

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

Left out of the original paper: 38 (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 19 July 2016, 12:00 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-2016-19-jul-shift-2/

General and Logical Knowledge

1. Who invented the Gurumukhi script for the Punjabi language?
   (a) Guru Nanak
   (b) Guru Angad
   (c) Guru Amardas
   (d) Guru Ramdas
   Answer: (b)

2. Hargobind Khorana was awarded the Nobel Prize f_____ in 1968.
   (a) Medicine
   (b) Physics
   (c) Economics
   (d) Literature
   Answer: (a)

3. The 86th Constitutional amendment of which year created Article 21-A, that seeks to provide free and compulsory education to all children aged 6 to 14 years?
   (a) 2005
   (b) 2003
   (c) 2004
   (d) 2002
   Answer: (d)

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

Statements:

All cubes are cuboids

All cuboids are cylinders

Conclusions:

I. All cuboids are cubes

II. All cylinders are cuboids

(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: (d)

5. "Discovery of India" was written by

(a) J L Nehru
(b) B G Tilak
(c) Mahatma Gandhi
(d) BR Ambedkar

Answer: (a)

6. Chhindwara district of Madhya Pradesh is fa[illegible] for which of these Mela?

(a) Kumbh Mela
(b) Gotmar Mela
(c) Kartik Mela
(d) Kadam Mela

Answer: (b)

7. Fa Hien visited India under the reign of ____.

(a) Ashoka
(b) Samudragupta
(c) Chandragupta I
(d) Chandragupta Vikramaditya

Answer: (d)

8. Which Indian President's title was 'Giani'?

(a) S. Radhakrishnan
(b) Zail Singh
(c) Rajendra Prasad
(d) A.P.J. Abdul Kalam

Answer: (b)

9. Kopra , Vyama and Bearna are all tributaries of

(a) Chambal
(b) Betwa
(c) Ken
(d) Tapti

Answer: (c)

10. If cream cracker means computer programming, and it's programming, then it's not cream cracker.

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

Answer: (c)

12. Gangtok is the capital of_____.

(a) Sikkim
(b) Meghalaya
(c) Tripura
(d) Nagaland

Answer: (a)

13. V.V. Giri, F.A. Ahmed and Neelam Sanjiva Reddy were all ____

(a) Prime Ministers of India
(b) Presidents of India
(c) Chief Election Commissioners
(d) Governors of RBI

Answer: (b)

14. Who was the youngest woman to receive the Bharat Ratna?

(a) Lata Mangeshkar
(b) Nargis
(c) Kiran Bedi
(d) Indira Gandhi

Answer: (d)

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

Statements:

All coins are balls

All balls are bats

Conclusions:

I. All bats are coins

II. All balls are coins

(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: (d)

18. Puranic name for Amarkhantak is

(a) Vindhyaparvadham
(b) Riksha Parvat
(c) Himaparvat
(d) Shiwalik

Answer: (a)

20. How many times the consonants follow the vowels in the word 'UNCOMMUNICATIVE'?

(a) 2
(b) 4
(c) 6
(d) 8

Answer: (c)

22. Who was the first chief secretary of Madhya Pradesh

(a) R P Noronha
(b) H S Kamath
(c) M P Shrivastava
(d) B G Ghate

Answer: (b)

23. 'Simhastha Kumbh' is held once in every _____ years

(a) 10
(b) 11
(c) 09
(d) 12

Answer: (d)

24. Find out the pair which is different from the other in the following question.
    (a) Head and cap
    (b) Dhoti and chest
    (c) Hands and gloves
    (d) Feet and shoes
    Answer: (b)

25. In Madhya Pradesh, Manganese occurs in the districts of
    (a) Morena and Rewa
    (b) Bhalghat and Chhindwara
    (c) Durg and Baster
    (d) Ujjain and Kalumar
    Answer: (b)

26. Silent Valley National Park is located in _____.
    (a) Palakkad
    (b) Chennai
    (c) Madurai
    (d) Hyderabad
    Answer: (a)

27. I. There is a group of five persons A,B,C,D & E .

II. One of them a horticulturist, one is a physicist, o[illegible]s a journalist, one is an industrialist and one is an advocate.

III. Three of them A,C and Advocate prefer tea to coffee and two of them B and the journalist prefer coffee to tea .

IV. The industrialist, D and A are friends of one another but two of these prefer coffee to tea.

V. The horticulturist is C's brother.

Which of the following groups includes a person who likes coffee but NOT a journalist?
    (a) BD
    (b) AD
    (c) AB
    (d) DE
    Answer: (c)

28. Which of the following sectors is NOT prohibited for FDI in India?
    (a) Lottery
    (b) Nidhi
    (c) Chit fund
    (d) Defence Industry
    Answer: (d)

30. Which Indian Musician won the Academy Award for Best Sound Mixing?

(a) AR Rahman
(b) Resul Pookutty
(c) Gulzar
(d) Sonu Nigam

Answer: (b)

32. Directions: 5 persons are sitting in row. One of the two persons at the extreme ends is intelligent and other one is fat. A fat person is sitting to the right of a weak person. A tall person is to the left of the fat person. And the weak person is sitting between the intelligent and fat person

Tall person is at which place counting from right?

(a) First
(b) Second
(c) Third
(d) Fourth

Answer: (b)

34. If the following series is written in the reverse order, which number will be fourth to the right of the seventh number from the left?

7,3,9,7,0,3,8,4,6,2,1,0,5,11,13

(a) 0
(b) 5
(c) 9
(d) 11

Answer: (a)

35. Which one of the following is not a fundamental right in India?

(a) Right to freedom of religion
(b) Right to constitutional remedies
(c) Right to education
(d) Right to property

Answer: (d)

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

Statements:

No fruits are vegetables.

Some knights are not vegetables.

Conclusions:

I. Some knights are fruits.

II. All fruits are knights

(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: (d)

37. Which Business house in involved in the Vizhinjam International Deepwater Seaport Project in Kerala?

(a) Anil Dhirubhai Ambani Group
(b) Tata Group
(c) Bajaj Industries
(d) Adani Group

Answer: (d)

39. In the following question, there is certain relationship between the first two terms. Choose the fourth term from the following options which has a similar kind of relation with the third term.

BCD : FGH :: LMN : ?

(a) WXV
(b) PQR
(c) STV
(d) XWV

Answer: (b)

Mental Ability and Mental Aptitude

2. If the price of the product is increased by 20% and then decreased by 10%, the change in its price will be

(a) Increase by 8%
(b) Decrease by 8%
(c) No change
(d) None of these

Answer: (a)

4. If A:B = 1:2, B:C = 2:5, C:D = 1:6, then what is A: D?

(a) 5:6
(b) 30:5
(c) 1:30
(d) 6:7

Answer: (c)

5. A's salary is 60% of B's salary and B's salary is 75% of C's salary. What % of C's salary is A's salary?

(a) 40%
(b) 45%
(c) 50%
(d) 35%

Answer: (b)

8. If 'Cupboard' is encrypted as CXPBXXRD, how is 'Craft' encrypted as?

(a) CRAXT
(b) XRAFX
(c) CXART
(d) CRXFT

Answer: (d)

9. In a certain coded language, 931785 is the code fr TEADY and 12345 is the code for ENTRY. What is the code for SEDATE in the language?

(a) 725892
(b) 918731
(c) 948155
(d) 841591

Answer: (b)

10. Complete the series choosing the missing number:

0,2,3,5,8,10,_____,17,24

(a) 12
(b) 14
(c) 15
(d) 16

Answer: (c)

12. If the code for PHYSICS is QIZTJDT then what will be the code for CHEMISTRY?

(a) DIFNJTUSZ
(b) ZUSTNJFDI
(c) TUSZJNFID
(d) None of these

Answer: (a)

13. A cricketer has average of 56 for 10 innings. After 11th innings his average increases by 4 runs. How many runs did he score?

(a) 90
(b) 105
(c) 100
(d) 110

Answer: (c)

14. If 'STABILISE' is encrypted as 'UVCDKNUG'. How would 'CRICKET' be encrypted as?

(a) ETEFMUG
(b) ESLEMAV
(c) ETKATCR
(d) ETKFMGV

Answer: (d)

15. The LCM of 3p,6p and 9p is

(a) 19
(b) 19 p
(c) 18
(d) 18 p

Answer: (d)

17. A can do a work in 6 days and B can do the same ¼ days. Both of them finish the work together and get Rs. 300. What is the share of B?

(a) Rs. 120
(b) Rs. 150
(c) Rs. 180
(d) Rs. 200

Answer: (c)

18. In a class there are 15 boys and 10 girls. Two students are selected at random. What is the probability that both are girls?

(a) 1/5
(b) 3/20
(c) 1/4
(d) 1/10

Answer: (b)

19. By selling a used scooter for Rs. 2970, a man loses 10%, for getting profit of 20%,He should have sold scooter for what rate?

(a) Rs.3300
(b) Rs.3600
(c) Rs.3900
(d) Rs.3960

Answer: (d)

23. If Tom = 48 and Dick = 27, what is Harry equals to?
    (a) 50
    (b) 80
    (c) 70
    (d) 60
    Answer: (c)

24. A trader marks his goods at 40% above the cost price & allows a discount of 25%. What is his gain percent?
    (a) 5%
    (b) 6%
    (c) 7%
    (d) 8%
    Answer: (a)

26. Complete the series choosing the missing number:

17,19,23,29,37,_____
    (a) 40
    (b) 42
    (c) 45
    (d) 47
    Answer: (d)

28. Complete the series choosing the miss lette
    (a) aaba
    (b) aaab
    (c) baaa
    (d) abaa
    Answer: (a)

30. In the following question, one term in the number series is wrong. Find out the wrong term.
    (a) 92
    (b) 190
    (c) 382
    (d) 46
    Answer: (a)

Science and Simple Arithmetic

1. The scientist whose observations lead to the invention of pendulum clock is
   (a) Albert Einstein
   (b) Galileo Galilie
   (c) Marcony
   (d) Thomas Alva Edison
   Answer: (b)

3. Find two consecutive natural numbers whose product is 20.
   (a) 2 and 10
   (b) 4 and 5
   (c) -4 and -3
   (d) -4 and -5
   Answer: (b)

5. In Pitcher plant the part which is modified to trap insects are
   (a) Roots
   (b) Flowers
   (c) Leaves
   (d) stem
   Answer: (c)

7. Find the perimeter of a sector of angle 300 of a circ which has a radius of 21 cm.
   (a) 21 cm
   (b) 11 cm
   (c) 66 cm
   (d) 42 cm
   Answer: (b)

8. Whale often comes to the surface of water with their blow hole at the top of the head. Give reason
   (a) To experience the day light
   (b) To look for any food
   (c) To breathe
   (d) To blow out water through the hole
   Answer: (c)

9. The main source of energy in the environment
   (a) Hydel energy
   (b) Solar energy
   (c) Wind energy
   (d) Tidal energy
   Answer: (b)

11. Which, among the following, is not easily deformed on heating ?

(a) Polythene

(b) Polyvinylchloride (PVC)

(c) Thermoplastics

(d) Bakelite

Answer: (d)

15. An earth worm that is taken out from soil and kept in the open dies soon. Why?

(a) They cannot withstand light

(b) They respire with moist skin

(c) Heat kills them

(d) They can't feed in the open

Answer: (b)

17. The cost of a doll is a two digit number. Its selling price is the interchanged digits of the cost price. If the profit is divisible by 9, then the remainder is _____

(a) 2

(b) 0

(c) 1

(d) 3

Answer: (b)

20. When 4.0gm of a liquid fuel was completely burn e heat produced was measured as 160000 Kj. What is the calorific value of the fuel ?

(a) 20,000 Kj/ Kg

(b) 40,000 Kj/ Kg

(c) 160,000 Kj/ Kg

(d) 640,000 Kj/ Kg

Answer: (b)

22. A dealer marks his goods 20% above C.P. He then allows same discount on it and makes a profit of 8%. The rate of discount is:

(a) 6%

(b) 12%

(c) 5%

(d) 10%

Answer: (d)

24. A prism is used to disperse white light into its component colors. The color that always appear closer to the base of the prism is

(a) Orange

(b) Violet

(c) Red

(d) Depends on how the prism is placed

Answer: (b)

27. The potted plants kept in the dark do not show the presence of starch. The reason is
    (a) The plants die in the absence of light.
    (b) The plants cannot synthesize food
    (c) The plants cannot respire
    (d) The plants lose all starch

    Answer: (b)

29. Human ear can hear sounds of frequencies
    (a) Below 20 Hz
    (b) Between 20 Hz to 20000 Hz
    (c) Between 60 Hz to 13000 Hz
    (d) Above 20000Hz

    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 and Logical Knowledge

1	**(b)**	2	**(a)**	3	**(d)**	4	**(d)**	5	**(a)**	6	**(b)**
7	**(d)**	8	**(b)**	9	**(c)**	10	**(c)**	12	**(a)**	13	**(b)**
14	**(d)**	17	**(d)**	18	**(a)**	20	**(c)**	22	**(b)**	23	**(d)**
24	**(b)**	25	**(b)**	26	**(a)**	27	**(c)**	28	**(d)**	30	**(b)**
32	**(b)**	34	**(a)**	35	**(d)**	36	**(d)**	37	**(d)**	39	**(b)**

Mental Ability and Mental Aptitude

2	**(a)**	4	**(c)**	5	**(b)**	8	**(d)**	9	**(b)**	10	**(c)**
12	**(a)**	13	**(c)**	14	**(d)**	15	**(d)**	17	**(c)**	18	**(b)**
19	**(d)**	23	**(c)**	24	**(a)**	26	**(d)**	28	**(a)**	30	**(a)**

Science and Simple Arithmetic

1	**(b)**	3	**(b)**	5	**(c)**	7	**(b)**	8	**(c)**	9	**(b)**
11	**(d)**	15	**(b)**	17	**(b)**	20	**(b)**	22	**(d)**	24	**(b)**
27	**(b)**	29	**(b)**								