PREVIOUS YEAR PAPER

MP Police Constable 2017 — 4 September 2017, Shift 2

MP Police Constable · 4 September 2017 · 03:00 PM

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

Left out of the original paper: 29 (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 4 September 2017, 03:00 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-2017-4-sep-shift-2/

General Knowledge and Logical Knowledge

1. Who is popularly referred to as ‘The Lion of Punjab’?

(a) Bal Gangadhar Tilak
(b) Jayaprakash Narayan
(c) Jawaharlal Nehru
(d) Lala Lajpat Rai

Answer: (d)

2. Who is the Union Minister for External Affairs?

(a) Smriti Irani
(b) Sushma Swaraj
(c) Radha Mohan Singh
(d) Harsimrat Kaur Badal

Answer: (b)

3. Six officers have offices in a row. B has F and D as neighbors; E has A and C as neighbors; A does not have his office next to either F or D; C does not have his office next to D. Who among the officers have offices next to F?

(a) C, D
(b) A, B
(c) D, E
(d) B, C

Answer: (d)

4. How many seats did the debutant Aam Aadmi Party secure in the 2017 state elections in Punjab?

(a) 24
(b) 23
(c) 20
(d) 19

Answer: (c)

5. How many numbers greater than 50,000 can be formed with digits 4, 0, 6, 5, and 1?
   (a) 48
   (b) 24
   (c) 36
   (d) 60
   Answer: (a)

6. Which state is home to the largest cave temple, 'Kailash Temple' of India?
   (a) Punjab
   (b) Uttar Pradesh
   (c) Andhra Pradesh
   (d) Maharashtra
   Answer: (d)

7. Which Indian State has been declared as the first 'Digital State' of India?
   (a) Goa
   (b) Karnataka
   (c) Kerala
   (d) Maharashtra
   Answer: (c)

8. Which of the districts of Malwa region is known for te pencil factories?
   (a) Jhabhua
   (b) Indore
   (c) Mandsaur
   (d) Barwani
   Answer: (c)

9. The planet nearest to the sun is
   (a) Uranus
   (b) None of the above
   (c) Mercury
   (d) Pluto
   Answer: (c)

10. The Ashok Chakra on the Indian National Flag has
   (a) 12 spokes
   (b) 18 spokes
   (c) 24 spokes
   (d) 30 spokes
   Answer: (c)

11. The Ashok Chakra in the Indian National Flag is in which colour?
    (a) India Green
    (b) Dark Brown
    (c) Navy Blue
    (d) Black
    Answer: (c)

12. If WATCH is coded XCWGM, then how is DELHI coded?
    (a) FGNLN
    (b) EGOLN
    (c) EGPLN
    (d) FGOLN
    Answer: (b)

13. Who has been awarded the Sangeet Natak Akademi Puraskar for the year 2016?
    (a) Mallika Sarabhai
    (b) Satyabrata Rout
    (c) BirjuMaharaj
    (d) Leila Seth
    Answer: (b)

14. If MATHS is coded LZSGR, then how is GEOGRAPH coded?
    (a) FDNFQZQGX
    (b) FDPFQZOGX
    (c) FDNFSZOGX
    (d) FDNFQZOGX
    Answer: (d)

15. If nib laf bal means elephants are mammals and laf nav nib means elephants are out, the code for which word cannot be inferred with certainty?
    (a) Elephants
    (b) Out
    (c) Mammals
    (d) None of the above
    Answer: (a)

16. 'Santosh trophy' is associated with
    (a) Hockey
    (b) Football
    (c) Weight-lifting
    (d) Wrestling
    Answer: (b)

17. Who was named the Vice Presidential candidate of the National Democratic Alliance (NDA) in 2017?

(a) Venkaiah Naidu
(b) Sushma Swaraj
(c) C VidyasagarRao
(d) Gopalkrishna Gandhi

Answer: (a)

18. In a certain code language, Love is blind means 347, Help blind men means 756, Love is sweet means 439. Which is the word for sweet in that code language?

(a) 3
(b) 7
(c) 9
(d) 4

Answer: (c)

20. The President of the Constituent Assembly was elected in

(a) July, 1950
(b) December, 1946
(c) December, 1948
(d) November, 1949

Answer: (b)

21. _____ does not share its border with Madhy adesh.

(a) Gujarat
(b) Rajasthan
(c) Bihar
(d) Maharashtra

Answer: (c)

22. _____, is the first member of the Jain community to be appointed to the National Commission for Minorities.

(a) Sunil Singhi
(b) Simran Jain
(c) Alpesh Shah
(d) Thawarchand Gehlot

Answer: (a)

23. The Vidhan Bhavan in Bhopal was designed by_____.

(a) B V Doshi
(b) Raj Rewal
(c) Le Corbusier
(d) Charles Correa

Answer: (d)

24. Find the odd one out:
    (a) coffee
    (b) rice
    (c) tea
    (d) cashew

    Answer: (b)

25. Find the odd one out:
    (a) 1321
    (b) 343
    (c) 27
    (d) 125

    Answer: (a)

26. Who drafted Article 370, which gives a special status to Jammu and Kashmir in the Indian constitution?
    (a) Sardar Vallabhai Patel
    (b) Jawaharlal Nehru
    (c) BR Ambedkar
    (d) Gopalaswami Ayyangar

    Answer: (d)

27. Bateswar group of temples is located in_____.
    (a) Morena
    (b) Ujjain
    (c) Khajuraho
    (d) Ratlam

    Answer: (a)

28. Name the first women Governor of an Indian State.
    (a) Lakshmi N. Menon
    (b) Sucheta Kriplani
    (c) Padmaja Naidu
    (d) Sarojini Naidu

    Answer: (d)

29. The district in Madhya Pradesh ,whose name means “Place of Peacock”.
    (a) Morena
    (b) Dhar
    (c) Rewa
    (d) Ratlam

    Answer: (a)

30. Complete the series choosing the missing number: 9, 11, 20, 31, _____, 82

(a) 51
(b) 41
(c) 71
(d) 60

Answer: (a)

31. Complete the series choosing the missing number:

165, 195, 255, 285, 345, _____

(a) 375
(b) 435
(c) 390
(d) 420

Answer: (a)

32. Complete the series choosing the missing number:

5, 17, 37, 65, _____

(a) 97
(b) 99
(c) 101
(d) 95

Answer: (c)

33. Which number would be in the hundreds [illegible] the difference between 'Five thousand two hundred and six' and 1023?

(a) 1
(b) 5
(c) 8
(d) 3

Answer: (a)

36. If DOCUMENT is coded EPDVNFOU, then how is FIGHDST coded?

(a) GJIHETU
(b) GJHIETU
(c) GJHIETV
(d) GHJIETU

Answer: (b)

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

Statements:

Some rhododendrons are strawberries

All strawberries are raspberries

Conclusions:

I. Some rhododendrons are raspberries

II. Some strawberries are rhododendrons

(a) both conclusions I and II follows
(b) only conclusion I follows
(c) only conclusion II follows
(d) neither conclusion I nor conclusion II follows

Answer: (a)

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

Statements:

Some men are kids

Some men are not bald

Conclusions:

I. All bald are kids

II. All kids are men

(a) both conclusions I and II follows
(b) only conclusion I follows
(c) only conclusion II follows
(d) neither conclusion I nor conclusion II follows

Answer: (d)

39. 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) both conclusions I and II follows
(b) only conclusion I follows
(c) only conclusion II follows
(d) neither conclusion I nor conclusion II follows

Answer: (d)

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

Statements:

No insects are rats

Some rats are buffaloes

Conclusions:

I. Some buffaloes are insects

II. Some buffaloes are not insects

(a) both conclusions I and II follows
(b) only conclusion I follows
(c) only conclusion II follows
(d) neither conclusion I nor conclusion II follows

Answer: (c)

Mental Ability and Mental Aptitude

5. The present age of Karan is four years more than four times the age of Khusboo. Five years hence, Karan will be 12 years more than 3 times the age of Khusboo. Find thepresent age of Karan.

(a) 46 years
(b) 16 years
(c) 36 years
(d) 76 years

Answer: (d)

6. The average of three consecutive numbers is 9. If 3 is added to each of the three numbers then find the new average after the addition.

(a) 10
(b) 6
(c) 9
(d) 12

Answer: (d)

9. In a certain place in Mumbai, there are 900 families. A survey indicated that 400 people used Nokia mobile phones; 200 people used Reliance mobile phones; and 80 people used both Nokia and Reliance. Find the number of families which neither used Nokia nor Reliance.

(a) 340
(b) 300
(c) 360
(d) 380

Answer: (d)

10. At what compound interest rate would an amount increase by 96% in two years?

(a) 40%
(b) 48%
(c) 50%
(d) 33%

Answer: (a)

12. The length of a rectangle is increased by 40% what amount of percentage the width have to be decreased to maintain the same area?

(a) 28.5%
(b) 25.5%
(c) 40.5%
(d) 36.5%

Answer: (a)

16. The average age of two persons is 32 years. One is elder by the other by 16 years. The ages of the two persons are:

(a) 20 years, 36 years
(b) 32 years, 32 years
(c) 24 years, 40 years
(d) 34 years, 50 years

Answer: (c)

17. Find the approx distance travelled by a wheel of diameter 14 inches in 25 revolutions.

(a) 1,100 inches

(b) 1,200 inches

(c) 1,300 inches

(d) 1000 inches

Answer: (a)

18. Simi and Nimi are sisters. When Simi was 10 years, Nimi was double her age. At present, if the average of their ages is 25, find Nimi's age.

(a) 45

(b) 40

(c) 30

(d) 60

Answer: (c)

19. A grocer buys 600 eggs at 75 paise each; of which 50 eggs were found to be broken. At what rate should he sell the remaining eggs so as to gain 10 %?

(a) Rs. 2

(b) 90 paise

(c) 80 paise

(d) Rs. 1

Answer: (b)

20. A bag contains Rs. 210 in the form of one-rupee coins, 50 Paise coins and 25 Paise coins in the ratio 3 : 5 : 6. The number of 25 Paise coin the is:

(a) 30

(b) 90

(c) 150

(d) 180

Answer: (d)

22. Three different containers contain 52 , 72 , and 24 of milk respectively. What biggest measure can be used to measure all the containers exactly?

(a) 2 l

(b) 4 l

(c) 6 l

(d) 12 l

Answer: (b)

23. Ratio between Rahul and Deepak is 4:3, After 6 Years Rahul age will be 26 years. What is Deepak present age?

(a) 14
(b) 20
(c) 15
(d) 22

Answer: (c)

24. A trader buys 25 oranges at 8 per rupee and another lot of 25 oranges at 12 per rupee. He mixes both the varieties, and sells them at 10 per rupee. What will be the percentage profit or loss he suffers?

(a) None of the above
(b) 4% profit
(c) 4% loss
(d) 5% profit

Answer: (a)

25. A man traveled a distance of 61 km in 9 hr. He traveled partly on bicycle at 9 kmph and on foot at 4 kmph. The distance traveled on bicycle is

(a) 50 km
(b) 25 km
(c) 45 km
(d) 16 km

Answer: (c)

26. The present ages of Palani and Karthi are in the ratio of 5 : 4, respectively. Three years hence, the ratio of their ages will become 11 : 9, respectively. What is Karthi's present age?

(a) 21 years
(b) 26 years
(c) 30 years
(d) 24 years

Answer: (d)

27. A car starts from Point A towards Point B at a speed which is 50 % higher than that of a two-wheeler. The two-wheeler is 120 km ahead of the car and is also moving towards Point B. If both the vehicles reach Point B at the same time, what is the distance between Points A and B?

(a) 360 km
(b) 420 km
(c) 240 km
(d) 200 km

Answer: (a)

29. Find the average.

79, 89, 99, 9, 19 & 29

(a) 56

(b) 54

(c) 58

(d) 52

Answer: (b)

Science and Simple Arithmetic

8. After getting two successive discounts, a shirt with a list price of Rs. 150 is available at Rs. 105. If the second discount is 12.5%, then how much is the first discount?

(a) 20%

(b) 15%

(c) 18%

(d) 10%

Answer: (a)

9. If 25% of a number is 20, what is 40% of that number?

(a) 32

(b) 24

(c) 28

(d) 30

Answer: (a)

10. A has Rs. 90 and B has Rs. 42. After B has won a certain sum from A, A has five-sixth of what B has. How much does B win?

(a) Rs. 20

(b) Rs. 30

(c) Rs. 24

(d) Rs. 32

Answer: (b)

11. If the cube root of 1728 = 12, then the cube root of 0.001728 =___.

(a) 0.012

(b) 0.0012

(c) 1.2

(d) 0.12

Answer: (d)

12. The period in which 20000 will amount to Rs. 24,200 at 10% per annum compound interest is: / 20000

(a) 3 years
(b) 2 years
(c) 1 year
(d) 1.5years

Answer: (b)

14. Which of the following structure is present in the nucleus?

(a) Mitochondria
(b) Chromosome
(c) Centriole
(d) Ribosome

Answer: (b)

15. Which is the correct sequence of steps involved in the crystallisation of a pure compound from its impure sample?

(a) Filtration, Evaporation, Dissolution, Cooling
(b) Dissolution, Evaporation, Cooling, Filtration
(c) Evaporation, Filtration, Cooling, Dissolution
(d) Evaporation, Dissolution, Cooling, Filtration

Answer: (b)

16. If 120 oscillations are produced in 6 seconds, th equency will be:

(a) 20 Hz
(b) 0.05 Hz
(c) 120 Hz
(d) 720 Hz

Answer: (a)

17. Oxygen atom has six valence electrons, but its valency is only 2. This is justified because:

(a) It can gain six electrons and complete its octet to be stable.
(b) It can gain two electrons and complete its octet to be stable.
(c) It can lose six electrons and combine with other elements to form compounds.
(d) It can lose two electrons and combine with other elements to form compounds.

Answer: (b)

19. The device which easily closes or opens an electric circuit is_____.

(a) electric cell
(b) electric switch
(c) electric bulb
(d) electric fuse

Answer: (b)

20. The kind of 'filler' connective tissue that binds skin to muscles and holds organs in place is:
    (a) Areolar
    (b) Adipose tissue
    (c) Tendon
    (d) Ligament
    Answer: (a)

21. The level of mercury rises when its bulb comes in contact with a hot object because:
    (a) Of radiation
    (b) It shrinks when heated
    (c) Of convection
    (d) It expands when heated
    Answer: (d)

22. The middle layer of the earth is called _____.
    (a) crust
    (b) mantle
    (c) cladding
    (d) core
    Answer: (b)

23. The number of colors present in white light are:
    (a) Seven
    (b) Five
    (c) Six
    (d) One
    Answer: (a)

27. _____ are a gallinaceous domesticated fowl, bred and raised specifically for meat production.
    (a) Broilers
    (b) Ducks
    (c) Turkey
    (d) Rhode Island
    Answer: (a)

28. The practice of growing plants in mineral nutrient solutions in water without soil is called_____.
    (a) tissue culture
    (b) aeroponics
    (c) hydroponics
    (d) roof top gardening
    Answer: (c)

30. The vacuoles in a plant cell is a:
    (a) None of the above
    (b) Lacks a membrane and contains insoluble excretory substances
    (c) Membrane bound organelle containing cell sap
    (d) Membrane bound and contains storage carbohydrates and fats

    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 Knowledge and Logical Knowledge

1	**(d)**	2	**(b)**	3	**(d)**	4	**(c)**	5	**(a)**	6	**(d)**	7	**(c)**	8	**(c)**
9	**(c)**	10	**(c)**	11	**(c)**	12	**(b)**	13	**(b)**	14	**(d)**	15	**(a)**	16	**(b)**
17	**(a)**	18	**(c)**	20	**(b)**	21	**(c)**	22	**(a)**	23	**(d)**	24	**(b)**	25	**(a)**
26	**(d)**	27	**(a)**	28	**(d)**	29	**(a)**	30	**(a)**	31	**(a)**	32	**(c)**	33	**(a)**
36	**(b)**	37	**(a)**	38	**(d)**	39	**(d)**	40	**(c)**						

Mental Ability and Mental Aptitude

5	**(d)**	6	**(d)**	9	**(d)**	10	**(a)**	12	**(a)**	16	**(c)**	17	**(a)**	18	**(c)**
19	**(b)**	20	**(d)**	22	**(b)**	23	**(c)**	24	**(a)**	25	**(c)**	26	**(d)**	27	**(a)**
29	**(b)**														

Science and Simple Arithmetic

8	**(a)**	9	**(a)**	10	**(b)**	11	**(d)**	12	**(b)**	14	**(b)**	15	**(b)**	16	**(a)**
17	**(b)**	19	**(b)**	20	**(a)**	21	**(d)**	22	**(b)**	23	**(a)**	27	**(a)**	28	**(c)**
30	**(c)**														