PREVIOUS YEAR PAPER

MP Police Constable 2016 — 24 July 2016, Shift 1

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

Left out of the original paper: 47 (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 24 July 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-2016-24-jul-shift-1/

General and Logical Knowledge

2. Drupad Samaroh is held in

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

Answer: (d)

3. Name the Indian Political leader who served two tir as acting Prime Minister of India-

(a) Gulzari Lal Nanda
(b) Lal Bahadur Shastri
(c) N.Sanjiva Reddy
(d) G.S. Pathak

Answer: (a)

5. Which of the following represent the three female members of the family?

(a) PTQ
(b) TRQ
(c) VTQ
(d) Data inadequate

Answer: (d)

7. In the following question, four words are given, out of which three are same in certain way and the remaining one is different. Find out the different one.

(a) Mango
(b) Lemon
(c) Pear
(d) Orange

Answer: (b)

9. The most important sculpture in _____ caves is the Trimurti sculpture, depicting Brahma, Vishnu and Shiva.

(a) Elephanta caves
(b) Ellora caves
(c) Ajanta caves
(d) Aurangabad caves

Answer: (a)

11. Which one the following served as the Original shooting reserve for the Maharaja of Gwalior?

(a) Bandhavgarh Sanctuary
(b) Bandipur Sanctuary
(c) Mahadev Sanctuary
(d) Panna Reserve

Answer: (c)

12. Raj wants to become a member of a club. The various membership options are as follow: A - Initial payment: Rs. 10000, annual fee: Rs. 1000

B - Initial payment: Rs. 5000, Monthly fee: Rs. 100

C - Life time membership fee: Rs. 20000 (Includes membership for all family members) If Raj and his wife both want to become members of the club for next 5 years. Which plan should they opt for?

(a) A
(b) B
(c) C
(d) Either B or C

Answer: (b)

14. The Companies Act _____, has replaced the Companies Act, 1956 in a partial manner.

(a) 2014
(b) 2010
(c) 2013
(d) 2012

Answer: (c)

15. Among five friends, Mohan is older than Raju but not as old as Lalit. Lalit is older than Neelesh and Kabir. Neelesh is younger than Raju but not the youngest. Who is the youth in the descending order of age?

(a) Mohan
(b) Raju
(c) None of these
(d) Can't be determined

Answer: (c)

16. Who was the founder of the Indore Gharana of Hindustani Classical Music?
(a) Amir Khan
(b) Shahmir Khan
(c) Bashir Khan
(d) Aman Ali Khan
Answer: (a)

18. Which State is at the most eastern part of India?
(a) Assam
(b) Arunachal Pradesh
(c) Nagaland
(d) Manipur
Answer: (b)

20. Dalal Street is in _____.
(a) London
(b) Paris
(c) Mumbai
(d) New Delhi
Answer: (c)

22. This artist is a famous singer of carnatic music.
(a) Uday Bhawalkar
(b) M S Subbalakshmi
(c) Pandit Jasraj
(d) Naina Devi
Answer: (b)

23. Roopmati's Pavilion is located in___.
(a) Raneh
(b) Rajnagar
(c) Deogarh
(d) Mandu
Answer: (d)

25. Anitha, Mahima, Rajan, Latha and Deepti are five cousins. Anitha is twice as old as Mahima. Rajan is half the age of Mahima. Anitha is half the age of Deepti and Rajan is twice the age of Latha.

Anitha is younger than
(a) Rajan
(b) Mahima
(c) Deepti
(d) None of these
Answer: (c)

26. Satyarth Prakash was written by
    (a) Dayananda Saraswati
    (b) Gopal Krishna Gokhale
    (c) Vivekananda
    (d) Annie Beasant
    Answer: (a)

28. Who received the 50th Jnanpith award?
    (a) Ashok Vajpeyi
    (b) Bhalchandra Nemade
    (c) Raghuveer Chaudhari
    (d) Dharikshan Mishra
    Answer: (b)

29. Who constructed Harminder Sahib?
    (a) Guru Nanak
    (b) Guru Ramdas
    (c) Guru Amardas
    (d) Guru Arjun Dev
    Answer: (d)

30. Who was the first vocalist to have been conferred e Bharat Ratna?
    (a) Lata Mangeshkar
    (b) Pt. Bhimsen Joshi
    (c) Bismillah Khan
    (d) MS Subbulakshmi
    Answer: (d)

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

Statements:

Some people are clever

Some clever are fools

Conclusions:

I. Some people are fools

II. All fools are clever
    (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)

34. What is the meaning of the name “Vikramaditya”?
(a) Sun of Prowess
(b) One who is unbeatable
(c) Son of the Sun god
(d) Gift of gods
Answer: (a)

35. Who is the first Indian to receive a Nobel prize?
(a) Kailash Satyarthi
(b) Venkatraman Ramakrishnan
(c) Dr. S. Chandrashekhar
(d) Rabindranath Tagore
Answer: (d)

36. A man told a woman, 'Your mother's husband's sister is my paternal aunt.' How is the woman related to him?
(a) Aunt
(b) Mother
(c) Sister
(d) Grandmother
Answer: (c)

37. If laptop implies a cheerful day, but it's lousy toda hen it's not laptop.
(a) True
(b) False
(c) Maybe
(d) Irrelevant
Answer: (a)

Mental Ability and Mental Aptitude

1. If ENTRY is coded as 54367 and SAFE is coded as 9165, then how can FATE be coded?
(a) 9135
(b) 7135
(c) 6135
(d) 4135
Answer: (c)

3. In a certain code language, ib ein eip means These great actors, ein tab kil means These fine songs, and eip kil lot means Her great songs. Which is the word for actors in that code language?
(a) ib
(b) ein
(c) eip
(d) kil
Answer: (a)

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

3,9,27,81,249

(a) 9
(b) 81
(c) 27
(d) 249

Answer: (d)

5. The average of 86, 90, 45, 69 and x is 73. Find the value of x?

(a) 70
(b) 74
(c) 75
(d) 78

Answer: (c)

7. Complete the series choosing the missing number:

80,73,66,_____,52

(a) 55
(b) 59
(c) 60
(d) 58

Answer: (b)

8. A, B and C enter into a partnership business ding Rs.1800, Rs.1500 and Rs.1200 respectively. If the total profit is Rs.500 then the profit share of A is

(a) 200
(b) 300
(c) 500
(d) 400

Answer: (a)

9. What is the selling price of a dozen of banana, if the cost price of each banana is Rs. 1.20 & the profit on selling 30 bananas is Rs. 5.40?

(a) Rs. 16.56
(b) Rs. 17.56
(c) Rs. 18.56
(d) Rs. 19.56

Answer: (a)

10. If 75% of a number is added to 75, then the result is the number itself. The number is

(a) 250
(b) 280
(c) 300
(d) 350

Answer: (c)

13. Selling price of an article is Rs. 7800, and this gives the seller a profit of Rs. 450.75. Find cost price?

(a) Rs. 7349.25
(b) Rs. 8349.25
(c) Rs. 6349.25
(d) Rs. 5349.25

Answer: (a)

14. 60% of 240 is same as

(a) 20% of 900
(b) 80% of 160
(c) 70% of 200
(d) None of these

Answer: (d)

19. Complete the series choosing the missing numbe

1,3,5,_____,9,11,

(a) 6
(b) 7
(c) 8
(d) None of these

Answer: (b)

20. n-2+4n=3n+7+n, the value of n is

(a) 8
(b) 9
(c) 7
(d) 5

Answer: (b)

23. The below series uses a sequence of alphabets and numbers. Identify the incorrect combination.

(i) QO93765985H7

(ii) QO98765985H7

(iii) QO98765985H7

(iv) QO98765985H7

(a) i
(b) ii
(c) iii
(d) iv

Answer: (a)

27. If MYSORE is coded as OREMYS, how is CRADLE coded?

(a) ELDARC
(b) DLECRA
(c) CRAELD
(d) ARCDLE

Answer: (b)

29. A can do a job in 10 days and B can do the same j days with the help of 'C', they did the job in 4 days. Then in how many days C can alone do the j

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

Answer: (a)

Science and Simple Arithmetic

1. Metals with low melting point are used for making

(a) Switches
(b) Fuses
(c) Wires
(d) Battery

Answer: (b)

4. ABCD is a parallelogram with AB=BC=CD=AD=9cm. Find the perimeter of the parallelogram

(a) 3.6 m
(b) 81 cm
(c) 0.81 m
(d) 36 cm

Answer: (d)

12. Seas and oceans are full of water on earth. However, a very small percentage of water present on the earth is available for us. This percentage roughly is,

(a) 0.006%
(b) 0.06%
(c) 0.6%
(d) 6%

Answer: (a)

13. A, B, C hired a car for Rs. 520 and used it for 7, 8 and 11 hours, respectively. The hiring charges paid by B is:

(a) Rs. 140
(b) Rs. 180
(c) Rs. 220
(d) Rs. 160

Answer: (d)

14. PQ is a chord of length 8 cm of a circle of radius 5 cm. A perpendicular OR is drawn to PQ from the centre of the circle O which meets PQ at R. Find the length of OR.

(a) 4 cm
(b) 5 cm
(c) 3 cm
(d) 20

Answer: (c)

15. Cholera, typhoid, jaundice are classic e[illegible] disease spread through

(a) A. Polluted water
(b) B. Polluted air
(c) C. Polluted food
(d) D. Both A and B

Answer: (a)

16. What is referred to as 'Black Gold'

(a) coal
(b) petroleum
(c) Both A and B
(d) graphite

Answer: (b)

20. A person takes a loan of Rs. 200 at 5% Simple Interest. He returns Rs. 100 at the end of 1 year. In order to clear his dues at the end of 2 years, he would pay:

(a) Rs. 115
(b) Rs. 100
(c) Rs. 116
(d) Rs. 110

Answer: (a)

22. During electrolysis of water, the gas bubbles formed at the cathode is that of
    (a) hydrogen
    (b) oxygen
    (c) nitrogen
    (d) carbon dioxide

    Answer: (a)

25. The only prime number between 90 and 100 is _____
    (a) 91
    (b) 93
    (c) 97
    (d) 99

    Answer: (c)

26. Some ponds have a green cover over them. This is due to growth of
    (a) Dinoflagellates
    (b) Algae
    (c) Bacteria
    (d) Fungus

    Answer: (b)

27. The value of P in the following is _____
    (a) 6
    (b) 3
    (c) 4
    (d) 2

    Answer: (c)

28. Each sperm has a head, middle piece and tail. What is the purpose of the tail?
    (a) To move and reach the egg
    (b) To fight with the other sperms
    (c) To hold, to prevent falling
    (d) To catch hold of the egg

    Answer: (a)

30. In solids, generally heat is transferred by the process of
    (a) Convection
    (b) Radiation
    (c) Conduction
    (d) Reflection

    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

2	**(d)**	3	**(a)**	5	**(d)**	7	**(b)**	9	**(a)**	11	**(c)**
12	**(b)**	14	**(c)**	15	**(c)**	16	**(a)**	18	**(b)**	20	**(c)**
22	**(b)**	23	**(d)**	25	**(c)**	26	**(a)**	28	**(b)**	29	**(d)**
30	**(d)**	32	**(d)**	34	**(a)**	35	**(d)**	36	**(c)**	37	**(a)**

Mental Ability and Mental Aptitude

1	**(c)**	3	**(a)**	4	**(d)**	5	**(c)**	7	**(b)**	8	**(a)**
9	**(a)**	10	**(c)**	13	**(a)**	14	**(d)**	19	**(b)**	20	**(b)**
23	**(a)**	27	**(b)**	29	**(a)**						

Science and Simple Arithmetic

1	**(b)**	4	**(d)**	12	**(a)**	13	**(d)**	14	**(c)**	15	**(a)**
16	**(b)**	20	**(a)**	22	**(a)**	25	**(c)**	26	**(b)**	27	**(c)**
28	**(a)**	30	**(c)**								