PREVIOUS YEAR PAPER

MP Police Constable 2016 — 7 August 2016, Shift 1

MP Police Constable · 7 August 2016 · 09:00 AM

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

Left out of the original paper: 40 (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 7 August 2016, 09:00 AM. 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-2016-7-aug-shift-1/

General and Logical Knowledge

1. Rohit is seventeenth from the left end of a row of 29 boys and Karan is seventeenth from the right end in the same row. How many boys are there between them in the row?

(a) 3
(b) 5
(c) 6
(d) Data inadequate

Answer: (a)

4. Which is the largest minerals producing state in In /

(a) Bihar
(b) West Bengal
(c) Jharkhand
(d) Karnataka

Answer: (c)

5. If A + B means A is the father B and B+C means B is the daughter of C, how is C related to A?

(a) C is the daughter of A
(b) C is the sister of A
(c) C is the wife of A
(d) C is the son of A

Answer: (c)

6. Which one of these is a port on the western coastline of India?

(a) Marmagoa
(b) Paradeep
(c) Tuticorin
(d) Ennore

Answer: (a)

7. Kanchan Ghat is located across river_____.

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

Answer: (c)

8. Jhelum, Chenab and Ravi are tributaries of _____.

(a) Indus
(b) Ganga
(c) Brahmaputra
(d) Krishna

Answer: (a)

10. The Attorney-General of India is appointed by

(a) The Chief Justice of India
(b) The President
(c) The Vice-President
(d) The Prime Minister

Answer: (b)

12. Select the statement that is the negation of the sta ment "Some poems don't make sense."

(a) Some poets don't make sense.
(b) No poems make sense.
(c) Some poems make sense.
(d) All poems make sense.

Answer: (d)

16. Which one of these is the oldest dams constructed in 1010-1053 AD?

(a) Barna Dam
(b) Gandhisagar Dam
(c) Cyclopean Dam
(d) Tawa Dam

Answer: (c)

18. The Supreme Commander of the Armed Forces is

(a) Field Marshal
(b) Chief of the Army Staff
(c) The President
(d) Prime Minister

Answer: (c)

21. Vikas is taller than Sham but shorter than Umesh. Umesh is taller than Rajat but shorter than Ganesh. If Shyam is taller than Rajat who is the shortest among all?

(a) Ganesh
(b) Umesh
(c) Rajat
(d) Vikas

Answer: (c)

23. Kaziranga tiger reserve is in

(a) Arunachal Pradesh
(b) Bengal
(c) Assam
(d) Jharkand

Answer: (c)

24. Who acts as the President of India when neither the President nor the Vice-President is available?

(a) Speaker of Lok Sabha
(b) Chief Justice of India
(c) Auditor General of India
(d) Senior most Governor of a state

Answer: (b)

25. Who has been awarded Rajiv Gandhi Khel Ratna Award – 2013-14

(a) M.C. Mary Kom
(b) Vijendra Singh
(c) Sushil Kumar
(d) None of the above

Answer: (d)

26. Find the word that represents the category of the following three words.

Cap, Coat, Trousers

(a) Smart
(b) Shirt
(c) Dress
(d) Tailor

Answer: (c)

27. 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.

K/T : 11/20 : : J/R : ?

(a) 10/8
(b) 10/18
(c) 5/9
(d) 11/19

Answer: (b)

28. 28)

The major city that Kshipra passes through is___.

(a) Ujjain
(b) Morena
(c) Gwalior
(d) Sagar

Answer: (a)

29. The Tawa Reservoir is nestled between the

(a) Satpura national park and the Bani Sanctuary
(b) Kolar and the Halahi dam
(c) Rani Avantibai Sagar and the Sukta Sagar
(d) Vyarma and Barna rivers

Answer: (a)

30. Anil remembers that his father's birthday falls after 15th of Jan but after 18th of Jan , Dolly the sister of Anil, remembers that her father's birthday falls on any day between 16th of Jan and 19th of Jan. Find out on what date the birthday of Anil's father will fall.

(a) 16th Jan
(b) 19th Jan
(c) 17th Jan
(d) 18th Jan

Answer: (c)

32. Who among the following got the 'Bharat Ratna' award, before becoming the President of India?

(a) R.Venkataraman
(b) Dr. Rajendra Prasad
(c) Dr. Zakir Hussain
(d) V.V. Giri

Answer: (c)

33. Humayun's Tomb is located at
    (a) Fatehpur Sikhri
    (b) Agra
    (c) Delhi
    (d) Hyderabad

    Answer: (c)

34. Who wrote the book 'Why Socialism'?
    (a) Mahatma Gandhi
    (b) Jawaharlal Nehru
    (c) Jayaprakash Narayan
    (d) Bal Gangadhara Tilak

    Answer: (c)

35. CANCELLED

Indore is in the meeting place of rivers_____.
    (a) Narmada and Tapti
    (b) Sindu and Shipra
    (c) Shipra and Ken
    (d) Kanha and Saraswati

    Answer: (d)

37. Who wrote "Mother India"?
    (a) Lala Lajpat Rai
    (b) Miss Katharine Mayo
    (c) M.K. Gandhi
    (d) Pt. Jawarharlal Nehru

    Answer: (b)

38. Which religion did Ashoka convert to towards the later part of his life?
    (a) Bahaism
    (b) Jainism
    (c) Sikhism
    (d) Buddhism

    Answer: (d)

39. If mobile phone is turned on, then if someone cries then the rotator rotates. The rotator is stationary and someone cried, then phone must be turned off.
    (a) True
    (b) False
    (c) Maybe
    (d) Irrelevant

    Answer: (a)

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

Statements:

All roses are lilies

Some roses are red

Conclusions:

I. Some lilies are red

II. Some red are lilies

(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: (c)

Mental Ability and Mental Aptitude

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

(a) 72
(b) 90
(c) 10
(d) 150

Answer: (d)

3. The sum of three numbers is 672 and these numbers are in the ratio of 5:4:7. What is the third number?

(a) 604
(b) 394
(c) 494
(d) 294

Answer: (d)

4. On selling tea at Rs. 40 per kg, loss of 10% is incurred. Calculate the amount of tea sold, if the total loss is 80?

(a) 20kg
(b) 19kg
(c) 18kg
(d) 17kg

Answer: (c)

7. If STARE is coded as 68234 and VAIN is coded as 5291, how will RAVINE be coded?

(a) 326918
(b) 325914
(c) 328514
(d) 238154

Answer: (b)

9. The length of the bridge, which a train 210m long and traveling at 50kmph can cross in 27sec is

(a) 200 m
(b) 180 m
(c) 175 m
(d) 165 m

Answer: (d)

10. 40% of the girls in a class are NCC cadets. The class has 50 students. Girls from 30% of the class. How many girl NCC cadets are there?

(a) 20
(b) 15
(c) 6
(d) 35

Answer: (c)

11. CANCELLED

A pipe can fill a tank thrice as fast as anoth[illegible]ipe [illegible]oth are opened together then the tank is fill in 36 min. The faster pipe alone can fill the tank.

(a) 24 min
(b) 28 min
(c) 30 min
(d) 35 min

Answer: (a)

13. What is the average of first five multiples of 3?

(a) 3
(b) 9
(c) 12
(d) 6

Answer: (b)

14. If 6x+10y=58 and x+y=8, the value of x & y are

(a) 5.5, 2.5
(b) 5,2
(c) 1,0
(d) None of these

Answer: (a)

15. If alphabets are encrypted as numbers, which one of the following is the value of H+B+F?

(a) 20
(b) 16
(c) 17
(d) 15

Answer: (b)

17. In a certain code language RADIO is coded as SBEJP then in that language TELEPHONE is coded as:

(a) UFMFQIPOF
(b) UFMFQIPMF
(c) UDMDQIPOF
(d) UFMFQIPOD

Answer: (a)

22. Complete the series choosing the missing letter:

C, __, I, L, O, R,

(a) F
(b) E
(c) G
(d) H

Answer: (a)

23. CANCELLED

The cost of an article is Rs 9504 after getting 15% discount. What is the original price in Rupees?

(a) 10700
(b) 10900
(c) 10850
(d) 10800

Answer: (d)

24. Find the odd one out

2, 3, 5, 7, 9, 13

(a) 5
(b) 13
(c) 7
(d) 9

Answer: (d)

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

(i) X9885Y32032

(ii) X9845Y32032

(iii) X9845Y32032

(iv) X9845Y32032

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

Answer: (a)

30. Complete the series choosing the missing number:

1, 2, 5, 10, 17, ____

(a) 21
(b) 19
(c) 26
(d) 29

Answer: (c)

Science and Simple Arithmetic

1. Budding, Binary fission, Multiple fission etc a. pes of _____

(a) Sexual reproduction
(b) Asexual reproduction
(c) Fertilisation
(d) Metamorphosis

Answer: (b)

3. The poisonous gas produced from incomplete burning of fossil fuel is

(a) Oxygen
(b) Hydrogen
(c) Carbon dioxide
(d) Carbon monoxide

Answer: (d)

6. A magnifying glass is a

(a) Convex lens
(b) Concave mirror
(c) Concave lens
(d) Convex mirror

Answer: (a)

8. Sliding friction is always

(a) less than rolling friction

(b) greater than rolling friction

(c) equal to rolling friction

(d) greater than static friction

Answer: (b)

9. You must complete the course of antibiotics, prescribed by the doctor. Why is this statement important?

(a) Doctors are authorities in prescribing medicines

(b) Wrong doses can make the person resistant to that antibiotic

(c) Antibiotics should not be wasted

(d) Useful bacteria may not grow

Answer: (b)

11. Mercury is used in thermometer because it

(a) Does not stick to the glass

(b) It expands uniformly

(c) It is silvery white and can be seen clearly

(d) All of the above

Answer: (d)

12. The value of (53)-4 is _____

(a) 5-12

(b) 5-1

(c) 5-0.75

(d) 512

Answer: (a)

14. Which of the following statements is true?

(a) logxx = 0, for all values of x

(b) loga(xy) = logax + logay

(c) logax = logbx, for all values of a and b

(d) loga(xp) = a logpx

Answer: (b)

16. In an examination, there are 3 papers of mathematics of 100 marks each. A girl secures 70% in the first paper and 80% in the second paper. In order to secure 80% in the aggregate the percentage of marks she should secure in the third paper will be:

(a) 90%

(b) 80%

(c) 75%

(d) 70%

Answer: (a)

17. If 7 : x = 17.5 : 22.5, then the value of x is:

(a) 6
(b) 9
(c) 5.5
(d) 7.5

Answer: (b)

19. Which among the following options is not true for a Chemical change ?

(a) Generally there is an energy change after the reaction.
(b) Properties of products are different from properties of reactants.
(c) Most of the chemical changes are irreversible.
(d) No new substances are formed.

Answer: (d)

20. In extreme cold countries people do not wear just sweaters but they wear layers of warm clothing. This is done because

(a) Friction between the layers of clothing produces heat.
(b) Air trapped between the layers of clothing is a bad conductor of heat.
(c) Wool used to knit sweater is a conductor of heat.
(d) Air trapped between layers of clothing is a good conductor of heat

Answer: (b)

22. Which of the following pair of teeth help in chew and grinding the food?

(a) Canines and incisors
(b) Molars and premolars
(c) Incisors and molars
(d) Premolars and canines

Answer: (b)

23. Stainless steel vessels with copper bottom is preferred for cooking because

(a) Copper bottom makes them durable.
(b) It enhances taste of the food
(c) Copper is better conductor of heat than the stainless steel.
(d) Copper is easier to clean than the stainless steel.

Answer: (c)

25. Why is Silver used in making mirrors, which we all use in the dressing room of our homes ?

(a) because Silver is more malleable and ductile and shines.
(b) because Silver is cheaper than gold and readily available.
(c) because the surface of Silver is a good reflector of light
(d) because Silver does not react with air and water.

Answer: (c)

28. Metallic rocks are called
    (a) Gangue
    (b) Slag
    (c) Flux
    (d) Ores
    Answer: (d)

30. To prepare a conducting liquid, which of the following should be added to distilled water?
    (a) Alcohol
    (b) Honey
    (c) Acid or base
    (d) Sugar
    Answer: (c)

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

1	**(a)**	4	**(c)**	5	**(c)**	6	**(a)**	7	**(c)**	8	**(a)**
10	**(b)**	12	**(d)**	16	**(c)**	18	**(c)**	21	**(c)**	23	**(c)**
24	**(b)**	25	**(d)**	26	**(c)**	27	**(b)**	28	**(a)**	29	**(a)**
30	**(c)**	32	**(c)**	33	**(c)**	34	**(c)**	35	**(d)**	37	**(b)**
38	**(d)**	39	**(a)**	40	**(c)**						

Mental Ability and Mental Aptitude

2	**(d)**	3	**(d)**	4	**(c)**	7	**(b)**	9	**(d)**	10	**(c)**
11	**(a)**	13	**(b)**	14	**(a)**	15	**(b)**	17	**(a)**	22	**(a)**
23	**(d)**	24	**(d)**	29	**(a)**	30	**(c)**				

Science and Simple Arithmetic

1	**(b)**	3	**(d)**	6	**(a)**	8	**(b)**	9	**(b)**	11	**(d)**
12	**(a)**	14	**(b)**	16	**(a)**	17	**(b)**	19	**(d)**	20	**(b)**
22	**(b)**	23	**(c)**	25	**(c)**	28	**(d)**	30	**(c)**		