PREVIOUS YEAR PAPER

MP Police Constable 2016 — 17 July 2016, Shift 2

MP Police Constable · 17 July 2016 · 12:00 PM

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

Left out of the original paper: 46 (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 17 July 2016, 12:00 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-2016-17-jul-shift-2/

General and Logical Knowledge

2. P is equal to or not shorter than Q. N is as tall as P. M is taller than or equal to N. Then which of the following is certainly correct?

(x) M is taller than P

(y) N is equal to or taller than Q

(a) x alone
(b) y alone
(c) both x and y
(d) neither x nor y

Answer: (b)

3. Who was the first speaker of the Lok Sabha?

(a) K. S. Hegde
(b) Hukam Singh
(c) M. A. Ayyangar
(d) Ganesh Mavlankar

Answer: (d)

4. In India, the monetary policy is controlled by _____ .

(a) Finance Minister
(b) Union Government
(c) Reserve Bank of India
(d) Finance Ministry

Answer: (c)

5. Who was the first governor general of free India?

(a) Lord William Bentinck

(b) Lord Canning

(c) Lord Mount Batten

(d) Lord Dalhousie

Answer: (c)

6. Three friends want to hire a taxi for a trip. The taxi owner provides them with following three options:

A. You can hire the taxi without an accompanying driver. This would cost you Rs. 2500 per day. Driver can be arranged from another agency for Rs. 500 per day.

B. You can hire the taxi with driver from the first agency. This would cost you Rs. 2800 per day. But driver will have to be provided relief fund of Rs.250 per day if total distance traveled exceeds 1500 KM.

C. You can hire the taxi without an accompanying driver. This would cost you Rs. 2500 per day. Driver can be arranged from another agency for 50 paise per KM.

If they had planned to travel total of 6000kms in 5 days. Which option would have been better?

(a) A

(b) B

(c) C

(d) Either A or C

Answer: (b)

8. In which district is the Acchnakamar sanctuary located?

(a) Morena

(b) Ratlam

(c) Annuppur

(d) Rewa

Answer: (c)

9. Sihoniya, known for “Kakan Math” Shiva temple is located in which district of Madhya Pradesh?

(a) Morena

(b) Gwalior

(c) Shivpuri

(d) Sheopur

Answer: (a)

10. Who won Silver Medal in Wrestling in London Olympics 2012?
    (a) Yogeshwar Datt
    (b) Gagan Narang
    (c) Saina Nehwal
    (d) Sushil Kumar
    Answer: (d)

11. The Ramakrishna Mission was founded by
    (a) Swami Vivekananda
    (b) Ramakrishna Paramahamsa
    (c) Sarada Devi
    (d) Mahendranath Gupta
    Answer: (a)

16. Rabindranath Tagore got the Nobel Prize for Literature, for his work_____.
    (a) Gitanjali
    (b) Rabindra Sangeet
    (c) Gora
    (d) Ghare- Bhaire
    Answer: (a)

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

Statements:

All lions are animals

All tigers are animals

Conclusions:

I. All tigers are lions

II. Some animals are not tigers
    (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)

18. Which city was the capital of the Vijayanagara kingdom?
    (a) Mysore
    (b) Tanjore
    (c) Hampi
    (d) Belur
    Answer: (c)

19. According to 2011 census, which of the following states ranks the last in overall literacy rate?

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

Answer: (c)

20. Who was the first woman Chief Minister of Independent India?

(a) Jayalalitha
(b) Padmaja Naidu
(c) Sucheta Kriplani
(d) Vijaya Lakshmi Pandit

Answer: (c)

21. 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.

LJH : KKI :: CIA: ?

(a) BJB
(b) BBB
(c) DBB
(d) CBZ

Answer: (a)

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

Statements:

All shampoos are soaps.

Some shampoos are not oils.

Conclusions:

I. All oils are soaps.

II. All soaps are oils

(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)

26. The largest road bridge of Madhya Pradesh is located across the _____river.
    (a) Narmada
    (b) Tawa
    (c) Chambal
    (d) Tapti
    Answer: (b)

27. In the following numbers sequence, how many such even numbers are there which are exactly divisible by its immediate preceding number but not exactly divisible by its immediate following number?

38415728348939421582
    (a) One
    (b) Two
    (c) Three
    (d) Four
    Answer: (b)

28. If cream cracker means computer programming, and it's programming, then it's cream cracker.
    (a) True
    (b) False
    (c) Maybe
    (d) Irrelevant
    Answer: (c)

29. Who among the following Chief Justices was born in Madhya Pradesh?
    (a) T S Thakur
    (b) H L Dattu
    (c) J S Verma
    (d) Altamas Kabir
    Answer: (c)

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

Statements:

All games are movies

All movies are bags

Conclusions:

I. All games are bags

II. All bags are games

(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)

31. The highest peak in western Ghats is

(a) Annaimudi
(b) Mahendragiri
(c) Saddle peak
(d) Blue mountain

Answer: (a)

33. The Quwwat-ul-Islam Mosque is to the north-west of which monument?

(a) Victoria Memorial
(b) Taj Mahal
(c) Humayun's Tomb
(d) Qutb Minar

Answer: (d)

34. Find out the pair which is different from the other in the following question.

(a) Black and white
(b) In and out
(c) Weapons and arms
(d) High and low

Answer: (c)

35. Kailash Satyarthi found a child – friendly movement in 2015 that gives free education and protects children from exclusion and exploitation. What is this movement called?

(a) Bachpan Bachao Andolan
(b) Bachpan Saksharta Protsahan
(c) Bachpan Shiksha Abhiyan
(d) Bachpan Anurakshan Seva

Answer: (a)

36. I. There is a group of five persons A, B, C, D & E.

II. One of them a horticulturist, one is a physicist, one is a journalist, one is an industrialist and one is an advocate.

III. Three of them A, C and Advocate prefer tea to coffee and two of them B and the journalist prefer coffee to tea.

IV. The industrialist, D and A are friends of one another but two of these prefer coffee to tea.

V. The horticulturist is C's brother.

Which of the following groups includes a person who likes tea but not an advocate?

(a) DE
(b) BD
(c) CE
(d) AD

Answer: (d)

37. Which river is called the "Ganga of Madhya Pradesh"?

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

Answer: (c)

38. The Lokpal and Lokayuktas Act received the assent of the President in_____.

(a) 2014
(b) 2013
(c) 2015
(d) 2012

Answer: (a)

39. X+Y means X is the daughter of Y, X-Y means X is the husband of Y, X×Y means X is the brother of Y.

If A×B+C, which of the following is true?

(a) A is the brother of C
(b) A is the daughter of C
(c) A is the son of C
(d) A is the father of C

Answer: (c)

40. How many times the vowels precede the consonants in the word 'RETROGRESSION'?

(a) 1
(b) 2
(c) 3
(d) 4

Answer: (d)

Mental Ability and Mental Aptitude

5. The price of the petrol is increases by 25%. By how much percent a car owner must reduce his consumption in order to maintain the same budget?

(a) 20%
(b) 25%
(c) 30%
(d) 15%

Answer: (a)

6. In a certain code language SOLID is coded TPMJE as then in that language

METALLIC is coded as:

(a) NFUBMMJD
(b) NFUBMMJB
(c) NFUCNNJD
(d) NFUBNNJD

Answer: (a)

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

2,3,5,7,9,11,13,17

(a) 11
(b) 13
(c) 9
(d) 7

Answer: (c)

11. If the code for PRACTICE is QSBDUJDF then what will be the code for CONTACT?

(a) BDODPUV
(b) DPOBDUV
(c) PDOBUDD
(d) DPOUBDU

Answer: (d)

13. Complete the series choosing the missing number:

6,13,28,59,____

(a) 120
(b) 121
(c) 118
(d) 122

Answer: (d)

15. A box contains 4 green, 5 blue and 4 red balls. One ball is drawn at random. What is the probability that it is either green or red?

(a) 9/13
(b) 7/13
(c) 8/13
(d) 1/13

Answer: (c)

16. A and B can together finish a work in 30 days. They worked together for 20 days and then B left. After another 15 days, A finished the remaining work. In how many days A alone can finish the job?

(a) 40 days
(b) 30 days
(c) 35 days
(d) 45 days

Answer: (d)

17. A bag contains 8 white, 5 black and 4 blue balls. One ball is drawn randomly, what is the probability that it is neither white nor blue ball?

(a) 5/17
(b) 8/17
(c) 4/17
(d) 6/17

Answer: (a)

19. A car costs Rs. 60,000 when it is new, after one year its value goes down to Rs. 40,000.By how much percent has its value decreased?

(a) 43
(b) 33
(c) 53
(d) 23

Answer: (b)

22. The length of a rectangle increased by 20% and its breadth decreased by 20%. What is the change in its area?

(a) Increase by 4%
(b) Decrease by 4%
(c) No change
(d) None of the above

Answer: (b)

26. A man's average monthly savings is Rs 750 during May, Rs 825 during June and Rs 775 during July. Find the average monthly savings for the three months?

(a) 788
(b) 790
(c) 783
(d) 780

Answer: (c)

27. A dealer marks his goods at 35% above [illegible] co[illegible] rice & allows a discount of 20% on the marked price.Find his gain or loss percent?

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

Answer: (d)

30. Complete the series choosing the missing number:

1,3,5,11,21,_____

(a) 43
(b) 42
(c) 44
(d) 41

Answer: (a)

Science and Simple Arithmetic

2. A customer purchased a laptop bag with a price tag of Rs. 2000 in a sale where 30% discount was being offered on the tag price. The customer was given a further discount of 10%. The final amount paid by the customer was:

(a) Rs. 1500
(b) Rs. 1625
(c) Rs. 1260
(d) Rs. 1400

Answer: (c)

3. In case of a fire accident in a cracker manufacturing factory which number would you dial to call the Fire and Rescue men to put out the fire ?

(a) 100
(b) 101
(c) 102
(d) 103

Answer: (b)

5. Marbles kept in water look enlarged because water acts as a

(a) Concave lens
(b) Convex lens
(c) Magnifying lens
(d) Both B & C

Answer: (d)

6. Which pigment gives red colour to blood

(a) Serum globulin
(b) Serum albumin
(c) Haemoglobin
(d) Plasma protein

Answer: (c)

15. Raj picks up a three digit number and subtracts it from the same number after reversing order of the digits. If the difference is divided by 9, then the remainder is _____

(a) 2
(b) 0
(c) 1
(d) 3

Answer: (b)

20. The branches of the tall trees look like a roof over the other plants

(a) Crown of the tree
(b) Canopy of the tree
(c) Under storey of trees
(d) Shoot system

Answer: (b)

21. Find the perimeter of the sector of angle 600 of a circle of radius 21 m.
    (a) 22 m
    (b) 11 m
    (c) 44 m
    (d) 44
    Answer: (a)

22. Pure water can be made to conduct electricity by dissolving
    (a) Vegetable oil
    (b) Honey
    (c) Common salt
    (d) Sugar
    Answer: (c)

25. Why are pickles stored in plastic containers or glass bottles and not in Aluminium containers?
    (a) Because when placed in glass & plastic containers we can see what is inside.
    (b) Plastic & glass containers are light and easy to handle.
    (c) Plastic & glass containers can be recycled after use.
    (d) Because Aluminium metal reacts chemically with the acid present in pickles.
    Answer: (d)

26. Self Pollination refers to the
    (a) Transfer of pollen from anther to ovary of oth lowers
    (b) Transfer of pollen from anther to stigma of t same flower
    (c) Transfer of pollen from anther to ov rent flower
    (d) Transfer of female gametes from anther to stigma of same flower
    Answer: (b)

29. During heavy exercise, the muscle cramps is due to the accumulation of
    (a) Alcohol
    (b) Carbon dioxide
    (c) Lactic acid and carbon di oxide
    (d) Lactic acid only
    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 and Logical Knowledge

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

Mental Ability and Mental Aptitude

5	**(a)**	6	**(a)**	10	**(c)**	11	**(d)**	13	**(d)**	15	**(c)**
16	**(d)**	17	**(a)**	19	**(b)**	22	**(b)**	26	**(c)**	27	**(d)**
30	**(a)**										

Science and Simple Arithmetic

2	**(c)**	3	**(b)**	5	**(d)**	6	**(c)**	15	**(b)**	20	**(b)**
21	**(a)**	22	**(c)**	25	**(d)**	26	**(b)**	29	**(d)**		