PREVIOUS YEAR PAPER

MP Police Constable 2017 — 30 August 2017, Shift 2

MP Police Constable · 30 August 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 30 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-2017-30-aug-shift-2/

General Knowledge and Logical Knowledge

3. Gangtok is the capital of
   (a) Sikkim
   (b) Nagaland
   (c) Meghalaya
   (d) Arunachal Pradesh
   Answer: (a)

4. Among the currently operational Indian satellites, th[illegible] is no
   (a) Jupiter orbiter satellite
   (b) Navigation satellite
   (c) Earth observation satellite
   (d) Communication satellite
   Answer: (a)

5. Which of the following recently received permission from SEBI to exit business?
   (a) Bombay Stock Exchange
   (b) Calcutta Stock Exchange
   (c) Delhi Stock Exchange
   (d) National Stock Exchange
   Answer: (c)

6. Which of these discriminatory taxes did Emperor Akbar abolish in 1564 ?
   (a) Zakat
   (b) Kharaj
   (c) Jiziyah
   (d) None of these
   Answer: (c)

7. Which one of the following services of India Post has permanently been discontinued?

(a) Inland Letter
(b) Postal Life Insurance
(c) Telegram
(d) Speed post

Answer: (c)

8. Which one of the following Articles/Schedules in the Constitution of India deals with Autonomous District Councils ?

(a) Sixth Schedule
(b) Article 370
(c) Article 250
(d) Eight Schedule

Answer: (a)

9. Indian Railways has given a contract to Bansal Group to manage which railway station in Madhya Pradesh?

(a) Habibganj
(b) Nepanagar
(c) Ratlam
(d) Satna

Answer: (a)

10. According the Census 2011, the most populated trict in Madhya Pradesh is

(a) Gwalior
(b) Jabalpur
(c) Bhopal
(d) Indore

Answer: (d)

11. As per Census 2011, the most populous state of the country is_____

(a) Uttar Pradesh
(b) Andhra Pradesh
(c) Rajasthan
(d) Madhya Pradesh

Answer: (a)

12. How many states does India have?

(a) 28
(b) 19
(c) 25
(d) None of the above

Answer: (d)

13. The category of 'Overseas Citizens of India' was entered in the Citizenship Act of India through an amendment in the year_____.

(a) 1996
(b) 2003
(c) 1992
(d) 1986

Answer: (b)

14. The only lady Governor of Madhya Pradesh is

(a) Padmaja Naidu
(b) Sheila Kaul
(c) Sharda Mukherjee
(d) Sarla Grewal

Answer: (d)

15. The Cabinet Committee on Security (CCS) is chaired by?

(a) The Finance Minister
(b) The Defence Minister
(c) The Prime Minister
(d) The Home Minister

Answer: (c)

16. The Light Combat Aircraft (LCA) designed and de oped by HAL is also known as

(a) Suryakiran
(b) Aryabhatta
(c) Tejas
(d) Prakash

Answer: (c)

17. Bhoodan Movement was started by

(a) Vinoba Bhave
(b) Jayaprakash Narayan
(c) Dadabhai Naoroji
(d) Mahatma Gandhi

Answer: (a)

18. Who among the following has not received a Nobel Prize?

(a) Amartya Sen
(b) Mother Teresa
(c) Mahatma Gandhi
(d) CV Raman

Answer: (c)

19. Who is the author of 'The Palace of Illusions'?
    (a) Chetan Bhagat
    (b) Devdutt Patnaik
    (c) Chitra Banerjee Divakaruni
    (d) Arundhati Roy
    Answer: (c)

20. Who was the President of the Constituent Assembly ?
    (a) Sardar Patel
    (b) Rajendra Prasad
    (c) Jawaharlal Nehru
    (d) Dr. B R. Ambedkar
    Answer: (b)

21. Lakshadweep is in the
    (a) Bay of Bengal
    (b) Pacific Ocean
    (c) Indian Ocean
    (d) Arabian Sea
    Answer: (d)

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

Statements:

All guns are rifles

Some pistols are guns

Conclusions:

I. Some pistols are rifles

II. Some guns are rifles
    (a) both conclusion I and II follows
    (b) only conclusion I follows
    (c) only conclusion II follows
    (d) neither conclusion I nor conclusion II follows
    Answer: (b)

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

Statements:

Some rulers are scales

Some scales are straws

Conclusions:

I. Some rulers are straws

II. Some straws are rulers

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

Answer: (d)

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

Statements:

All hens are cocks

Some cocks are chicks

Conclusions:

I. No chick is hen

II. Some hens are chicks

(a) both conclusion I and II follows
(b) either conclusion I or conclusion II follows
(c) only conclusion I follows
(d) only conclusion II follows

Answer: (b)

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

Statements:

All boys are intelligent

Shyam is intelligent

Conclusions:

I. Shyam is a boy

II. All intelligent are boys

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

Answer: (d)

27. Complete the series choosing the missing letters:

ABD, CDF, EFH, _____

(a) GHJ
(b) HIK
(c) IJL
(d) FGI

Answer: (a)

28. What is the probability of one heads in two tosses of a fair coin?

(a) 0.50
(b) 0.25
(c) 0.75
(d) 1.00

Answer: (a)

29. If the 10th of a 30-day month falls on the Monday, what will be the day on 30th?

(a) Tuesday
(b) Wednesday
(c) Monday
(d) Sunday

Answer: (d)

30. If MIRACLE is coded ZVENPYR, then how is JOURNEY coded?

(a) WBHEARL

(b) WBHEALR

(c) QLFIMVB

(d) QLFIMBV

Answer: (a)

31. Four numbers have been given, out of which all except one share some common property and hence are alike, while one is different. Choose the odd one out:

(a) 257

(b) 357

(c) 247

(d) 235

Answer: (c)

32. In a row of children, Deepti is 9th from the left and Kashish is 13th from the right. They exchange their positions and then Deepti becomes 17th from the left. Find the new position of Kashish from the right end of the row?

(a) None of the above

(b) 27th

(c) 21th

(d) 20th

Answer: (c)

33. In a certain code language hil hop hed [illegible] ce and public and nio hil gok means go to police. Which is the word for police in that la[illegible]?

(a) gok

(b) hil

(c) hed

(d) hpo

Answer: (b)

34. In a certain code language, dra sonc fert means win my heart; brip seda sonc means famous heart surgeon. Which is the word for heart in that code language?

(a) brip

(b) sonc

(c) dra

(d) fert

Answer: (b)

35. If MARINE is coded NZTGQB, then how is TAILOR coded?
    (a) UZKJSO
    (b) UZLJRP
    (c) UZKJRO
    (d) UZKJRP
    Answer: (c)

36. Find the odd one out:
    (a) Hot
    (b) Spring
    (c) Autumn
    (d) Summer
    Answer: (a)

37. Complete the series choosing the missing number:

5, 10, 17, 26, 37, _____
    (a) 47
    (b) 50
    (c) 22
    (d) 56
    Answer: (b)

38. Complete the series choosing the missing numb

20, 25, 30, 35, 40, _____
    (a) 75
    (b) 55
    (c) 45
    (d) 60
    Answer: (c)

39. Complete the series choosing the missing number:

2, 8, 64, _____
    (a) 1024
    (b) 1088
    (c) 126
    (d) 640
    Answer: (a)

40. Who built the Moti Masjid in Red Fort at Delhi ?

(a) Aurangzeb

(b) Akbar

(c) Humayun

(d) Shah Jahan

Answer: (a)

Mental Ability and Mental Aptitude

4. The age of two persons differ by 10 years. If 4 years ago, the elder one was twice as old as the younger one. Find the present age of the younger one.

(a) 16

(b) 14

(c) 12

(d) 8

Answer: (b)

7. From a container of milk, 10 % of the milk is replaced by water. This is repeated thrice. At the end of the third replacement, what percentage of pure milk is present in the mixture?

(a) 73 %

(b) 70 %

(c) 80 %

(d) 30 %

Answer: (a)

8. The price of sugar is reduced by 4 %. How many kgs of sugar now can we buy for the money which was sufficient to buy 18 kgs of sugar earlier?

(a) 18 kg

(b) 18.25 kg

(c) 18.75kg

(d) 18.5 kg

Answer: (c)

9. Three pipes can empty a tank in 10 hrs. How many pipes are required to empty the tank in 2 hrs?

(a) 18

(b) 6

(c) 10

(d) 15

Answer: (d)

11. Ram bought six mangoes from a vendor, who was selling them at the rate of Rs. 2 for three of them. Ram in turn sells them at the rate of Rs. 3 for two mangoes. What is the cost price and selling price of the six mangoes?

(a) 2, 7
(b) 5, 10
(c) 4, 9
(d) 3, 8

Answer: (c)

13. If sides of an equilateral triangle is increased by 20%, then by how much will the area of the triangle increase?

(a) 40%
(b) 44%
(c) 48%
(d) 20%

Answer: (b)

14. By selling a watch at Rs. 840 a person loses 4 %. Find the gain or loss if he sold it for Rs. 875?

(a) Gain of Rs. 7.25
(b) No profit, no loss
(c) Loss of Rs. 1.00
(d) Loss of Rs. 2.50

Answer: (b)

15. What is the difference between the place value of 8 and 5 in 1398653?

(a) 3
(b) 2
(c) 990
(d) 497

Answer: (c)

17. Find the average of first 11 multiples of 9?

(a) 54
(b) 52
(c) 45
(d) 60

Answer: (a)

18. Find the sum of the series:1 + 2 + 3 + 4 + 5 .....89 + 90

(a) 4095
(b) 3868
(c) 3260
(d) 4325

Answer: (a)

19. A man starts walking towards sunrise. He walks for 5 km, and then turns right and walks for another 3 km. He turns right and then walks for 4 km. Finally, he takes a right turn and travels 1 km. Which of the following directions, is he facing now?

(a) West
(b) East
(c) South
(d) North

Answer: (d)

20. I have a money purse containing Rs. 700. There are an equal number of 25 Paise coins, 50 Paise coins and 1 Rupee coins. How many coins do I have of each of them?

(a) 455
(b) 450
(c) 400
(d) 390

Answer: (c)

22. Find the average.

4, 8, 16, 24, 32 & 42

(a) 20
(b) 24
(c) 21
(d) 22

Answer: (c)

23. The ra o of the ages of a father and his son is ɒ : 1. Twenty years hence, the ra o becomes 2 : 1. What is the sum of father's and son's current ages?

(a) 50
(b) 60
(c) 55
(d) 35

Answer: (d)

24. Five years ago, if the total of the ages of a father and his son was 40 years, and the ra o of their present ages is 4 : 1, then, what is the present age of the father?

(a) 40years
(b) 50 years
(c) 35 years
(d) 45years

Answer: (a)

28. A is two years older than B who is twice as old as C. If the total of the ages of A, B and C be 27, then how old is B?

(a) 10 years
(b) 9 years
(c) 7 years
(d) 8 years

Answer: (a)

Science and Simple Arithmetic

5. Which of the following quadrilateral is NOT a parallelogram?

(a) Square
(b) Rectangle
(c) Rhombus
(d) Kite

Answer: (d)

6. Two parallel lines are intersected by a transversal, the corresponding angles are:

(a) Not same
(b) Are equal
(c) Sum of the angles is 180
(d) One is double the other

Answer: (b)

7. In how many years will Rs. 4000 amount to Rs. 5[illegible]4 at a rate of 10% compounded annually? / 10%

(a) 5 years
(b) 3 years
(c) 2 years
(d) 4 years

Answer: (b)

8. What is the smallest number that must be multiplied by 385875 to make it a perfect cube?

(a) 7
(b) 5
(c) 3
(d) 13

Answer: (c)

9. The area of a rectangular field is 836 sq cm. One of its side is 22 cm, then its perimeter is:

(a) 100 cm
(b) 200 cm
(c) 400 cm
(d) 120 cm

Answer: (d)

10. The base area of a right circular cylinder is 40 sq cm and its height is 5 cm, then its volume is:
    (a) 256 cu cm
    (b) 184 cu cm
    (c) 200 cu cm
    (d) 245 cu cm
    Answer: (c)

11. The total angle in a quadrilateral is:
    (a) 360
    (b) None of the above
    (c) 180
    (d) 540
    Answer: (a)

12. The market price of a cycle is Rs. 3700 and its discount rate is 10% , then its selling price is:
    (a) Rs. 3500
    (b) Rs. 3210
    (c) Rs. 3000
    (d) Rs. 3330
    Answer: (d)

13. The coil of wire used in electric heaters is called *a* _____.
    (a) filament
    (b) cell
    (c) battery
    (d) element
    Answer: (d)

14. Amit is now 20 years old and Leela is 4 years old. In how many years will Amit be twice as old as Leela?
    (a) 8 years
    (b) 12 years
    (c) 10 years
    (d) 11 years
    Answer: (b)

20. The largest phylum of animal kingdom is:
    (a) Coelenterata
    (b) Arthropoda
    (c) Annelida
    (d) Protozoa
    Answer: (b)

23. The acid released in the stomach to help diges on is:
    (a) Hydrochloric acid
    (b) Lac c acid
    (c) Sulphuric acid
    (d) Citric acid
    Answer: (a)

24. Decrease in rainfall is due to:
    (a) Global warming
    (b) Afforestation
    (c) Soil erosion
    (d) Soil conservation
    Answer: (a)

25. A suspended bar magnet is rotated. It will come to rest in the north-south direction. This shows that the earth has its own_____.
    (a) electric field
    (b) magnetic field
    (c) gravitational field
    (d) atmosphere
    Answer: (b)

26. If the area of a circle is 154 sq cm, then its circur ence is:
    (a) 44 cm
    (b) 7 cm
    (c) 49 cm
    (d) 21 cm
    Answer: (a)

27. Nitrogen is used to flush food items to remove_____.
    (a) chlorine
    (b) oxygen
    (c) hydrogen
    (d) water
    Answer: (b)

29. The planet Venus rotates from:
    (a) West to East
    (b) East to North
    (c) East to West
    (d) North to South
    Answer: (c)

30. It is raining heavily and Sonam wishes to reach her home from the garden. The path on which she is LEAST likely to slip is the one lined with:

(a) Loose soil

(b) Gravel

(c) Polished marble

(d) Cement

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

3 **(a)**	4 **(a)**	5 **(c)**	6 **(c)**	7 **(c)**	8 **(a)**	9 **(a)**	10 **(d)**		
11 **(a)**	12 **(d)**	13 **(b)**	14 **(d)**	15 **(c)**	16 **(c)**	17 **(a)**	18 **(c)**		
19 **(c)**	20 **(b)**	21 **(d)**	23 **(b)**	24 **(d)**	25 **(b)**	26 **(d)**	27 **(a)**		
28 **(a)**	29 **(d)**	30 **(a)**	31 **(c)**	32 **(c)**	33 **(b)**	34 **(b)**	35 **(c)**		
36 **(a)**	37 **(b)**	38 **(c)**	39 **(a)**	40 **(a)**					

Mental Ability and Mental Aptitude

4 **(b)**	7 **(a)**	8 **(c)**	9 **(d)**	11 **(c)**	13 **(b)**	14 **(b)**	15 **(c)**		
17 **(a)**	18 **(a)**	19 **(d)**	20 **(c)**	22 **(c)**	23 **(d)**	24 **(a)**	28 **(a)**		

Science and Simple Arithmetic

5 **(d)**	6 **(b)**	7 **(b)**	8 **(c)**	9 **(d)**	10 **(c)**	11 **(a)**	12 **(d)**		
13 **(d)**	14 **(b)**	20 **(b)**	23 **(a)**	24 **(a)**	25 **(b)**	26 **(a)**	27 **(b)**		
29 **(c)**	30 **(b)**								