PREVIOUS YEAR PAPER

MP Police Constable 2016 — 30 July 2016, Shift 2

MP Police Constable · 30 July 2016 · 12:00 PM

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

Left out of the original paper: 52 (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 30 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-2016-30-jul-shift-2/

General and Logical Knowledge

2. Find out the pair which is different from the other in the following question.

(a) Water and Bucket

(b) Ink and Inkpot

(c) Oil and lamp

(d) Pen and nib

Answer: (d)

3. A manufacturer has 3 products in his portfolio- A, B and C. They are manufactured in batches, as the cost of changing from one product to another is quite high. A can be produced at a rate of 1000 units per month, B at a rate of 800 per month and C at 700 per month. Once a product is taken up for manufacturing it will be continued for at least 2 months and a product is manufactured only once (one batch) in a year. At a time only one product can be manufactured. Products have to be manufactured before their respective demand season starts. Product A demand always happens between January and May, B between April and September and C between August and January.

How much demand of A in the next year can be satisfied if production for C is over in August and a two month shut down of plant is suggested for maintenance?

(a) 1000

(b) 1500

(c) 2000

(d) 2500

Answer: (c)

4. A, B, C, D, E and F are cousins, No two cousins are of the same age, but all have birthdays on the same date. The youngest is 17 years old and the oldest E is 22. F is somewhere between B and D in age. A is older than B. C is older than D.

Which of the following must be true if exactly two of the cousins are between C and F in age?

(a) A is between F & D in age
(b) B is 17 years old
(c) B is younger than D
(d) F is 18 years old

Answer: (d)

5. Chanakya was an advisor to which famous king?

(a) Chandragupta Maurya
(b) Akbar
(c) Ashoka
(d) Rajendra Chola

Answer: (a)

6. If nuclear weapon means hallucinations, and it's a nuclear weapon, then it's hallucinating.

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

Answer: (a)

7. The river Son is in the

(a) Chambal Basin
(b) Narmada Basin
(c) Ganga Basin
(d) Yamuna Basin

Answer: (c)

10. Humayun's son was

(a) Akbar
(b) Babur
(c) Ajathashatru
(d) Qutub-ud-din Aibak

Answer: (a)

11. In cricket, the two sets of wicket are

(a) 18 yards apart
(b) 20 yards apart
(c) 22 yards apart
(d) 24 yards apart

Answer: (c)

12. Who founded the Mahatma Gandhi Kashi Vidyapith?
(a) Madan Mohan Malaviya
(b) Acharya Kriplani
(c) GB Pant
(d) Bhagwan Das
Answer: (d)

13. Who was the first Afghan ruler of Delhi?
(a) Buhlul Lodi
(b) Ibhrahim Lodi
(c) Babur
(d) Sikander Lodi
Answer: (a)

15. The term "Pommel Horse" is used in the game of _____.
(a) Tennis
(b) Football
(c) Gymnastics
(d) Cricket
Answer: (c)

18. Which of the following is a tributary of river Godav[illegible]?
(a) Chambal
(b) Wainganga
(c) Betwa
(d) Ken
Answer: (b)

19. Who appoints the Attorney-General of India?
(a) Chief Justice of India
(b) Union Law Minister
(c) Prime Minister
(d) President
Answer: (d)

21. Which branch in Archaeological Survey of India carries out research in Sanskrit and other Dravidian inscriptions?
(a) Lexicography branch
(b) Epigraphy branch
(c) Mythography branch
(d) Historiography branch
Answer: (b)

23. The Chairman of the Rajya Sabha is the
    (a) President of India
    (b) Vice President of India
    (c) Prime Minister of India
    (d) Speaker of the Lok Sabha
    Answer: (b)

24. Which State is the largest exporter of Basmati rice in India?
    (a) Delhi
    (b) Madhya Pradesh
    (c) Haryana
    (d) Bihar
    Answer: (c)

25. Who was awarded the title 'Mightiest Prophet of Nationalism'
    (a) Bhagat Singh
    (b) Chandrashekar Azad
    (c) Bipin Chandra Pal
    (d) Subhas Chandra Bhose
    Answer: (c)

26. Which is the only surviving temple of the Sun god Khajuraho?
    (a) Jagadambi Temple
    (b) Chandragupta Temple
    (c) Viswanath Temple
    (d) Nandi Temple
    Answer: (b)

27. Which dam is to be constructed at village Panchpula of district Badwani, Madhya Pradesh across one of the tributaries of the Narmada?
    (a) Goi Dam
    (b) Maheshwar Dam
    (c) Kolar Dam
    (d) Jobat Dam
    Answer: (a)

28. 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.

ADE : FGJ :: KNO : ?
    (a) PQR
    (b) TPR
    (c) PQT
    (d) RQP
    Answer: (c)

29. Pandit Kumar Gandharva Samaroh is held in_____.
    (a) Indore
    (b) Maheshwar
    (c) Dhar
    (d) Dewas
    Answer: (d)

31. In 1906, what was first sung at the United Bengal Home in Gujarat?
    (a) Vande Mataram
    (b) Jana Gana Mana
    (c) Hum Honge Kamyaaab
    (d) Bhagavad Gita
    Answer: (a)

34. How many times 'S' exceeds 'R' in the word 'TRANSGRESSION'?
    (a) 1
    (b) 2
    (c) 3
    (d) 4
    Answer: (a)

35. How many times has the Commonwealth Games b n held in India?
    (a) 2
    (b) 1
    (c) 3
    (d) 5
    Answer: (b)

39. _____ line is the boundary demarcation line between India and China.
    (a) Radcliffe
    (b) Durand
    (c) Red
    (d) McMahon
    Answer: (d)

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

Statements:

No candy is chocolate

No chocolate is sweet

Conclusions:

I. All candies are sweet

II. No sweet is chocolate

(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)

Mental Ability and Mental Aptitude

2. Anand brought a Maruti car for Rs.1,75000. He spent Rs.10,000 on car accessories & fittings. If he sold the car for Rs.1,95000. How much profit did he ea in Rupees?

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

Answer: (c)

3. The difference of two numbers is 74 and the numbers are in the ratio 3:4. What is the second number?

(a) 186
(b) 296
(c) 216
(d) None

Answer: (b)

10. If x% of x is 25, then 'x' is equal to

(a) 60
(b) 50
(c) 40
(d) 100

Answer: (b)

15. In a certain code language, players wear shoes means bin tin rin, ladies wear bangles means sin cin tin, bangles of gold means nun sin ton. Which is the word for ladies in that code language?

(a) nun
(b) cin
(c) sin
(d) tin

Answer: (b)

19. The average of first 50 natural numbers is?

(a) 24.5
(b) 23.5
(c) 25.5
(d) 27.5

Answer: (c)

20. If MOZART is coded as NNAZSS then KATHAMANDU is coded as

(a) LZUGBNBMET
(b) LZVGBLBMET
(c) LZUGBLBMET
(d) LZUIBLBMET

Answer: (c)

21. In a certain code, 35791 is written as 44880 how 24685 coded?

(a) 33766
(b) 33786
(c) 33776
(d) 44776

Answer: (c)

22. Complete the series choosing the missing number:

1,8,27,64,_____

(a) 125
(b) 120
(c) 130
(d) 135

Answer: (a)

27. Complete the series choosing the missing number:

12,32,_____,152,312

(a) 70
(b) 72
(c) 75
(d) 74

Answer: (b)

28. A shopkeeper brought 6 tons of wheat at Rs. 1.80 per kg & sold 4.7 tons out of it at rate of Rs. 2 per kg. How much profit will he get if he sells the remaining quantity at Rs. 2.50 per kg?

(a) Rs. 940
(b) Rs.2600
(c) Rs.1600
(d) Rs.1850

Answer: (d)

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

(i) NO090123G36

(ii) NO090123G36

(iii) NO098123G36

(iv) NO090123G36

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

Answer: (c)

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

(a) 9
(b) 49
(c) 80
(d) 1

Answer: (c)

Science and Simple Arithmetic

10. Microscope was invented by

(a) Robert Koch

(b) Anton Van Leeuwenhoek

(c) Alexander Fleming

(d) Robert Hooke

Answer: (b)

15. If tangents PA and PB from a point P to a circle with centre O are inclined to each other at angle of 800, then POA = _____.

(a) 500

(b) 1000

(c) 800

(d) 400

Answer: (a)

16. `Soil erosion' What does it mean in agriculture?

(a) Wasting of soil due to land sliding

(b) Washing away of soil to make shallow ponds

(c) Washing away of the top fertile soil

(d) Formation of water channels due to the overflowing water

Answer: (c)

21. Which of the following statement is true regardin atural gas?

(a) Easy to transport

(b) Difficult to store

(c) Cannot be used in power generation

(d) Not a clean fuel

Answer: (a)

23. The largest cell measuring 170mmx130mm is the

(a) Peacock egg

(b) Swan egg

(c) Ostrich egg

(d) All the above

Answer: (c)

24. Geetha and Mamatha are partners in a business.Geetha invests Rs.35000 for 8 months and Mamatha invests Rs. 42000 for 10 months.Out of a profit of Rs.31570, Geetha's share is:

(a) Rs. 9471

(b) Rs. 18040

(c) Rs. 18942

(d) Rs. 12628

Answer: (d)

26. All hot bodies_____ heat.
    (a) Radiate
    (b) Absorb
    (c) Gain
    (d) Reflect

    Answer: (a)

28. ABCD is a rectangle with AB = 16 m and BC = 240 cm. Find the perimeter of the rectangle
    (a) 256 cm
    (b) 512 cm
    (c) 36.8 m
    (d) 3.68 m

    Answer: (c)

29. The device used to check whether a particular material allows current to pass through is called
    (a) electrometer
    (b) galvanometer
    (c) tester
    (d) switch

    Answer: (c)

30. Rajesh buys an article with 25% discount on its m ed price. He makes a profit of 10% by selling it at Rs. 660. The marked price is:
    (a) Rs. 850
    (b) Rs. 685
    (c) Rs. 700
    (d) Rs. 800

    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 and Logical Knowledge

2	**(d)**	3	**(c)**	4	**(d)**	5	**(a)**	6	**(a)**	7	**(c)**
10	**(a)**	11	**(c)**	12	**(d)**	13	**(a)**	15	**(c)**	18	**(b)**
19	**(d)**	21	**(b)**	23	**(b)**	24	**(c)**	25	**(c)**	26	**(b)**
27	**(a)**	28	**(c)**	29	**(d)**	31	**(a)**	34	**(a)**	35	**(b)**
39	**(d)**	40	**(d)**								

Mental Ability and Mental Aptitude

2	**(c)**	3	**(b)**	10	**(b)**	15	**(b)**	19	**(c)**	20	**(c)**
21	**(c)**	22	**(a)**	27	**(b)**	28	**(d)**	29	**(c)**	30	**(c)**

Science and Simple Arithmetic

10	**(b)**	15	**(a)**	16	**(c)**	21	**(a)**	23	**(c)**	24	**(d)**
26	**(a)**	28	**(c)**	29	**(c)**	30	**(d)**				