PREVIOUS YEAR PAPER

MP Police Constable 2017 — 23 August 2017, Shift 2

MP Police Constable · 23 August 2017 · 03:00 PM

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

Left out of the original paper: 27 (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 23 August 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-2017-23-aug-shift-2/

General Knowledge and Logical Knowledge

1. Founder of the Holkar Dynasty
   (a) Malhar Rao
   (b) Bana Misra
   (c) Baji Rao
   (d) Madhav Peshwa
   Answer: (a)

2. Which state has the longest coastline in India?
   (a) Andhra Pradesh
   (b) Maharashtra
   (c) Gujarat
   (d) West Bengal
   Answer: (c)

3. Which instrument is Ustaad Amjad Ali Khan associated with?
   (a) Sitar
   (b) Veena
   (c) Tabla
   (d) Sarod
   Answer: (d)

4. If IJKLMNO is coded ACTVSRX, then how is MILLION coded?
   (a) SAVVARX
   (b) SAVVAXR
   (c) STAATXR
   (d) SATTARC
   Answer: (b)

5. Kanha National Park is located in
   (a) Bihar
   (b) Tamil Nadu
   (c) Andhra Pradesh
   (d) Madhya Pradesh
   Answer: (d)

6. Where is the automobile industry cluster of Madhya Pradesh?
   (a) Mandideep
   (b) Malanpur
   (c) Maneri
   (d) Pithampur
   Answer: (c)

7. B.R.Ambedkar was born in
   (a) Ujjain
   (b) Mhow
   (c) Shajipur
   (d) Bhojpur
   Answer: (b)

8. The famous holy place, Kedarnath is located in___
   (a) Uttar Pradesh
   (b) Uttarakhand
   (c) Odisha
   (d) Madhya Pradesh
   Answer: (b)

9. The Indira Gandhi National Tribal University is located at
   (a) Katni
   (b) Amarkantak
   (c) Rewa
   (d) Bhopal
   Answer: (b)

10. The major portion of the Mahanadi river basin now lies in _____.
   (a) Uttar Pradesh
   (b) Chhattisgarh
   (c) Madhya Pradesh
   (d) Jharkhand
   Answer: (b)

11. Who is the Vice-President of India?

(a) Najma Heptullah
(b) Hamid Ansari
(c) Venkaiah Naidu
(d) Ram Nath Kovind

Answer: (c)

13. Who is the Chairman of the UPSC?

(a) Vinay Mi al
(b) Archana Nigam
(c) David Syiemlieh
(d) Alka Sirohi

Answer: (c)

14. Who is the Union Minister of Women and Child Development?

(a) Maneka Gandhi
(b) Uma Bharathi
(c) Smri Irani
(d) Nirmala Sitaraman

Answer: (a)

15. Find the odd one out:

2, 4, 10, 15, 26, 35, 50

(a) 35
(b) 15
(c) 50
(d) 4

Answer: (d)

17. In a certain code language, My sweet heart means cel agase xena, Mango is sweet means agase mnkol sey, Mumbai is costly means Bomba sey deara. Which is the word for mango in that code language?

(a) agase
(b) deara
(c) mnkol
(d) xena

Answer: (c)

18. Which is the oldest refinery in India?

(a) Digboi refinery
(b) IOC refinery
(c) Mathura refinery
(d) RIL refinery

Answer: (a)

19. What is the value of x and y when, 39×52 + 278y = y2y3x?

(a) 3, 4
(b) 4, 2
(c) 6, 4
(d) 6, 3

Answer: (c)

20. Complete the series choosing the missing number:

1, 6, 13, 22, 33, _____

(a) 44
(b) 46
(c) 47
(d) 45

Answer: (b)

21. Complete the series choosing the missing number:

6, 11, 21, 36, 56, _____

(a) 81
(b) 51
(c) 42
(d) 91

Answer: (a)

22. Complete the series choosing the missing number:

2, 3, 5, 7, _____, 13, 17

(a) 11
(b) 4
(c) 10
(d) 12

Answer: (a)

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

Statements:

No spoons are plates

All forks are spoons

Conclusions:

I. No forks are plates

II. Some spoons are plates

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

Answer: (b)

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

Statements:

All stars are satellites

Some satellites are planets

Conclusions:

I. Some planets are stars

II. All satellites are planets

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

Answer: (c)

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

Statements:

All sarees are dresses

Some chudidhars are dresses

Conclusions:

I. All dresses are not sarees

II. Some dresses are not chudidhars

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

Answer: (c)

26. _____ has been declared as the cleanest State in India by the NSSO Sanitation Survey conducted in 2015.

(a) U arakhand
(b) Goa
(c) Kerala
(d) Sikkim

Answer: (d)

27. Election Museum is located in

(a) Delhi
(b) Mumbai
(c) Chennai
(d) Kolkata

Answer: (a)

28. The Madhya Pradesh State Industrial Development Corporation was founded in

(a) 1972
(b) 1966
(c) 1965
(d) 1960

Answer: (c)

29. Kathmandu University awarded a honorary doctor of letters (D.Litt) degree to _____ in 2016.
    (a) Narendra Modi
    (b) Pranab Mukherjee
    (c) Karan Singh
    (d) Manmohan Singh
    Answer: (b)

30. National Food Security Act was passed in
    (a) 2005
    (b) 2009
    (c) 2016
    (d) 2013
    Answer: (d)

31. IfREGIME is coded EEIGMR, then how is LAGAAN coded?
    (a) NAAAGL
    (b) NAAGAL
    (c) ALAGNA
    (d) LAAGAN
    Answer: (b)

32. IfINDIA is coded HLAEV, then how is AMERICA co[illegible]?
    (a) ZKBNDWT
    (b) ZKBNDVT
    (c) ZKBMEVT
    (d) ZKBNCWT
    Answer: (a)

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

__bcdbc__dcabd__bcdbc__dc__bd
    (a) c, c, c, c, c
    (b) d, d, d, d, d
    (c) b, b, b, b, b
    (d) a, a, a, a, a
    Answer: (d)

36. Kandla is a sea port of__
    (a) Gujarat
    (b) Tamil Nadu
    (c) Andhra Pradesh
    (d) West Bengal
    Answer: (a)

37. In a certain code language, forak klol loak means tie the knot, klol seda fema means the sharp knife, and loak goak woak means blue neck tie. Which is the word for forak in that code language?

(a) knife
(b) knot
(c) sharp
(d) e

Answer: (b)

38. The first passenger train in India was started in the year

(a) 1853
(b) 1753
(c) 1932
(d) 1850

Answer: (a)

39. 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) KLM
(b) PQR
(c) BCD
(d) NPR

Answer: (d)

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

Statements:

All boys are players

No player is bad

Conclusions:

I. No boy is bad

II. All players are boys

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

Answer: (b)

Mental Ability and Mental Aptitude

7. Abhi and Prem together have Rs. 6,000. After giving Rs. 700 to Abhi, Prem finds that he has 1/3 of the amount Abhi has. If so, then how much money did Prem have in the beginning?

(a) Rs. 400
(b) Rs. 2,200
(c) Rs. 1,600
(d) Rs. 1,000

Answer: (b)

8. Simple interest on Rs. 1200 at 18% per annum for 9 months is:

(a) Rs. 191
(b) Rs. 162
(c) Rs. 108
(d) Rs. 120

Answer: (b)

9. The average of three consecutive numbers is 15. What is the new average when the three numbers are multiplied by 3?

(a) 42
(b) 40
(c) 50
(d) 45

Answer: (d)

10. If 15% of water bill is reduced from the c. .I, then Rs.170 will be the balance to be paid. How much was the original bill?

(a) Rs. 200
(b) Rs. 270
(c) Rs. 170
(d) Rs. 185

Answer: (a)

11. The different between two numbers is 20 % of the larger number. If the smaller number is 20, then the largest number is:

(a) 80
(b) 50
(c) 45
(d) 25

Answer: (d)

13. Raju age after 15 years will be 5 times his age 5 years back, what is the present age of Raju?

(a) 14 years

(b) 15 years

(c) 8 years

(d) 10 years

Answer: (d)

14. Prabhu was 4 times as old as his son 8 years ago. After 8 years, Prabhu will be twice as old as his son. What is the present age of Prabhu?

(a) 40 years

(b) 30 years

(c) 45 years

(d) 35 years

Answer: (a)

15. Yukta gets Rs. 350 to buy fruit and vegetables for her mother. She buys fruit worth Rs. 148. How much money is spent for buying vegetables, if she returns Rs. 42 to her mother?

(a) Rs. 196

(b) Rs. 178

(c) Rs. 202

(d) Rs. 160

Answer: (d)

16. Two angles of a triangle are in the ratio of 3 : 5. If the difference of the angles is 300, how many degrees will the largest angle in the triangle have?

(a) 750

(b) 800

(c) 700

(d) 650

Answer: (a)

17. Forty men can finish building two-fifths of a wall in 20 days. How many more men should be put to work to complete the remaining portion of the wall in the next 20 days?

(a) 40

(b) 80

(c) 20

(d) 60

Answer: (c)

18. The total time taken by two trains to cross each other is 20 seconds. The speed of both the trains is 10 m/s. What is the combined length of both the trains?

(a) 100 m
(b) 200 m
(c) 300 m
(d) 400 m

Answer: (d)

19. A can finish a work in 18 days and B can do the same in 15 days. If A worked for 12 days and leaves the job; then, in how many days can B complete the remaining work single- handedly?

(a) 6 days
(b) 4 days
(c) 7 days
(d) 5 days

Answer: (d)

20. CANCELLED

The difference between the place values of 6 and 5 in the number 326549 is:

(a) 1500
(b) 3500
(c) 900
(d) 2500

Answer: (c)

21. The cost price of a television is Rs. 2400, [illegible]s 20 % below the marked price. If it is sold at a discount of 16 % on the marked price, then, find its marked price, selling price, and profit?

(a) Rs. 4000, Rs. 3520, 6%
(b) Rs. 3000, Rs. 2520, 5%
(c) Rs. 5000, Rs. 6250, 7%
(d) None of the above

Answer: (b)

22. A trader marks his goods at 40 % above the cost price but allows a discount of 25 %. What is his gain percent?

(a) 6 %
(b) 7 %
(c) 5 %
(d) 8 %

Answer: (c)

23. The HCF of 2, 3, and 5 is:

(a) 1
(b) 0
(c) 5
(d) 3

Answer: (a)

24. If 18 % of a number exceed its 14 % by 45, then the number is

(a) 1225
(b) 1275
(c) 1125
(d) 900

Answer: (c)

25. Rahul is ten years younger than Gautam. Ten years hence, the ratio of ages of Rahul and Gautam will 2:3. Find the present age of Rahul.

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

Answer: (a)

26. Two stations A and B are 80 km apart on a straig ne. One train starts from Station A at 7 a.m. and travels towards B at 20 kmph. Another train sta from Station B at 8 a.m. and travels towards A at a speed of 40 kmph. At what time will two ins meet?

(a) 9.05 a.m.
(b) 9.20 a.m.
(c) 8.30 a.m.
(d) 9.00 a.m.

Answer: (d)

28. Find the average.

39, 45, 51, 57, 63 & 69

(a) 58
(b) 57
(c) 54
(d) 55

Answer: (c)

29. A train travels at an average speed of 50 kmph, stopping for 2 min after every 75 km. How long will it take for the train to reach a destination of 600 km from its starting point?

(a) 12 hr 14 min
(b) 12 hr 7 min
(c) 12 hr 21 min
(d) None of the above

Answer: (a)

30. A tyre of a truck has a diameter of 0.5 m. How many revolutions would it make, if it travels 275 m?

(a) 175
(b) 450
(c) 225
(d) 550

Answer: (a)

Science and Simple Arithmetic

9. After spending Rs. 75,000 for remodeling a house, Sania sold the house at a profit of 20%. If the selling price was Rs. 36,00,000; then, how much did she spent to buy it?

(a) Rs. 29,25,000
(b) Rs. 26,53,000
(c) Rs. 28,75,000
(d) Rs. 39,25,000

Answer: (a)

11. Nylon clothes dry up faster than cotton clothes because it:

(a) Is a porous material
(b) Has low degree of water absorption
(c) Has high degree of water absorption
(d) Has good elasticity

Answer: (b)

13. The rear view mirror used in the vehicles is:

(a) Convex mirror
(b) Concave mirror
(c) Plane mirror
(d) Parabolic mirror

Answer: (a)

14. The electric current flows from:
    (a) Positive terminal to negative terminal inside the cell
    (b) Low potential to high potential
    (c) High potential to low potential
    (d) Negative terminal to positive terminal of the cell outside the cell

    Answer: (c)

15. In a box type solar cooker, the part which is responsible for producing greenhouse effect is:
    (a) Glass sheet
    (b) Black coating inside the box
    (c) The vessel in the cooker box
    (d) Plane mirror reflector

    Answer: (a)

20. The low pressure area at the centre of a cyclone is known as the:
    (a) Epicenter
    (b) Fault
    (c) Midpoint
    (d) Eye

    Answer: (d)

21. Kharif crops are also referred to as:
    (a) Winter crops
    (b) Summer crops
    (c) Rainy season crops
    (d) Spring crops

    Answer: (c)

23. Divers wear special suits in order to protect them from:
    (a) Low pressure
    (b) Low temperature
    (c) High temperature
    (d) High pressure

    Answer: (d)

24. Tadpole is the developing stage of:
    (a) Snake
    (b) Butterfly
    (c) Fish
    (d) Frog

    Answer: (d)

25. If the angles of a quadrilateral are in the ratio 2:3:4:6, then its largest angle is:

(a) 172
(b) 154
(c) 138
(d) 144

Answer: (d)

26. If the perimeter of a square is 72 cm, then its area is:

(a) 324 sq cm
(b) 244 sq cm
(c) 288 sq cm
(d) 144 sq cm

Answer: (a)

27. The circumference of a circle of radius 7cm is:

(a) 22cm
(b) 49cm
(c) 54cm
(d) 44cm

Answer: (d)

28. The least number to be multiplied with 231525 to make it a perfect cube is:

(a) 7
(b) 5
(c) 3
(d) 2

Answer: (b)

29. How many cubic blocks of wood of side 20 cm can be cut from a block of wood having dimensions of 2m, 80 cm, and 40 cm?

(a) 50
(b) 100
(c) 80
(d) 60

Answer: (c)

30. Two years ago, a village had 16,000 people. In the coming year the population increased by 10%. But in the next year, if some people had left the village and the population had decreased by 18%, then the present population will be:

(a) 14,532
(b) 18,432
(c) 12,832
(d) 14,432

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 Knowledge and Logical Knowledge

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

Mental Ability and Mental Aptitude

7 **(b)**	8 **(b)**	9 **(d)**	10 **(a)**	11 **(d)**	13 **(d)**	14 **(a)**	15 **(d)**		
16 **(a)**	17 **(c)**	18 **(d)**	19 **(d)**	20 **(c)**	21 **(b)**	22 **(c)**	23 **(a)**		
24 **(c)**	25 **(a)**	26 **(d)**	28 **(c)**	29 **(a)**	30 **(a)**				

Science and Simple Arithmetic

9 **(a)**	11 **(b)**	13 **(a)**	14 **(c)**	15 **(a)**	20 **(d)**	21 **(c)**	23 **(d)**		
24 **(d)**	25 **(d)**	26 **(a)**	27 **(d)**	28 **(b)**	29 **(c)**	30 **(d)**			