PREVIOUS YEAR PAPER

MP Police Constable 2016 — 5 August 2016, Shift 1

MP Police Constable · 5 August 2016 · 09:00 AM

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

Left out of the original paper: 47 (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 5 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-2016-5-aug-shift-1/

General and Logical Knowledge

1. 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.

FED : MKI : : PON : ?

(a) WUS
(b) IHG
(c) MNO
(d) SRQ

Answer: (a)

2. On which river is the Cyclopean Dam

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

Answer: (d)

3. Thalghat pass is between Mumbai and

(a) Numbai
(b) Pune
(c) Byculla
(d) Thane

Answer: (b)

5. Who among the following has been nominated by BCCI for the Rajiv Gandhi Khel Ratna Award for year 2016?

(a) Sania Mirza
(b) Mahendra Singh Dhoni
(c) Virat Kohli
(d) Saina Nehwal

Answer: (c)

8. By the confluence of which rivers is the Mandhar waterfall formed?
   (a) Chambal and Narmada
   (b) Narmada and Tawa
   (c) Narmada and Tapti
   (d) Chambal and Tapti
   Answer: (b)

9. There is no provision in the Constitution for the impeachment of -
   (a) The Chief Justice of the High Court
   (b) The Chief Justice of India
   (c) The Governor
   (d) The Vice-President
   Answer: (c)

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

Statements:

No breads are butter.

No buns are bread.

Conclusions:

I. All buns are butter.

II. Some bread are butter
   (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)

11. The tallest victory tower in India is
   (a) Qutub Minar
   (b) Fateh Burj
   (c) Chand Minar
   (d) Iswari Minar
   Answer: (b)

12. The Chairman of the Rajya Sabha is -
   (a) Elected by the members of Rajya Sabha
   (b) Nominated by the President
   (c) Elected by the members of both Houses of Parliament
   (d) Elected by Parliament and State Legislatures jointly
   Answer: (c)

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

Statements:

Some pens are pencils

Ruler is a pen

Conclusions:

I. Some pencils are pens

II. Some rulers are pencils

(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)

14. 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) BCD
(b) NPR
(c) KLM
(d) RQP

Answer: (b)

15. The Shanti Swaroop Bhatnagar Award is given by which of the following organisations?

(a) Indian National Science Academy
(b) Department of Science and Technology
(c) Council for Scientific and Industrial Research
(d) Indian Institute of Science

Answer: (c)

18. The dam that is located in Bhopal, which helps in controlling water from the Kaliasot river is called

(a) Sanjay Sagar
(b) Rampunkhund Tank
(c) Bhadbhada Dam
(d) Pehsari dam

Answer: (c)

20. Among five friends, Dipti is in the middle by age. Kamal is youngest. Savitha is older than Narayan ,who is younger than Rashmi and Dipti. Who is the oldest among them?

(a) Kamal
(b) Savitha
(c) Narayan
(d) Data inadequate

Answer: (d)

21. Bateswar group of temples is located in_____.

(a) Ujjain
(b) Morena
(c) Khajuraho
(d) Ratlam

Answer: (b)

22. Under whose advice does the President of India declare Emergency under Article 352?

(a) Council of Ministers
(b) Cabinet
(c) Chief Ministers of all states
(d) Prime Minister

Answer: (b)

23. What is the day on 15th August 2055?

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

Answer: (c)

24. If its cookie or coffee then you get mileage and speed. You get mileage and speed then either it was a cookie or it was coffee or both.

(a) True
(b) False
(c) Maybe
(d) Irrelevant

Answer: (a)

28. When there is President's Rule in a State, the power of passing the Budget of that State rests with____.

(a) Rajya Sabha
(b) Lok Sabha
(c) Governor
(d) President

Answer: (b)

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

Coal, Iron, Mica

(a) Rock
(b) Minerals
(c) Gold
(d) Earth

Answer: (b)

32. Indira Gandhi international airport is in which city?

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

Answer: (a)

33. Natya Shastra was written by

(a) Bhasa
(b) Bharat Muni
(c) Veda vyasa
(d) Nara Muni

Answer: (b)

34. Select the option that is true about the Statemen and Conclusions given:

Statements:

All planes are trains

All trains are buses

Conclusions:

I.Some planes are buses

II.All buses are planes

(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)

35. Following are the three positions of a cube.

What is the name in the face opposite to the face having name RON?

(a) NEL
(b) JIM
(c) NEAL
(d) JACK

Answer: (d)

36. Rajan is sixth from the left end and Vinay is tenth from the right end in a row of boys. If there are eight boys between Rajan and Vinay, how many boys are there in the row?

(a) 23
(b) 24
(c) 25
(d) 26

Answer: (b)

37. Select the statement that is the negation of the statement "Some poodles chew shoes."

(a) No poodles chew shoes.
(b) If it chews shoes, then it isn't a poodle.
(c) All poodles chew shoes.
(d) Some poodles don't chew shoes

Answer: (a)

38. City Fruits orders Apples from Himacha[illegible]rade[illegible] The transportation cost of apples is Rs.200 per kg and cost of storing them in a cold sto[illegible]s.100 per Kg. Right now there are 100 Kgs of apples in the storage. City Fruits plans to place an order.

Suppose as in the previous questions the next month price of apple remains at Rs.400 per kg and demands for the next 2 months as 500 Kg each month. Now if the transportation cost increases to Rs. 500 per Kg, how much would the store order given the storing and transportation costs?

(a) 400 Kg
(b) 500 Kg
(c) 900 Kg
(d) 1200 Kg

Answer: (a)

39. What is the destination of the train Chetak Express that starts from Delhi?

(a) Guwhati
(b) Udaipur
(c) Jhansi
(d) Kanyakumari

Answer: (b)

40. Which of the following states is the largest producer of coffee in India?

(a) Karnataka
(b) Kerala
(c) Odisha
(d) West Bengal

Answer: (a)

Mental Ability and Mental Aptitude

2. The marked price of sofa is 3500 then 8% discount is allowed then calculate its selling price?

(a) Rs.3220
(b) Rs.2220
(c) Rs.1220
(d) Rs.2000

Answer: (a)

3. Complete the series choosing the missing letter

_ _ caab _ a _ bbca _ bb _ c

(a) abcaac
(b) abcabc
(c) bcacab
(d) caacba

Answer: (a)

4. 8 men can do a work in 15 days and 15 women can do the same in 10 days. If all 8 men and 15 women can work together, in how many days will the work get completed?

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

Answer: (c)

6. A merchant marked Rs. 240 as the price of radio which is 20% more than its costs Price. A discount of 10% is allowed on marked price. What profit does merchant get in this transaction?

(a) 17
(b) 18
(c) 16
(d) None of these

Answer: (c)

10. If 820+x+y-610=342 and x=84 then y=?

(a) 84
(b) 58
(c) 38
(d) 48

Answer: (d)

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

6,12,24,48,96,190

(a) 12
(b) 96
(c) 190
(d) 48

Answer: (c)

15. Three numbers A, B and C are in the ratio of 2:3:1. Find B if the sum of these three numbers is 360.

360 ,

(a) 180
(b) 160
(c) 100
(d) 150

Answer: (a)

21. CANCELLED

If alphabets are encrypted as numbers, F - H x I is equal to

(a) 20
(b) 18
(c) 16
(d) 14

Answer: (b)

23. If ABCDEF is coded as ZYXWVU then what will be the code for TOYOTA?

(a) ZGLBLG
(b) LGBGZL
(c) GLBLGZ
(d) GBLBGZ

Answer: (c)

26. Complete the series choosing the missing number:

0,2,6,12,20,_____

(a) 36
(b) 34
(c) 30
(d) 32

Answer: (c)

27. What is the average of prime numbers between 30 and 60?

(a) 44.2
(b) 44.8
(c) 44.4
(d) 44.6

Answer: (c)

28. Complete the series choosing the missing number:

480,120,40,20,_____

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

Answer: (a)

30. A train is moving at a speed of 60 km/hr. ..ngth of the train is 100 meters, how long will take to cross a railway

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

Answer: (c)

Science and Simple Arithmetic

1. Alluvial soil which flows from Himalayas to the rivers of North India is a combination of_____

(a) Rock+ Sand+ Silt
(b) Clay + Sand + Gravel
(c) Silt + Clay + Sand + Gravel
(d) Stones +Clay + Sand + Gravel

Answer: (c)

2. The marked price of a fan is Rs. 620. Due to off season, a 15% discount is allowed. The S.P of the fan is (in Rs.) is:

(a) 527
(b) 427
(c) 537
(d) 547

Answer: (a)

7. The unit's digit of the term 659 is _____

(a) 6
(b) 4
(c) 2
(d) 0

Answer: (a)

9. Air contains Nitrogen, Oxygen, Carbon dioxide and small amounts of other gases. What is the approximate % of Nitrogen gas?

(a) 21%
(b) .03%
(c) 78%
(d) 1%

Answer: (c)

10. A spore producing plant is

(a) Bryophyllum
(b) Potato
(c) Ginger
(d) Bread mould

Answer: (d)

11. When we try to push an empty mug into a bucket of water, the

(a) Water exerts pressure on the mug
(b) Air exerts pressure
(c) Pressure increases with depth
(d) The mug exerts pressure on water

Answer: (a)

13. The distance of the Sun from the earth is said to be about

(a) 8 light minutes
(b) 6 light minutes
(c) 4.3 light years
(d) 3.4 light years

Answer: (a)

14. For movement Euglena organism uses

(a) Cilia

(b) Pseudopodia

(c) Flagella

(d) Tentacles

Answer: (c)

17. The sum of the digits of a two-digit number is seven. By interchanging the digits it is twenty seven more than the original number. Then the original number is _____

(a) 20 + 5

(b) -20 + 5

(c) 20 + -5

(d) -20 + -5

Answer: (a)

21. Electrical appliances like iron box, hot plate, geyser have in them a coil of high resistant wire called

(a) Filament

(b) Fuse wire

(c) Element

(d) Insulated wire

Answer: (c)

24. A beam 9 m long, 0.4 wide and 0.2 m high is ma up of iron which weighs 50 kg per cubic meter. The weight of the beam is _____.

(a) 56 kg

(b) 48 kg

(c) 36 kg

(d) 27 kg

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)**	2	**(d)**	3	**(b)**	5	**(c)**	8	**(b)**	9	**(c)**
10	**(d)**	11	**(b)**	12	**(c)**	13	**(d)**	14	**(b)**	15	**(c)**
18	**(c)**	20	**(d)**	21	**(b)**	22	**(b)**	23	**(c)**	24	**(a)**
28	**(b)**	30	**(b)**	32	**(a)**	33	**(b)**	34	**(d)**	35	**(d)**
36	**(b)**	37	**(a)**	38	**(a)**	39	**(b)**	40	**(a)**		

Mental Ability and Mental Aptitude

2	**(a)**	3	**(a)**	4	**(c)**	6	**(c)**	10	**(d)**	12	**(c)**
15	**(a)**	21	**(b)**	23	**(c)**	26	**(c)**	27	**(c)**	28	**(a)**
30	**(c)**										

Science and Simple Arithmetic

1	**(c)**	2	**(a)**	7	**(a)**	9	**(c)**	10	**(d)**	11	**(a)**
13	**(a)**	14	**(c)**	17	**(a)**	21	**(c)**	24	**(c)**		