PREVIOUS YEAR PAPER

MP Police Constable 2016 — 8 August 2016, Shift 2

MP Police Constable · 8 August 2016 · 12:00 PM

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

Left out of the original paper: 46 (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 8 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-2016-8-aug-shift-2/

General and Logical Knowledge

2. If P+Q means P is the brother of Q and Q+R means Q is the father of R, how is P related to R?
   (a) P is the grandfather of R
   (b) P is the uncle of R
   (c) P is brother of R
   (d) P is the cousin of R
   Answer: (b)

4. ‘Carpenter’ is related to ‘furniture’ in the same way cobbler’ is related to
   (a) Shoe
   (b) Socks
   (c) Footwear
   (d) Leather
   Answer: (c)

5. The Governor is appointed by
   (a) Prime Minister
   (b) The President
   (c) Law Minister
   (d) Chief Minister
   Answer: (b)

6. Who established the Vikramashila University?
   (a) King Ashoka
   (b) King Ramapala
   (c) King Dharmapala
   (d) Bindusara
   Answer: (c)

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

Statements:

All batsmen are cricketers

No cricketer is bowler

Conclusions:

I. No batsman is bowler

II. All cricketers are batsmen

(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)

9. What did A. B. Vajpayee add to Lal Bahadur Shastri's slogan 'Jai Jawan, Jai Kisan'?

(a) Jai Sultan
(b) Jai Vigyan
(c) Jai Hindustan
(d) Jai Sangram

Answer: (b)

11. AS Dileep Kumar is better known as _____.

(a) AR Rahman
(b) RD Burman
(c) Mithoon
(d) Naushad

Answer: (a)

13. If the bread is toasted and mayonnaise is spread on it then either I will go hungry or I will have acidity. I have acidity so mayonnaise was not spread on the bread.

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

Answer: (c)

15. Choose the number which is different from others in the group.

(a) 6
(b) 12
(c) 7
(d) 9

Answer: (c)

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

Statements:

All kites are eagles

All eagles are birds

Conclusions:

I. All kites are birds

II. All birds are kites

(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)

17. Who is the author of 'Viklaang Shraddha ka [illegible]?

(a) Makhanlal Chaturvedi
(b) Atal Bihari Vajpayee
(c) Bhagwan Datt Sharma
(d) Harishankar Parsai

Answer: (d)

19. Select the statement that is the negative of the statement “The sun is shining or the store is closed.”

(a) The sun is shining or the store is not closed
(b) The sun is shining and the store is not closed
(c) The sun is not shining and the store is not closed
(d) If the sun is shining, then the store is not closed

Answer: (c)

20. In the following question, there is certain relationship between the first two words. Choose the following option which has a similar kind of relation.

LEAVES: TREE : : ?

(a) DESERT : SAND
(b) PETALS : FLOWER
(c) RIVER : FOREST
(d) BOY: GIRL

Answer: (b)

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

Statements:

All capsules are tablets

No tablet is tonic

Conclusions:

I. Some capsules are tonics

II. No capsule is tonic

(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)

23. Kohima is the capital of_____.

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

Answer: (d)

24. How many rivers originate from the state of Madhya Pradesh?

(a) Six
(b) Eight
(c) Ten
(d) Twelve

Answer: (c)

25. P,Q,R,S,T,V and W are seven members of a family belonging to three generations. There are two married couples, one each of first and second generations respectively. They travel in three different cars X,Y and Z so that no car has more than three members and there is at least one female in each car. R, who is a granddaughter, does not travel with her grandmother. Q travels his father T in car Y. V travels with her granddaughter S in car X. P travels with her daughter in car Z.

In which car are three members traveling?

(a) X
(b) Y
(c) Z
(d) Either X or Y

Answer: (b)

26. Who established the Nanak Panth

(a) Guru Nanak
(b) Guru Amardas
(c) Guru Ramdas
(d) Guru Arjun Dev

Answer: (a)

27. Which of these states shares its border with Bangladesh?

(a) Tripura
(b) Andhra Pradesh
(c) Madhya Pradesh
(d) Maharashtra

Answer: (a)

30. In his autobiography, M K Gandhi calls _____ his mentor and guide.

(a) Jawaharlal Nehru
(b) Sardar Vallabhai Patel
(c) Gopal Krishna Gokhale
(d) Mangal Pandey

Answer: (c)

31. Select the statement that is the negative of the statement “Some cricketers are tainted.”

(a) All cricketers players are tainted
(b) All tainted people are cricketers
(c) Some cricketers aren’t tainted
(d) No cricketer is tainted

Answer: (d)

32. Bargi one of the major irrigation projects of Madhya Pradesh is situated on the
(a) Narmada and Tapti
(b) Narmada and Yamuna
(c) Narmada and Ganga
(d) Chambal and Tapti
Answer: (c)

33. 'Letters from Russia' was written by?
(a) Dadabhai Naoroji
(b) Bal Gangadhar Tilak
(c) R N Tagore
(d) J L Nehru
Answer: (c)

34. In a queue, A is eighteenth from the front while B is sixteenth from the back. If C is twenty fifth from the front and is exactly in the middle of A and B, then how many persons are there in the queue?
(a) 45
(b) 46
(c) 47
(d) 48
Answer: (c)

35. Mars Orbiter Mission completed 100 days arour Mars in ___.
(a) January 2015
(b) December 2015
(c) September 2014
(d) February 2015
Answer: (a)

37. How many world heritage sites are there in Madhya Pradesh?
(a) 5
(b) 4
(c) 1
(d) 3
Answer: (d)

38. A family consist of six members P,Q,R,S,T and U. There are two married couples. Q is a doctor and the father of T. U is grandfather of R and is a contractor. S is grandmother of T and is a house wife. There is one doctor, one contractor, one nurse, one housewife and two students in the family.

Which of the following is definitely a group of male members?

(a) QU
(b) QUT
(c) QUP
(d) UT

Answer: (a)

39. In India, shares are held electronically in DEMAT form, the full form of which is__.

(a) Dematerialized
(b) Demasted
(c) Demagnetized
(d) Demarcated

Answer: (a)

Mental Ability and Mental Aptitude

1. Abu bought 25 mangoes each at Rs. 6. He sold them at Rs. 8 each. What was his total profit?

(a) 50
(b) 30
(c) 36
(d) 60

Answer: (a)

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

(a) 84
(b) 11
(c) 9
(d) 20

Answer: (a)

6. Complete the series choosing the missing number:

3,7,11,15, ___

(a) 17
(b) 16
(c) 19
(d) 21

Answer: (c)

7. If FIRST is coded as GJSTU, how is THIRD coded?

(a) UIJSE
(b) UJTTF
(c) UHUTF
(d) VJHTF

Answer: (a)

8. A shopkeeper buys cellphones at the rate of Rs. 2400. He makes a profit of 15%. If the profit he made in August is Rs. 18,000, how many cellphones did he sell in that month?

(a) 500
(b) 60
(c) 50
(d) 100

Answer: (c)

11. Complete the series choosing the missing number:

3,5,7,9, ___

(a) 2
(b) 11
(c) 13
(d) 6

Answer: (b)

12. The HCF and LCM of two numbers are [illegible] respectively. If one of the numbers is 175, find the other number

(a) 250
(b) 200
(c) 240
(d) 260

Answer: (a)

14. In a certain code language 'students are crazy' is written as 'ast munol gokon' and 'Teachers are great' is written as 'silal fesp ast' . In that code language the word for 'are' is:

(a) ast
(b) munol
(c) fesp
(d) silal

Answer: (a)

15. I bought 12 eggs at the rate of Rs. 2. Two of them went bad. I sold the remaining eggs at Rs. 3. What was my total profit?

(a) 12
(b) 6
(c) 8
(d) 4

Answer: (b)

16. Simplify the ratio 18:45:72.

(a) 1:3:5
(b) 2:5:8
(c) 3:5:7
(d) 6:5:4

Answer: (b)

18. If FARM is coded as GBSN, how is CROP coded?

(a) FGHP
(b) STUV
(c) DSPQ
(d) DSRP

Answer: (c)

22. The first three lines in the correct solution of a g[illegible]e of SUDOKU were 312498765, 967215348 and 845367192. The answers of A, B C and D were [illegible]under. Which of them is correct?

(a) 312498765, 967215348 and 84536[illegible]
(b) 312498765, 9672135348 and 84536719[illegible]
(c) 312497865, 967215348 and 845367192
(d) 312498765, 967215348 and 845367192

Answer: (d)

24. The price of basmati rice is Rs. 80 per kg. This is 20% more than last year. What was the rate last year?

(a) 16
(b) 96
(c) 64
(d) None of these

Answer: (d)

26. Fill up the blank: 215 is ____ percent of 860.

(a) 645
(b) 55
(c) 20
(d) 25

Answer: (d)

27. The price of a chemical has risen by 20% in one year. If it is Rs. 600 per kg now, how much was it last year?

(a) Rs. 500
(b) Rs. 100
(c) Rs. 120
(d) Rs. 720

Answer: (a)

28. Hema bought 12 mangoes for Rs. 60. Three of them went bad. She sold the remaining at Rs. 6. What was her loss?

(a) Rs 12
(b) Rs 6
(c) Rs 0
(d) Rs 3

Answer: (b)

29. Simplify the ratio 13:52:78.

(a) 1:2:3
(b) 2:4:9
(c) 1:3:8
(d) 1:4:6

Answer: (d)

Science and Simple Arithmetic

3. Pick out the statement that is scientifically w.

(a) The sex of the baby is decided by the kind of father's sperm, either X or Y
(b) Unfertilized egg of mother always contain X chromosome
(c) Reproductive life of a woman lasts from menarche to menopause
(d) A girl becomes pregnant if she touches a boy

Answer: (d)

4. Rainwater harvesting helps in

(a) Increasing rainfall
(b) Increasing level of the water table
(c) Increasing forest cover
(d) Decreasing cutting of trees

Answer: (b)

5. Number of bio-diversity hot-spots in India are

(a) Two
(b) Three
(c) Five
(d) Six

Answer: (a)

7. In the symbol of electric cell, the longer line represents

(a) Positive terminal

(b) Negative terminal

(c) Wire

(d) Direction of current flow

Answer: (a)

8. A piece of bread and a biscuit was kept outside for a few days. Cottony patches started appearing on the bread faster but the biscuit remained same for a few more days . What could be the possible reason?

(a) Moisture content of bread promotes fungus growth

(b) Bread contains only less sugar

(c) Yeast in bread promotes fungal growth

(d) Bread contains more milk

Answer: (a)

10. The population of Bangalore increases by 25% annually. If its population was 40,000 in 2008, what will it be in 2010?

(a) 46,250

(b) 62,500

(c) 6,25,000

(d) 6,250

Answer: (b)

13. The quotient of 68 ÷ 6-2 is equal to ___ _

(a) 6-4

(b) 64

(c) 66

(d) 610

Answer: (d)

20. A simple pendulum takes 66s to complete 30 oscillations. The time period of the simple pendulum is

(a) 2.2 s

(b) 4.5 s

(c) 0.22 s

(d) 0.45s

Answer: (a)

23. The false feet of amoeba are used for

(a) Movement only

(b) capture of food only

(c) exchange of gases

(d) capture of food and movement

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	**(b)**	4	**(c)**	5	**(b)**	6	**(c)**	8	**(a)**	9	**(b)**
11	**(a)**	13	**(c)**	15	**(c)**	16	**(a)**	17	**(d)**	19	**(c)**
20	**(b)**	21	**(b)**	23	**(d)**	24	**(c)**	25	**(b)**	26	**(a)**
27	**(a)**	30	**(c)**	31	**(d)**	32	**(c)**	33	**(c)**	34	**(c)**
35	**(a)**	37	**(d)**	38	**(a)**	39	**(a)**				

Mental Ability and Mental Aptitude

1	**(a)**	3	**(a)**	6	**(c)**	7	**(a)**	8	**(c)**	11	**(b)**
12	**(a)**	14	**(a)**	15	**(b)**	16	**(b)**	18	**(c)**	22	**(d)**
24	**(d)**	26	**(d)**	27	**(a)**	28	**(b)**	29	**(d)**		

Science and Simple Arithmetic

3	**(d)**	4	**(b)**	5	**(a)**	7	**(a)**	8	**(a)**	10	**(b)**
13	**(d)**	20	**(a)**	23	**(d)**						