PREVIOUS YEAR PAPER

MP Police Constable 2016 — 24 July 2016, Shift 3

MP Police Constable · 24 July 2016 · 03:00 PM

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

Left out of the original paper: 44 (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 24 July 2016, 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-2016-24-jul-shift-3/

General and Logical Knowledge

2. In the following question, there is certain relationship between the first two terms. Choose the fourth term from the following options which has a similar kind of relation with the third term.

Air : Atmosphere ::Water : ?

(a) Island
(b) Earth
(c) Ocean
(d) Drop

Answer: (c)

4. Which bird is considered as the state symbol (Bird) of Madhya Pradesh ?

(a) Asian Paradise Flycatcher
(b) Great Hornbill
(c) Indian Roller
(d) Great Indian Bustard

Answer: (a)

5. A courier agent has to deliver post in 3 streets. Each street has 5 houses. He takes 2 min to deliver letter in each house and 5min to travel between each house in each street. He takes 20 min to go to the next street. His day starts at 10 AM and finishes off by 3 PM, with no break in between.

If all houses on 3 streets have to be delivered letter, then at what time should he start such that he finishes off delivering in these streets at 3PM?

(a) 11.35 AM
(b) 12.40 AM
(c) 12.50 PM
(d) 1.25 PM

Answer: (c)

6. _____was born in Barwani, Madhya Pradesh and is the former Chairman of the Atomic Energy Commission of India?

(a) R K Sinha
(b) Anil Kakodkar
(c) Shekar Basu
(d) H N Sethna

Answer: (b)

7. Baz Bahadur's Palace is found in _____.

(a) Ranod
(b) Mandu
(c) Sondhani
(d) Sadalpur

Answer: (b)

9. In which American city did Swami Vivekananda deliver his famous speech at the parliament of religions

(a) New York
(b) Chicago
(c) California
(d) Los Angeles

Answer: (b)

10. Which was the permanent capital of the Hoysala

(a) Belur
(b) Somnathpur
(c) Shravanbeagola
(d) Halebidu

Answer: (d)

11. Garos are the tribe of ____.

(a) Assam
(b) Manipur
(c) Mizoram
(d) Meghalaya

Answer: (d)

12. The second highest civilian honour in India is

(a) Bharat Ratna
(b) Padma Bhushan
(c) Padma Vibhushan
(d) Padma Shri

Answer: (c)

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

Statements:

Some sandals are shoes

Some shoes are gloves

Conclusions:

I. No glove is sandal

II. Some sandals are gloves

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follows
(d) None of the conclusion I or II follows

Answer: (d)

15. This mathematician was famous for very fast calculation skills.

(a) Shakuntala Devi
(b) Ramanujan
(c) Rina Panigrahi
(d) S N Bose

Answer: (a)

17. When and where was the National Library o[illegible] inaugurated and opened to public?

(a) Mumbai,1950
(b) New Dehli,1951
(c) Kolkata,1948
(d) Kolkata,1953

Answer: (d)

18. Who was the first viceroy of India?

(a) Lord Canning
(b) Lord Elgin
(c) Lord John Lawrence
(d) Lord Hardings

Answer: (a)

20. M is taller than S who is shorter than R. V is taller than M. Who is the tallest?

(a) V
(b) M
(c) S
(d) R

Answer: (a)

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

Statements:

All tomatoes are vegetables

Some vegetables are fruits

Conclusions:

I. Some tomatoes are fruits

II. Some fruits are tomatoes

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follows
(d) None of the conclusion I or II follows

Answer: (d)

22. The play "Meghadutam" was written by

(a) Kalidasa
(b) Tulsidas
(c) Bhasa
(d) Bhairava

Answer: (a)

23. What was the real name of Swami Vivekan

(a) Vishnu Dutt
(b) Ram Krishna
(c) Adityanath
(d) Narendranath Dutta

Answer: (d)

25. A car was moving towards north-east direction. The driver after taking 90 degree left turn took a road that was at 45 degrees to his left. Which direction the car is heading now?

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

Answer: (b)

28. In the following question, four words are given, out of which three are same in certain way and the remaining one is different. Find out the different one.

(a) Teacher
(b) Principal
(c) Student
(d) Professor

Answer: (c)

30. What is the type of erosion that occurs in the rivers in Madhya Pradesh which removes the top layer of the soil forming deep channels called?

(a) Stratified Erosion
(b) Gully Erosion
(c) Sheet Erosion
(d) Ravines

Answer: (b)

31. 'Tree' is related to 'sapling' in the same way as 'woman' is related to

(a) Off-spring
(b) Father
(c) Girl
(d) Flower

Answer: (c)

32. If Monday means a lousy day, and it's a lousy d oday, then it's Monday.

(a) True
(b) False
(c) May be
(d) Irrelevant

Answer: (c)

35. Which one of the following major sea ports is without a natural harbour?

(a) Mumbai
(b) Paradeep
(c) Marmagao
(d) Visakhapatnam

Answer: (b)

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

Statements:

All triangles are angles.

No angle is a line.

Conclusions:

I. Some angles are triangles.

II. Some lines are triangles.

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follows
(d) None of the conclusion I or II follows

Answer: (a)

37. Who was the last non-Indian to have been awarded the Bharat Ratna?

(a) Lord Mountbatten
(b) Mother Teresa
(c) Khan Abdul Ghaffar Khan
(d) Nelson Mandela

Answer: (d)

39. The Constitution (One Hundredth Amendment) Act provides for exchange of territories between India and

(a) Nepal
(b) China
(c) Bhutan
(d) Bangladesh

Answer: (d)

40. Who is the first former Chief Justice of the Supreme Court to be appointed as the Governor of a State?

(a) P Sathasivam
(b) J S Verma
(c) V N Khare
(d) R C Lahoti

Answer: (a)

Mental Ability and Mental Aptitude

2. If TELEVISION is coded as VELETISION, how is SUBSTITUTION coded?

(a) SUBSTINOITUT
(b) SUBITSTUTION
(c) ITSBUSTUTION
(d) ITSBUSNOITUT

Answer: (c)

4. The below series uses a sequence of alphabets and numbers. Identify the incorrect combination:

(i) ZY23Q5BQ9

(ii) ZY23Q5BQ9

(iii) ZY23O5BQ9

(iv) ZY23Q5BQ9

(a) i
(b) ii
(c) iii
(d) iv

Answer: (c)

6. A shoe company sold 50 pairs of shoes costing Rs 9.50 each for Rs. 10,000.What is the profit?

(a) Rs. 625
(b) Rs. 525
(c) Rs. 425
(d) Rs. 325

Answer: (b)

8. A publisher gives his distributor a discount of 30% on the printed price of the books. The distributor sells these books to a bookseller at 20% discount on the printed price & the bookseller sells these books at the marked price. Calculate the profit percentage made by the distributor?

(a) 15 2/7%
(b) 14 2/7%
(c) 13 2/7%
(d) 12 2/7%

Answer: (b)

9. In a certain code language, wela sela tela means hot water bath, jela wela nela means cold rain water, and nela nala pala means heavy rain fall. Which is the word for jela in that code language?

(a) cold
(b) water
(c) hot
(d) fall

Answer: (a)

11. In the following question, one term in the number series is wrong. Find out the wrong term.

5,9,17,30,45

(a) 30
(b) 45
(c) 5
(d) 17

Answer: (a)

12. CANCELLED

If Rs. 2800 is the 2

(a) 8
(b) 9
(c) 10
(d) 12

Answer: (b)

14. Complete the series choosing the missing number:

2,5,8_____,14,17

(a) 9
(b) 10
(c) 12
(d) 11

Answer: (d)

16. A train covers a distance of 10km in 12 minutes, If its speed is decreased by 10 km same distance will be

(a) 18 min
(b) 14 min
(c) 15 min
(d) 16 min

Answer: (c)

17. CANCELLED

In throwing of a dice, what is the probability of getting 4?

(a) 5/6
(b) 2/3
(c) 1/6
(d) 1/3

Answer: (c)

18. Find the value of 4P3

(a) 4
(b) 6
(c) 3
(d) 1

Answer: (a)

21. In a certain code, TRIPPLE is written as SQHOOKD, how is 'PEOPLE' written in that code?

(a) ODBOMD
(b) ODPOKD
(c) ODNOKD
(d) OFNOKD

Answer: (c)

24. Complete the series choosing the missing number:

1,4,9,__25,36,

(a) 16
(b) 15
(c) 20
(d) 14

Answer: (a)

25. The average of first five primes numbers is

(a) 5
(b) 5.8
(c) 6.0
(d) 5.6

Answer: (d)

26. CANCELLED

A crosses a bridge at a speed of 5 km

(a) 100 m
(b) 900 m
(c) 750 m
(d) 1250 m

Answer: (a)

28. Two dice are thrown simultaneously. The probability of a total of 12 is

(a) 1/18
(b) 1/12
(c) 1/9
(d) 1/36

Answer: (d)

Science and Simple Arithmetic

3. If a number is divided by 5, remainder is 1. If the same number is divided by 2, remainder is 0. Then the last digit of the number is _____

(a) 6
(b) 7
(c) 2
(d) 5

Answer: (a)

5. The area of a rectangle with length 'l' and width 'b' is_____

(a) 2 (l + b)
(b) 1/2 * l * b
(c) l*b
(d) l+b

Answer: (c)

7. Choose the statement that is wrong

(a) Percolation rate of water is different in different types of soil
(b) Percolation is highest in sandy soil
(c) Percolation damages plant roots
(d) Percolation is least in clayey soil

Answer: (c)

8. Which of the following numbers is divisible by 9?

(a) 19725462
(b) 36870521
(c) 51372185
(d) 639918272

Answer: (a)

13. Two concentric circles are of radii 5 cm and 3 cm. Find the length of the chord of the larger circle which touches the smaller circle.

(a) 3 cm
(b) 4 cm
(c) 5 cm
(d) 8 cm

Answer: (d)

14. Heating milk to 70 degree Celsius and suddenly chilling it is_____

(a) Preservation
(b) Pasteurization
(c) Packing
(d) Pulverization

Answer: (b)

17. Top soil in the A horizon is generally dark in colour because
    (a) It is the topmost layer
    (b) It contains all the waste materials
    (c) It is rich in humus and minerals
    (d) It contains water

    Answer: (c)

23. The white light is split inot seven colours by a
    (a) Mirror
    (b) Lens
    (c) Prism
    (d) Glass

    Answer: (c)

25. Underground water reservoirs are called
    (a) rocks
    (b) aquifers
    (c) roots
    (d) A and B

    Answer: (b)

26. MCB are switches which
    (a) Completes the circuit
    (b) Supplies current
    (c) Controls the switch
    (d) Automatically turn off when current in a circuit exceeds safe limit

    Answer: (d)

27. The movement of cool air from the land towards the sea during night is called
    (a) Air currents
    (b) Convection current
    (c) Land breeze
    (d) Sea breeze

    Answer: (c)

28. Biogas is produced from waste water with the help of
    (a) Anaerobic bacteria
    (b) Aerobic bacteria
    (c) Aerobic and anaerobic bacteria
    (d) Fungus

    Answer: (a)

29. Name the smaller parts of an organ of a plant
    (a) Organism
    (b) Tissues
    (c) Organelles
    (d) Cells
    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 and Logical Knowledge

2	**(c)**	4	**(a)**	5	**(c)**	6	**(b)**	7	**(b)**	9	**(b)**
10	**(d)**	11	**(d)**	12	**(c)**	14	**(d)**	15	**(a)**	17	**(d)**
18	**(a)**	20	**(a)**	21	**(d)**	22	**(a)**	23	**(d)**	25	**(b)**
28	**(c)**	30	**(b)**	31	**(c)**	32	**(c)**	35	**(b)**	36	**(a)**
37	**(d)**	39	**(d)**	40	**(a)**						

Mental Ability and Mental Aptitude

2	**(c)**	4	**(c)**	6	**(b)**	8	**(b)**	9	**(a)**	11	**(a)**
12	**(b)**	14	**(d)**	16	**(c)**	17	**(c)**	18	**(a)**	21	**(c)**
24	**(a)**	25	**(d)**	26	**(a)**	28	**(d)**				

Science and Simple Arithmetic

3	**(a)**	5	**(c)**	7	**(c)**	8	**(a)**	13	**(d)**	14	**(b)**
17	**(c)**	23	**(c)**	25	**(b)**	26	**(d)**	27	**(c)**	28	**(a)**
29	**(b)**										