PREVIOUS YEAR PAPER

MP Police Constable 2017 — 3 September 2017, Shift 2

MP Police Constable · 3 September 2017 · 03:00 PM

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

Left out of the original paper: 32 (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 3 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-2017-3-sep-shift-2/

General Knowledge and Logical Knowledge

1. Most important river island in Madhya Pradesh is

(a) Omkareshwar
(b) Nauradehi
(c) Kalbhairava
(d) Wainganga

Answer: (a)

2. If GJIH is coded DGFE, then how is BEDC coded?

(a) YBAZ
(b) ONPM
(c) NOPM
(d) MNOP

Answer: (a)

3. _____ was elected as the Vice-President of the Constituent Assembly

(a) Radhakrishnan
(b) Rajendra Prasad
(c) B R Ambedkar
(d) H C Mukherjee

Answer: (d)

5. In Dubai International Film Festival 2014, who among the following artists was awarded Lifetime Achievement Award?

(a) Asha Bhonsle
(b) Manoj Kumar
(c) Lata Mangeshkar
(d) Amitabh Bachchan

Answer: (a)

6. Orchha is a royal town located at river bank of
   (a) Tawa
   (b) Son
   (c) Barna
   (d) Betwa
   Answer: (d)

7. Shree Singaji Thermal Power Project is located in
   (a) Khandwa
   (b) Katni
   (c) Seoni
   (d) Agar Malwa
   Answer: (a)

8. In which state is the Kalakshetra Foundation based?
   (a) Tamil Nadu
   (b) Maharashtra
   (c) Rajasthan
   (d) West Bengal
   Answer: (a)

9. The largest state by area in India is
   (a) Uttar Pradesh
   (b) None of the above
   (c) Maharashtra
   (d) Madhya Pradesh
   Answer: (b)

10. The important latitude that passes through Madhya Pradesh is
   (a) Tropic of Capricorn
   (b) Tropic of Cancer
   (c) Arctic Circle
   (d) Equator
   Answer: (b)

11. Odissi is a classical dance of
   (a) Tamil Nadu
   (b) Andhra Pradesh
   (c) Odisha
   (d) Kerala
   Answer: (c)

12. Who among the following was the Chairman of the Second Administrative Reforms Commission?
    (a) Veerappa Moily
    (b) Natwar Singh
    (c) M.S. Gill
    (d) None of these
    Answer: (a)

13. Prime Minister Narendra Modi's Suit with his name embroidered in gold pinstripes was auctioned at which of the following cities?
    (a) New Delhi
    (b) Mumbai
    (c) Varanasi
    (d) Surat
    Answer: (d)

14. National Milk Day is celebrated in India on
    (a) September 9
    (b) November 26
    (c) January 23
    (d) June 5
    Answer: (b)

15. Jama Masjid' Of Bhopal was built by
    (a) Shah Jahan Begum
    (b) Dost Mohammed
    (c) Qudisiya Begum
    (d) Baqi Mohammad Khan
    Answer: (c)

16. A runner has to clear two hurdles to complete a race. The probability of clearing any hurdle is 80 %. What is the probability that the runner will not be able to complete the race?
    (a) 36%
    (b) 16%
    (c) 40%
    (d) 4%
    Answer: (a)

17. Who is the Chief of the Indian Air Force?
    (a) Air Chief Marshall Arup Raha
    (b) Air Chief Marshall Anil Kumar Browne
    (c) Air Chief Marshall Pradeep Naik
    (d) Air Chief Marshall B S Dhanoa
    Answer: (d)

19. Find the odd one out:

1, 2, 6, 21, 89, 445

(a) 89
(b) 6
(c) 21
(d) 445

Answer: (a)

20. If POWER is coded REWOP, then how is KNOWLEDGE coded?

(a) EGDEWLONK
(b) EGDELWONK
(c) EGDELWON
(d) EGDELWNOK

Answer: (b)

21. Some managers are seated in a row in an order: Who among the following should be seated on seat 5?

(a) Mr. Praveen
(b) Mr. Vikram
(c) Mr. Qadir
(d) Mr. Omkar

Answer: (d)

22. In a certain language, fil wil l means tel[illegible]m r[illegible]; wil skel feil means now and then. Which is the word for wil in that code language?

(a) tell
(b) now
(c) then
(d) them

Answer: (b)

25. Complete the series choosing the missing letter/s:

C, X, E, V, G, _____

(a) T
(b) R
(c) U
(d) L

Answer: (a)

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

Statements:

Some balloons are balls

Parachute is a balloon

Conclusions:

I. Some balls are balloons

II. Parachute is not a ball

(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)

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

Statements:

No flower is a rose

Lily is a flower

Conclusions:

I. Lily is not a rose

II. All flowers are not lilies

(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)

29. State Bird of Madhya Pradesh is

(a) Flycatcher
(b) Peafox
(c) Hornbill
(d) Umaria

Answer: (a)

30. Meghnad Saha was a _____.

(a) Economist

(b) Physicist

(c) Historian

(d) Painter

Answer: (b)

31. Consider a group comprising of 4 students : Reena, Beena, Meena, and Neena, who stand in a row. Reen and Beena stand in 6th and 7th positions respectively from the left. Meena and Neena stand in the 4th and 5th positions respectively from the right. When Beena and Meena exchange their positions, then Beena will be 15th from the left. If Neena and Reena also exchange their positions between themselves, then after the exchange, Neena's position from the left will be:

(a) 10

(b) 11

(c) 6

(d) None of the above

Answer: (c)

34. In a certain code boja deja aja means green fresh grass and kaja soja deja means fresh lime soda .which is the word for fresh in that language?

(a) boja

(b) aja

(c) deja

(d) soja

Answer: (c)

35. R.K. Laxman, who passed away recently, was a_____.

(a) musician

(b) poet

(c) dancer

(d) cartoonist

Answer: (d)

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

Statements:

All dosas are idlis

Some poories are not dosas

Conclusions:

I. All idlis are poories

II. Some poories are not idlis

(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)

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

Statements:

All cartoons are animations

Some animations are pictures

Conclusions:

I. Some cartoons are pictures

II. Some pictures are cartoons

(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)

38. Complete the series choosing the missing number: 31, 33, 36, 41, 48, _____

(a) 50
(b) 55
(c) 61
(d) 59

Answer: (d)

39. Complete the series choosing the missing number:

2, 5, 10, 17, 26, _____

(a) 31
(b) 36
(c) 37
(d) 35

Answer: (c)

40. Complete the series choosing the missing number:

2, 12, 6, 36, 18, _____

(a) 108
(b) 66
(c) 84
(d) 36

Answer: (a)

Mental Ability and Mental Aptitude

4. Find the distance covered by a train moving at a speed of 90 kmph in 10 mins.

(a) 900 km
(b) 15 m
(c) 900 m
(d) 15 km

Answer: (d)

6. Three men, X, Y and Z together can do a piece of work in 8 days, while X and Z together can do it in 12 days. How long will Y alone take to do the same work?

(a) 28 days
(b) 24 days
(c) 16 days
(d) 20 days

Answer: (b)

7. The ra o of the number of boys to girls in a college is 5 : 6. If 25 % of the boys and 20 % of the girls are scholarship holders, what percentage of students does not get the scholarship? (Approximately)

(a) 89%
(b) 85%
(c) 78%
(d) 65%

Answer: (c)

8. A train is moving at a speed of 60 kmph. If the length of the train is 100 m, then how long will it take to cross a railway pla orm 150 m long?

(a) 10 sec
(b) 15 sec
(c) 18 sec
(d) 12 sec

Answer: (b)

11. An agent receives a commission of 1.5 % on the sale of each vehicle that he sells. If the commission was Rs. 90, what were the total sales?

(a) 600
(b) 6000
(c) 9000
(d) 900

Answer: (b)

12. A five liter acid is 80 % pure. How much water should be added to the acid in order to make its strength 70 %? (Approximately)

(a) 0.7 liter
(b) 1.1 liter
(c) 1 liter
(d) 0.4 liter

Answer: (a)

13. Gaurav Sanguly scored his maiden cen' ' wit' boundaries and 6 sixes. Find the ra o of the runs scored in fours and sixes to the runs sc. ile running between the wickets.

(a) 19 : 6
(b) 19 : 4
(c) 10 : 9
(d) 6 : 5

Answer: (a)

15. Find the average.

101, 105, 109, 113, 117 & 127

(a) 109
(b) 112
(c) 101
(d) 113

Answer: (b)

16. Ramu bought an article for Rs. 300 and sold it for a gain of 15%. What is the selling price of the article?

(a) Rs. 345
(b) Rs. 350
(c) Rs. 360
(d) Rs. 340

Answer: (a)

17. Evaluate:

6372 x 6372 + 6372 x 628

(a) 44604000
(b) 44607000
(c) 44600000
(d) 4406400

Answer: (a)

22. A wire of length 15 cm is bent to make a rectangle. If the length of the rectangle is 5 cm, then its area would be:

(a) 13.5 sq cm
(b) 12.5 sq cm
(c) 12.25 sq cm
(d) 16.9 sq cm

Answer: (b)

23. Out of 200 students in a school, 140 play cricket, 80 play tennis, and 20 neither play cricket nor tennis. The percentage of students who play both is

(a) 5%
(b) 15%
(c) 20%
(d) 10%

Answer: (d)

24. Dhoni is older than Virat by 4 years. If their ages are in the respective ratio of 7:6. Find the age of Dhoni.

(a) 26
(b) 24
(c) 28
(d) 36

Answer: (c)

25. The runs scored by a batsman in 5 consecutive matches are 150, 0, 95, 15 and 25. Find the average runs scored by the batsman.

(a) 57
(b) 54
(c) 52
(d) 55

Answer: (a)

26. What is the sum of the greatest '4-digit' and the smallest '5-digit' number?

(a) 100000
(b) 99999
(c) 19999
(d) 109999

Answer: (c)

27. On dividing a number by 666, the quo

(a) 122200
(b) 133300
(c) 100043
(d) 144400

Answer: (b)

28. A company employs only couples. While the ave e monthly earning of the wives is Rs. 15,000 and their husband's is Rs. 25,000; then, what is the erage monthly income of each employee in the company?

(a) Rs. 25,000
(b) Rs. 40,000
(c) Rs. 20,000
(d) Rs. 22,500

Answer: (c)

30. The average weight of 10 person's increases by 3 kg when a new person comes in place of one of them weighing 70 kg. What is the weight of the new person?

(a) 110 kg
(b) 120 kg
(c) 100 kg
(d) 90 kg

Answer: (c)

Science and Simple Arithmetic

3. During internal fertilization, the process of fertilization occurs:

(a) on land

(b) in the body of the female

(c) inthe body of the male

(d) in water

Answer: (b)

4. A candidate gets 71% of votes and wins the election by 756 votes. If there are two candidates, then the total number of votes is:

(a) 1800

(b) 1852

(c) 1840

(d) 1750

Answer: (a)

5. Two chords AB and CD of a circle intersect each other at a point E outside the circle. If AB = 11cm, BC = 3cm and DE = 3.5cm, then CD = _____.

(a) 9.5 cm

(b) 9 cm

(c) 10 cm

(d) 8.5 cm

Answer: (d)

8. A wheel of diameter 14cm completes 20 revolutir in travelling a distance from P to Q. What is the distance between P and Q?

(a) 880 cm

(b) 44 cm

(c) 3080 cm

(d) 580 cm

Answer: (a)

9. A pole has 0.5 of its length in mud, 0.25 of its length in water and 2m above water. The total length of pole is:

(a) 8 m

(b) 6 m

(c) 7 m

(d) 4 m

Answer: (a)

10. Which one of the following numbers is a perfect square?

(a) 941

(b) 567

(c) 652

(d) 961

Answer: (d)

11. Which class has minimum number of students?
    (a) VIII A
    (b) VIII F
    (c) VIII B
    (d) VIII E
    Answer: (b)

12. The measure of each angle of a regular hexagon is:
    (a) 120
    (b) 90
    (c) 60
    (d) 150
    Answer: (a)

13. Magnetic compass needle is a best device as a direction finder, but it becomes useless at:
    (a) 66° North and South
    (b) Magnetic poles
    (c) Magnetic equator
    (d) 23.5° North and South
    Answer: (b)

16. Name the phylum to which Crayfish belongs to?
    (a) Pisces
    (b) Echinodermata
    (c) Chordate
    (d) Arthropods
    Answer: (d)

21. Which of the following is NOT an antibiotic?
    (a) Tetracycline
    (b) Quinine
    (c) Chloromycin
    (d) Streptomycin
    Answer: (b)

22. Which one of the following is NOT a micro-organism?
    (a) Bacteria
    (b) Yeast
    (c) Amoeba
    (d) Mushroom
    Answer: (d)

23. Perimeter of a circle is equal to that of a square. Ratio of their areas is:
    (a) 1 : 1
    (b) 1 : 2
    (c) 1 : 14
    (d) 14 : 11
    Answer: (d)

24. If -72a4b5c8÷ # = 8a2b3c5, then # stands for:
    (a) 9a2b2c3
    (b) a2b3c5
    (c) -9a2b2c3
    (d) -8a2b2c3
    Answer: (c)

25. If the angle of incidence is 65°, the angle of reflection will be:
    (a) 45°
    (b) 25°
    (c) 65°
    (d) 35°
    Answer: (c)

28. If a number is doubled, then its cube is x times the cube of the given number. The value of x is:
    (a) 2
    (b) 4
    (c) 8
    (d) 12
    Answer: (c)

30. If the angle of incidence is 40°, then the angle of reflection will be:
    (a) 0°
    (b) 40°
    (c) 20°
    (d) 80°
    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

1	**(a)**	2	**(a)**	3	**(d)**	5	**(a)**	6	**(d)**	7	**(a)**	8	**(a)**	9	**(b)**				
10	**(b)**	11	**(c)**	12	**(a)**	13	**(d)**	14	**(b)**	15	**(c)**	16	**(a)**	17	**(d)**				
19	**(a)**	20	**(b)**	21	**(d)**	22	**(b)**	25	**(a)**	26	**(d)**	27	**(d)**	29	**(a)**				
30	**(b)**	31	**(c)**	34	**(c)**	35	**(d)**	36	**(a)**	37	**(a)**	38	**(d)**	39	**(c)**				
40	**(a)**																		

Mental Ability and Mental Aptitude

4	**(d)**	6	**(b)**	7	**(c)**	8	**(b)**	11	**(b)**	12	**(a)**	13	**(a)**	15	**(b)**				
16	**(a)**	17	**(a)**	22	**(b)**	23	**(d)**	24	**(c)**	25	**(a)**	26	**(c)**	27	**(b)**				
28	**(c)**	30	**(c)**																

Science and Simple Arithmetic

3	**(b)**	4	**(a)**	5	**(d)**	8	**(a)**	9	**(a)**	10	**(d)**	11	**(b)**	12	**(a)**				
13	**(b)**	16	**(d)**	21	**(b)**	22	**(d)**	23	**(d)**	24	**(c)**	25	**(c)**	28	**(c)**				
30	**(b)**																		