PREVIOUS YEAR PAPER

MP Police Constable 2016 — 1 August 2016, Shift 2

MP Police Constable · 1 August 2016 · 12:00 PM

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

Left out of the original paper: 51 (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 1 August 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-2016-1-aug-shift-2/

General and Logical Knowledge

1. 'Playing It My Way' is the autobiography of _____.
   (a) Sachin Tendulkar
   (b) Sania Mirza
   (c) Saina Nehwal
   (d) Mary Kom
   Answer: (a)

2. The capitals of the cholas was
   (a) Pataliputra
   (b) Ujjain
   (c) Tanjore
   (d) Varansi
   Answer: (c)

3. Who founded the famous Mughal dynasty in India?
   (a) Babar
   (b) Humayun
   (c) Akbar
   (d) None of them
   Answer: (a)

4. Which Mughal emperor built the Nishan Garden in Srinagar?
   (a) Shah Alam
   (b) Jehangir
   (c) Aurangzeb
   (d) Humayun
   Answer: (b)

5. Who was known as 'The Lion of Punjab'
   (a) Bipin Chandra pal
   (b) Maulana Azad
   (c) Lala Rajpat Rai
   (d) Lala Hardayal
   Answer: (c)

6. Which one of these is not a tributary of Ganga?
   (a) Yamuna
   (b) Ramganga
   (c) Kosi
   (d) Ravi
   Answer: (d)

7. Which of the following is the largest of the western group of temples in the Khajuraho complex?
   (a) Parsvanatha Temple
   (b) Kandariya Mahadeva Temple
   (c) Chaturbhuja Temple
   (d) Brahma Temple
   Answer: (b)

8. Jain Temples on Hill No. 1 to No. 58 is located in __
   (a) Khajuraho
   (b) Khargone
   (c) Kundalpur
   (d) Bhanpura
   Answer: (c)

9. India is the _____ largest country in the world by area and ranks ___ in population.
   (a) Seventh, Third
   (b) Third, Second
   (c) Third, Third
   (d) Seventh, Second
   Answer: (d)

10. Who is the CEO of Tata industries?
   (a) Jamshedji Tata
   (b) JRD Tata
   (c) Ratan Tata
   (d) Cyrus Mistry
   Answer: (d)

11. The nationalisation of the 14 major commercial banks took place in ____.
(a) 1947
(b) 1956
(c) 1969
(d) 1980
Answer: (c)

13. Mention the two states situated to the south of Madhya Pradesh?
(a) Chhattisgarh and Orissa
(b) Rajasthan and Uttar Pradesh
(c) Maharashtra and Andhra Pradesh
(d) Chhattisgarh and Jharkhand
Answer: (c)

14. What is the game reserve of the Maharaja of Rewa converted into now?
(a) Bandipur Sanctuary
(b) Mahadev Sanctuary
(c) Bandhavgarh Sanctuary
(d) Panna Reserve
Answer: (c)

16. Who is the Commander-in-Chief of the Indian Air F ce?
(a) Chief of the Air Staff
(b) Air Chief Marshall
(c) The President
(d) The Prime Minister
Answer: (c)

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

Statements:

All buckets are plastic

Some buckets are rubber

Conclusions:

I. Some plastic are rubber

II. Some rubber are plastic
(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: (c)

19. National AIDS Research Institute is located at ___.

(a) Chennai

(b) Pune

(c) Hyderabad

(d) Bengaluru

Answer: (b)

20. City Fruits orders Apples from Himachal Pradesh. The transportation cost of apples is Rs.200 per kg and cost of storing them in a cold storage is Rs.100 per Kg. Right now there are 100 Kgs of apples in the storage. City Fruits plans to place an order.

If the demand for apple in the next month is perceived to be 500 kg, how much apples should City Fruit order?

(a) 500 kg

(b) 400 kg

(c) 200 kg

(d) 100 kg

Answer: (b)

21. Which of the following mountaineers from Madhya Pradesh has scaled the Mount Everest in 2016?

(a) Bhagwan Singh Kushwah

(b) Amitesh Srivastava

(c) Manish Keer

(d) Pragati Dubey

Answer: (a)

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

Statements:

All covers are envelopes

All cards are envelops

Conclusions:

I. Some cards are covers

II. No card is cover

(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)

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

GRASS : GREEN : : SKY : ?

(a) HIGH
(b) STARS
(c) BLUE
(d) CLOUDY

Answer: (c)

31. Find out the number of days from 15th Jan to 28th Jan of an year (both days inclusive)

(a) 14 days
(b) 13 days
(c) 12 days
(d) 15 days

Answer: (a)

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

Statements:

Some parathas are roties.

No roties are buns.

Conclusions:

I. All roties are parathas.

II. Not all roties are parathas.

(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)

36. In the following question, some group of letters is given, all of which, except one, share a common similarity while one is different. Choose the odd one out.

(a) BD
(b) HK
(c) MP
(d) NQ

Answer: (a)

38. Find the word that represents the category of the following three words.

Sword, Gun, Pistol

(a) Arms
(b) Constable
(c) Bullet
(d) War

Answer: (a)

Mental Ability and Mental Aptitude

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

0,2,3,6,9,18,27,54

(a) 0
(b) 18
(c) 54
(d) 6

Answer: (a)

6. If AMITABH is coded as BNJUBCI then DHARMENDRA is coded as

(a) EIBSOGPESB
(b) EIBSNFOESB
(c) EIBTOGPEST
(d) EJBSNFOESB

Answer: (b)

7. Complete the series choosing the missing number:

1,3,3,6,7,9,___,12,21

(a) 10
(b) 11
(c) 12
(d) 13

Answer: (d)

8. Complete the series choosing the missing number:

2, 3, 6, 11, 18, _____

(a) 23
(b) 20
(c) 27
(d) 29

Answer: (c)

10. If ABCDEF is coded as ZYXWVU then what will be the code for TOMATO?

(a) LGNLNG
(b) NLGLGZ
(c) ZGLNLG
(d) GLNZGL

Answer: (d)

12. The sum of two numbers is 20 and the difference is 5. What is the value of the larger number of the two?

(a) 12.5
(b) 15
(c) 12
(d) 10

Answer: (a)

14. The sum of two numbers is 10 and their ratio is 2:3. What are the numbers?

(a) 6,4
(b) 5,5
(c) 8,2
(d) 9,1

Answer: (a)

15. What is the average of all the numbers between [illegible] and 400 multiples of 16?

(a) 352
(b) 354
(c) 356
(d) 358

Answer: (a)

16. Two trains 100 meters and 120 meters long are running in he same direction with speed of 64 km / hr and 52 km/hr. In how much time will the first train crosses the second train?

(a) 44 sec
(b) 55 sec
(c) 60 sec
(d) 66 sec

Answer: (d)

17. A can do a certain job in 16 days. B is 60% more efficient than A. How many days does 'B' alone take to do the same job?

(a) 6 days
(b) 8 days
(c) 10 days
(d) 12 days

Answer: (c)

21. The LCM of 2a+6,+3a is

(a) 2a(a+3)

(b) 1

(c) 4a(a+3)

(d) 0

Answer: (a)

26. A man sells a car to his friend at the loss of 10%. Who again sells it for Rs. 54000 making a profit of 20%. What was the initial value of the car?

(a) Rs.25000

(b) Rs.37500

(c) Rs.50000

(d) Rs.60000

Answer: (c)

28. There are 520 inmates in an orphanage. Find the number of girls if they form 30% of the boys.

(a) 156

(b) 120

(c) 40

(d) 400

Answer: (b)

30. In how many ways can 4 books be selected out of 10 books?

(a) 420

(b) 105

(c) 210

(d) 315

Answer: (c)

Science and Simple Arithmetic

2. If the surface area of a cube is 1734 square meter, then its volume is _____.

(a) 2197 cubic meter

(b) 4913 cubic meter

(c) 2744 cubic meter

(d) 4096 cubic meter

Answer: (b)

3. Which one of the following is not a secondary sexual character in male?

(a) Growth of facial hair

(b) Voice becoming hoarse

(c) Hair growth on chest

(d) Increasing height

Answer: (d)

4. The most common type of silk is

(a) Mulberry silk

(b) Tassar silk

(c) Mooga silk

(d) Moth silk

Answer: (d)

6. The perimeter of a circle with radius 35 cm is _____.

(a) 220 cm

(b) 110 cm

(c) 3850 cm

(d) 440 cm

Answer: (a)

8. The value of (-1

(a) -1024

(b) -1026

(c) -1042

(d) -1062

Answer: (a)

10. The unit's digit of the number 358 is _____

(a) 1

(b) 3

(c) 7

(d) 9

Answer: (d)

13. A vertical pole of length 6 m casts a shadow 4 m long on the ground and at the same time a tower casts a shadow 28 m long. Find the height of the tower.

(a) 21 m

(b) 28 m

(c) 16 m

(d) 42 m

Answer: (d)

21. Convex lenses are

(a) Thinner at both edge and in the middle

(b) Thicker in the middle and at the edge

(c) Thicker in the middle and thinner at the edge

(d) Uniform through out

Answer: (c)

23. Kharif Crops are sown during
    (a) June to September
    (b) September to October
    (c) October to December
    (d) March to April

    Answer: (a)

24. Which of the following statements is NOT true about radiation of heat?
    (a) It does not need a medium
    (b) Sun’s heat reaches the Earth by radiation
    (c) Sea and land breeze are caused by radiation of heat.
    (d) All hot bodies radiate heat

    Answer: (c)

26. A man sold two houses for Rs. 675960. On one he gains 15% while on the other he loses 15%. How does he gain or lose in the whole transaction?
    (a) 2.56%
    (b) 2.25%
    (c) 2.65%
    (d) 2.75%

    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	**(a)**	2	**(c)**	3	**(a)**	4	**(b)**	5	**(c)**	6	**(d)**
7	**(b)**	8	**(c)**	9	**(d)**	10	**(d)**	11	**(c)**	13	**(c)**
14	**(c)**	16	**(c)**	17	**(c)**	19	**(b)**	20	**(b)**	21	**(a)**
27	**(d)**	28	**(c)**	31	**(a)**	34	**(b)**	36	**(a)**	38	**(a)**

Mental Ability and Mental Aptitude

4	**(a)**	6	**(b)**	7	**(d)**	8	**(c)**	10	**(d)**	12	**(a)**
14	**(a)**	15	**(a)**	16	**(d)**	17	**(c)**	21	**(a)**	26	**(c)**
28	**(b)**	30	**(c)**								

Science and Simple Arithmetic

2	**(b)**	3	**(d)**	4	**(d)**	6	**(a)**	8	**(a)**	10	**(d)**
13	**(d)**	21	**(c)**	23	**(a)**	24	**(c)**	26	**(b)**		