PREVIOUS YEAR PAPER

MP Police Constable 2017 — 27 September 2017, Shift 2

MP Police Constable · 27 September 2017 · 03:00 PM

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

Left out of the original paper: 25 (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 27 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-2017-27-sep-shift-2/

General Knowledge and Logical Knowledge

2. Day after tomorrow is my birthday. On the same day next week falls ‘Holi’. Today is Monday. What will be the day after ‘Holi’?

(a) Saturday
(b) Friday
(c) Wednesday
(d) Thursday

Answer: (d)

3. The river festival “Namami Brahmaputra” was held 2017 in _____.

(a) Assam
(b) Bihar
(c) West Bengal
(d) Sikkim

Answer: (a)

5. Which number is written backward as 'Two thousand eight hundred and three'?

(a) Eight thousand and thirty two
(b) Eight thousand three hundred and two
(c) Three thousand eight hundred and two
(d) Three thousand and eighty two

Answer: (d)

6. Indian Women’s hockey team won the 2016 Asian Champions Trophy against which team?

(a) China
(b) Japan
(c) South Korea
(d) Pakistan

Answer: (a)

7. If POLISH is coded PPNLWM, then how is MUMBAI coded?

(a) MVOEEM
(b) MVOFEN
(c) MVOEFN
(d) MVOEEN

Answer: (d)

8. If RICH is coded NFAG, then how is FULL coded?

(a) BSJK
(b) ARJK
(c) BRJK
(d) ASJK

Answer: (c)

9. If COULD is coded BNTKC and MARGIN is coded LZQFHM, then how is MOULDING coded?

(a) NITKHCMF
(b) LNTKCHMF
(c) CHMFINTK
(d) LNKTCHMF

Answer: (b)

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

Statements:

Some trees are pens

All pens are erasers

Conclusions:

I. All erasers are pens

II. Some erasers are trees

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

Answer: (c)

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

Statements:

Some cows are animals

Some animals are monkeys

Conclusions:

I. All monkeys are cows

II. No animal is a cow

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

Answer: (a)

12. Some boys are sitting in a row. Raju is sitting fourteenth from the left and Ramesh is seventh from the right. If there are four boys between Raju and Ramesh, how many boys are there in the row?

(a) 25
(b) 17
(c) 20
(d) 23

Answer: (a)

13. If BELIEF is coded EBILFE, then how is BANANA coded?

(a) ABANAN
(b) ANANAB
(c) ANABAN
(d) BANAAN

Answer: (a)

15. In India, the 'National Voters' Day is observed on _____.

(a) December 25
(b) January 18
(c) January 25
(d) March 05

Answer: (c)

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

Statements:

All painters are singers

Some singers are poets

Conclusions:

I. Some painters are poets

II. All painters are poets

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

Answer: (a)

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

Statements:

All teachers are students

All students are professors

Conclusions:

I All teachers are professors

II. All professors are teachers

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

Answer: (d)

18. Which country hosted the 9th BRICS Summit in 2017?

(a) Russia
(b) China
(c) Brazil
(d) India

Answer: (b)

19. The Child Marriage Restraint Act was in _____.

(a) 1899
(b) 1929
(c) 1952
(d) 1973

Answer: (b)

22. Choose the number which is different from others in the group:

(a) 5
(b) 6
(c) 12
(d) 9

Answer: (a)

23. Gandhi Sagar Dam has been built on_____river.

(a) Narmada
(b) Chambal
(c) Betwa
(d) Mahanadi

Answer: (b)

25. Sanchi is located in the district of _____.

(a) Bhopal
(b) Sehore
(c) Vidisha
(d) Raisen

Answer: (d)

26. _____ was declared as India's Cleanest City in the Swachh Survekshan-2017 conducted by the Ministry of Urban Development.

(a) Indore
(b) Mysuru
(c) Varanasi
(d) Ahmedabad

Answer: (a)

27. The Indo-Tibetan Border Police Force was raised in the year _____.

(a) 1967
(b) 1948
(c) 1973
(d) 1962

Answer: (d)

28. India's first Par on Museum was inaugurated in the year_____.

(a) 2016
(b) 1965
(c) 1982
(d) 1952

Answer: (a)

30. _____ is the largest container port in India and is also known by Nhava Sheva. / _____

(a) Kandla Port
(b) Kolka a Port
(c) Mormugao Port
(d) Jawaharlal Nehru Port

Answer: (d)

31. Which of the following states was received the KRISHI KARMAN award for the 5th time in succession in 2017 for wheat production?

(a) Punjab
(b) Jharkhand
(c) Uttar Pradesh
(d) Madhya Pradesh

Answer: (d)

32. Rani Rupmati's Pavilion is located at _____.

(a) Patalkot
(b) Chanderi
(c) Mandu
(d) Khajuraho

Answer: (c)

33. Who was honoured with Sahitya Akademi Award in 1972 for his book Buni Hui Rassi?

(a) Bhawani Prasad Mishra
(b) Abdul Latif Khan
(c) Makhanlal Chaturvedi
(d) Bal Krishna Sharma

Answer: (a)

34. Complete the series choosing the missing number:

4, 6, 12, 14, 28, 30, _____

(a) 32
(b) 62
(c) 64
(d) 60

Answer: (d)

35. Complete the series choosing the missing number:

0, 6, 24, 60, 120, _____

(a) 210
(b) 220
(c) 215
(d) 200

Answer: (a)

36. Complete the series choosing the missing number:

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

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

Answer: (b)

37. In a certain language,Bananas are not ripe is written as Onka Pent Lepu Jima, Fruits are ripe Prefa Lepu Onka, Ripe mangoes are good is written as Lepu Jink Onka Reta. is written as

What word represents fruits in the language.

(a) Jink
(b) Prefa
(c) Lepu
(d) Onka

Answer: (b)

38. Madhya Pradesh Government has proposed to develop the 'Ramayana Circuit' at _____.

(a) Sanchi
(b) Chitrakoot
(c) Khajuraho
(d) Orchcha

Answer: (b)

39. The Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act was passed by the Parliament in the year_____.

(a) 1967
(b) 1976
(c) 1996
(d) 1989

Answer: (d)

Mental Ability and Mental Aptitude

6. The Product of ages of X and Y is 80 and the ratio of the ages of X and Y is 5:16. Find the present age of Y.

(a) 32

(b) 16

(c) 4

(d) 14

Answer: (b)

7. In a group of 6 persons, when one person with an age of 30 years is replaced by another person, the average age of the group decreases by 2 years. Find the age of the new person.

(a) 16 yrs

(b) 22 yrs

(c) 18 yrs

(d) 20 yrs

Answer: (c)

8. 5 students can finish 10 projects in 3 days. How much me will 3 students take to finish 12 projects?

(a) 12 days

(b) 6 days

(c) 10 days

(d) 4 days

Answer: (b)

9. A shopkeeper allowed 5 % discount on marked price of the tape recorder. If the selling price is Rs. 1273, then what is its marked price?

(a) Rs. 1440

(b) Rs. 1140

(c) Rs. 1240

(d) Rs. 1340

Answer: (d)

11. Ten men and 15 women, working together can complete a piece of work in 6 days. It takes 120 days for a man to complete the same work. How many days will one woman take to complete the same work?

(a) 150 days

(b) 200 days

(c) 180 days

(d) 125 days

Answer: (c)

12. Find the value of (28 + 2 * 3 – 17 / 17) / (28 + 2 * 3 – 17

(a) 33

(b) 0

(c) 34

(d) 1

Answer: (a)

13. In a group of players, 10 play only Cricket while 20 play only Football and 5 players play both. How many players are there in the group?

(a) 20

(b) 25

(c) 30

(d) 35

Answer: (d)

14. The number of cars produced annually in a factory increased by 12.5 %. If 9720 cars were produced in 1978, the number of cars produced in 1976 was:

(a) 7500

(b) 7680

(c) 10933

(d) None of the above

Answer: (b)

16. Three persons are walking from A to B. Their sp s are in the ra o of 4 : 3 : 5. The me ra o to reach B will be:

(a) 5 : 3 : 4

(b) 15 : 20 : 12

(c) 4 : 3 : 5

(d) 15 : 9 : 20

Answer: (b)

18. On April 1, Ben had a bank balance of Rs. 99945.60. In April, he deposits Rs. 4506.70, withdraws Rs. 2390.45, again deposits Rs. 10006.55 and withdraws Rs. 7823.30. On April 30, he withdraws Rs. 15000 and deposits Rs. 75000. What is the balance in Ben's account on May 1?

(a) Rs. 44245.1

(b) Rs. 169026.7

(c) Rs. 179891.7

(d) Rs. 164245.1

Answer: (d)

19. The ra o of Rahul's income to his savings is 11 : 2. What will be the expenditure, if his savings is Rs. 760?

(a) Rs. 1,470
(b) Rs. 6,840
(c) Rs. 2,450
(d) Rs. 3,420

Answer: (d)

20. Suresh gets Rs. 55 when a sum of money is distributed among Sachin, Vinod, and Suresh in the ra o of 2 : 3 : 1. Sachin and Vinod will receive a combined sum of _____.

(a) Rs. 220
(b) Rs. 330
(c) Rs. 275
(d) Rs. 550

Answer: (c)

21. Kamal can type 70 pages in 14 hours. How many pages can he type in 20 hours?

(a) 85
(b) 90
(c) 100
(d) 110

Answer: (c)

22. If Sujata's age will be double her present age in years, how old will she be then?

(a) 16 years
(b) 40 years
(c) 24 years
(d) 32 years

Answer: (d)

23. In an ins tu on, 2/7th of the girls and 1/3rd of the boys took part in a social camp. What part of the total number of students in the college took part in the camp if the ra o of number of boys to that of girls in the school is 3:7?

(a) 5/7
(b) 1/10
(c) 3/10
(d) 3/7

Answer: (c)

24. An isosceles triangle whose sides are 13 cm, 13 cm and 10 cm long is inscribed in a circle. Find the radius of the circle.

(a) 7.04 cm
(b) 8.05 cm
(c) 4.05 cm
(d) 5.03 cm

Answer: (a)

28. The ratio of the ages of Suresh and Ramesh is 4 : 3, The sum of their ages is 21 years. The ratio of their ages after 6 years will be:

(a) 5 : 6
(b) 5 : 3
(c) 3 : 5
(d) 6 : 5

Answer: (d)

29. Find the average.

44, 62, 84, 98, 12 & 36

(a) 50
(b) 57
(c) 48
(d) 56

Answer: (d)

30. In a city, 40% of the people are illiterate a. % are poor. Among the rich, 10 % are illiterate. What percentage of the poor population is illiterate?

(a) 40%
(b) 60%
(c) 36%
(d) 80%

Answer: (b)

Science and Simple Arithmetic

3. If 6 apples can be bought for Rs.32, how many apples can be bought for Rs.192?

(a) 32
(b) 34
(c) 30
(d) 36

Answer: (d)

4. Ram deposited Rs.7000 in a bank. If the rate of simple interest for 2 years is 6%, find the amount he will get back at the end of this period.

(a) Rs.7200 / 7200
(b) Rs.7840 / 7840
(c) Rs.8000 / 8000
(d) Rs.8250 / 8250

Answer: (b)

6. If 8 times a number is equal to 48, then the number is:

(a) 6
(b) 10
(c) 9
(d) 8

Answer: (a)

7. If O is the centre of a circle with radius 10cm, and AB is a chord at a distance of 6cm from the centre, then the length of the chord AB is:

(a) 8 cm
(b) 9 cm
(c) 10 cm
(d) 16 cm

Answer: (d)

8. One morning, Diya observed a rose in her garden. On the second day, she observed two roses. On the third day, she saw four roses; and on the fourth day, eight roses. If this pattern continued, how many roses will be there in the garden on the 10th day?

(a) 29
(b) 25
(c) 219
(d) 210

Answer: (c)

9. Find the least number that must be added to 13325 to obtain a perfect square.

(a) 131
(b) 151
(c) 161
(d) 141

Answer: (a)

10. By selling a sari for Rs.1080, a shopkeeper earns 8% profit. The cost price of the sari will be:

(a) Rs.900 / 900
(b) Rs.1000 / 1000
(c) Rs.1100 / 1100
(d) Rs.800 / 800

Answer: (b)

11. The dimensions of a cuboid are in the ratio 4: 3:1. If its volume is 8748 Cubic cm, find the total surface area of the cuboid.

(a) 3078 sqcm
(b) 2322 sqcm
(c) 4422 sqcm
(d) 5622 sqcm

Answer: (a)

12. The unit digit of the cube of 862 will be ____.

(a) 4
(b) 6
(c) 2
(d) 8

Answer: (d)

13. The perimeter of a rectangle is 72 meter. If one side of the rectangle is 12 meter more than the other side, the measure of the sides are:

(a) 16 m , 24 m
(b) 20 m, 24 m
(c) 18 m, 30 m
(d) 12 m , 24 m

Answer: (d)

15. Name the watery fluid in which blood cells float

(a) Blood
(b) Serum
(c) Plasma
(d) Lymph

Answer: (c)

16. Name two protein containing Rabi crops:

(a) Coconut and til
(b) Pulses and gram
(c) Cotton and jute
(d) Tea and coffee

Answer: (b)

17. Which one of the following is the most ductile metal?

(a) Zinc
(b) Gold
(c) Copper
(d) Lead

Answer: (b)

18. How many daughter cells will be formed when 4 mother cells divide once?
    (a) 16
    (b) 4
    (c) 2
    (d) 8
    Answer: (d)

19. The metal released in electrolysis gets deposited on the_____.
    (a) sides of the container
    (b) cathode
    (c) half on the anode and half on the cathode
    (d) anode
    Answer: (b)

20. The shape of the orbit in which a comet revolves around the sun is:
    (a) Circular
    (b) Semi-circular
    (c) Parabolic
    (d) Highly elliptical
    Answer: (d)

21. Who coined the term protoplasm?
    (a) Rudolf Virchow
    (b) Purkinji
    (c) Robert Brown
    (d) Robert Hook
    Answer: (b)

22. The term gene was coined by _____.
    (a) Mendel
    (b) Johannsen
    (c) Darwin
    (d) Watson
    Answer: (b)

23. Amoeba : unicellular :: _____ : multicellular
    (a) Euglena
    (b) Chlamydomonas
    (c) Bread mould
    (d) Paramecium
    Answer: (c)

25. The vein that does not transport deoxygenated blood is _____.
    (a) superior vena cava
    (b) hepatic portal vein
    (c) pulmonary vein
    (d) renal vein

    Answer: (c)

26. The microorganism that acts as the fermenting agent in the conversion of sugar into alcohol is:
    (a) Penicillium
    (b) Lactobacillus
    (c) Rhizobium
    (d) Yeast

    Answer: (d)

28. Which one of the following plant parts is not used in vegetative propagation?
    (a) Flower
    (b) Stem
    (c) Root
    (d) Leaf

    Answer: (a)

29. The area of a trapezium is 1200 sq.m. If the distar between the two parallel sides is 20 m and one of the parallel side is 70 m, then the length of th .her parallel side is:
    (a) 30 m
    (b) 50 m
    (c) 70 m
    (d) 90 m

    Answer: (b)

30. The word B appears in a plane mirror as due to:
    (a) Dispersion
    (b) Lateral inversion
    (c) Wrong positioning of the mirror
    (d) Reflection

    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 Knowledge and Logical Knowledge

2	**(d)**	3	**(a)**	5	**(d)**	6	**(a)**	7	**(d)**	8	**(c)**
9	**(b)**	10	**(c)**	11	**(a)**	12	**(a)**	13	**(a)**	15	**(c)**
16	**(a)**	17	**(d)**	18	**(b)**	19	**(b)**	22	**(a)**	23	**(b)**
25	**(d)**	26	**(a)**	27	**(d)**	28	**(a)**	30	**(d)**	31	**(d)**
32	**(c)**	33	**(a)**	34	**(d)**	35	**(a)**	36	**(b)**	37	**(b)**
38	**(b)**	39	**(d)**								

Mental Ability and Mental Aptitude

6	**(b)**	7	**(c)**	8	**(b)**	9	**(d)**	11	**(c)**	12	**(a)**
13	**(d)**	14	**(b)**	16	**(b)**	18	**(d)**	19	**(d)**	20	**(c)**
21	**(c)**	22	**(d)**	23	**(c)**	24	**(a)**	28	**(d)**	29	**(d)**
30	**(b)**										

Science and Simple Arithmetic

3	**(d)**	4	**(b)**	6	**(a)**	7	**(d)**	8	**(c)**	9	**(a)**
10	**(b)**	11	**(a)**	12	**(d)**	13	**(d)**	15	**(c)**	16	**(b)**
17	**(b)**	18	**(d)**	19	**(b)**	20	**(d)**	21	**(b)**	22	**(b)**
23	**(c)**	25	**(c)**	26	**(d)**	28	**(a)**	29	**(b)**	30	**(b)**