PREVIOUS YEAR PAPER

MP Police Constable 2016 — 29 July 2016, Shift 1

MP Police Constable · 29 July 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 29 July 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-2016-29-jul-shift-1/

General and Logical Knowledge

1. How many times ‘A’ exceeds ‘O’ in the word ‘RATIONALIZATION’? / ‘RATIONALIZATION’

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

Answer: (a)

3. Which Indian won the IBSF World Snooker Champi[illegible]ip in 2015?

(a) Pankaj Advani
(b) Subhash Agarwal
(c) Manan Chandra
(d) Brijesh Damani

Answer: (a)

4. _____ is India’s first dedicated space observatory launched by ISRO.

(a) ASTROSAT
(b) CARTOSAT
(c) Chandrayan I
(d) Chandrayan II

Answer: (a)

6. Pick the INCORRECT pair

(a) Hill top fort - Gwalior
(b) Moti Mahal - Gwalior
(c) Sheesh Mahal - Gwalior
(d) Peshsari Dam - Gwalior

Answer: (c)

7. To encourage tourism, Punjab Tourism organizes FAM tour, the full form of which is ____.

(a) Famous tour
(b) Familiarization tour
(c) Family tour
(d) Fabulous tour

Answer: (b)

9. Who amongst these cricketers is the only Indian to have scored a triple century in test cricket?

(a) Sunil Gavaskar
(b) Virender Sehwag
(c) Mahinder Singh Dhoni
(d) Ravi Shastri

Answer: (b)

10. Who wrote the Natyashastra?

(a) Bharata
(b) Kalidasa
(c) Chanakya
(d) Vyas

Answer: (a)

12. The Daly College in Indore was established with it esent name in the year_____.

(a) 1870
(b) 1882
(c) 1876
(d) 1885

Answer: (b)

14. A, B, C, D, E and F are cousins, No two cousins are of the same age, but all have birthdays on the same date. The youngest is 17 years old and the oldest E is 22. F is somewhere between B and D in age. A is older than B. C is older than D.

Which of the following must be true if C is 19 years old?

(a) A is 19 years old & D is 21
(b) B is 19 years old & A is 20
(c) B is 20 years old & A is 21
(d) D is 17 years old & B is 21

Answer: (c)

15. If nuclear weapon means hallucinations, and it's not a nuclear weapon, then it's hallucinating.

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

Answer: (c)

16. Keshab Chandra Sen formed the
    (a) Indian Reform Association
    (b) Satyashodak Samaj
    (c) Arya Samaj
    (d) Veda Samaj
    Answer: (a)

17. M+N means M is the daughter of N, M×N means M is the son of N and M-N means M is the wife of N.

If X-Y×P-Q, which of the following is NOT true?
    (a) Y is the daughter of P
    (b) P is the wife of Q
    (c) Q is the husband of P
    (d) X is the wife of Y
    Answer: (a)

18. When was the Kalidas award instituted?
    (a) 1986-87
    (b) 1987-88
    (c) 1980-81
    (d) 1992-93
    Answer: (c)

20. Who introduces the system of subsidia[illegible]
    (a) Robert Clive
    (b) Dupleix
    (c) Lord Wellesley
    (d) Lord Minto
    Answer: (c)

22. Who presides over the joint sessions of the Parliament?
    (a) The Speaker
    (b) The President
    (c) The Vice-President
    (d) The Prime Minister
    Answer: (a)

23. Where is the Security Paper Mills located in Madhya Pradesh?
    (a) Hoshangabad
    (b) Dewas
    (c) Gwalior
    (d) Dhar
    Answer: (a)

24. Barasingha is a type of _____
(a) Mouse
(b) Elephant
(c) Deer
(d) Lion
Answer: (c)

27. Highest wartime gallantry award in India_____.
(a) Maha Vir Chakra
(b) Vir Chakra
(c) Param Vir Chakra
(d) Kirti Chakra
Answer: (c)

28. What is the name of the administrative state secretariat located in Bhopal?
(a) Raj Bhavan
(b) Vallabh Bhavan
(c) Chayan Bhavan
(d) Gandhi Bhavan
Answer: (b)

30. Which of the following is NOT a statutory body?
(a) Election Commission
(b) Planning Commission
(c) Finance Commission
(d) Union Public Service Commission
Answer: (b)

31. 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.

ACE : HIL :: MOQ : ?
(a) TVX
(b) TUX
(c) XVT
(d) SUW
Answer: (b)

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

Statements:

All beaches are beautiful

Colva is a beach

Conclusions:

I. Colva is beautiful

II. Parks are not beautiful

(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)

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

Statements:

No river is sea

All seas are oceans

Conclusions:

I. All rivers are oceans

II. No river is ocean

(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: (b)

35. A manufacturer has 3 products in his portfolio- A, B, C. They are manufactured in batches, as the cost of changing from one product to another is quite high. A is can be produced at a rate of 1000 units per month, B at a rate of 800 per month and C at 700 per month. Once a product is taken up for manufacturing it will be continued for at least 2 months and a product is manufactured only once (one batch) in a year. At a time only one product can be manufactured. Products have to be manufactured before their respective demand season starts. Product A demand always happens between January and May, B between April and September and C between August and January.

If the demand for A in a year is expected to be 3200, when should it be set up for manufacturing?

(a) April
(b) August
(c) September
(d) October

Answer: (c)

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

(a) Cycle and Scooter
(b) Rifle and Sword
(c) Shirt and Tailor
(d) Tea and Coffee

Answer: (c)

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

II. One of them a horticulturist, one is a physicist, o' s 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.

Who is a horticulturist?

(a) A
(b) B
(c) C
(d) D

Answer: (a)

39. According to 2001 census the second most spoken language in India is_____

(a) Urdu
(b) Telugu
(c) Bengali
(d) Tamil

Answer: (c)

40. Which one of the following states was the first to introduce Panchayat Raj System?

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

Answer: (d)

Mental Ability and Mental Aptitude

2. In a certain code language MOTHER is coded as LNSGDQ then in that language

GRANDSON is coded as:

(a) FQZMCRNP
(b) FQZMCTNP
(c) FQBMCRNM
(d) FQZMCRNM

Answer: (d)

4. What is the loss percentage if an article costing Rs. 10 is sold for a loss of Rs. 2?

(a) 16 %
(b) 11 %
(c) 14 %
(d) None of these

Answer: (d)

6. In the following question, one term in the nu. series is wrong. Find out the wrong term.

2,8,20,48,92,188

(a) 48
(b) 92
(c) 188
(d) 8

Answer: (a)

7. Complete the series choosing the missing number:

1,2,3,6,9,18,_____, 54

(a) 18
(b) 27
(c) 36
(d) 48

Answer: (b)

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

(i) AW235698P914

(ii) AW235698P914

(iii) AW235698P914

(iv) AW235998P914

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

Answer: (d)

9. A and B can do a work in 30 days and 20 days respectively. They worked for 6 days together and B has left. How many days will A take to finish the remaining work?

(a) 12 days
(b) 18 days
(c) 20 days
(d) 15 days

Answer: (d)

10. The catalogue price of pair of school uniform is R 180.If its price is Rs. 153 after discount. What is rate of discount?

(a) 20%
(b) 25%
(c) 15%
(d) 10%

Answer: (c)

12. A man covered a certain distance at same speed. Had he moved 3 km / hr faster, he would have taken 40 minutes less. If he had moved 2 km

(a) 35 km
(b) 38 km
(c) 40 km
(d) 42 km

Answer: (c)

14. Complete the series choosing the missing number:

2,5,11,____,47

(a) 23
(b) 22
(c) 21
(d) 20

Answer: (a)

16. The average of 8 numbers is 42. What will be the average if each number is decreased by 5?

(a) 37
(b) 39
(c) 40
(d) 35

Answer: (a)

29. 100 boys and 80 girls are examined in a test, 48% of the boys and 30 % of girls pass. The percentage of the total who failed is

(a) 70%
(b) 60%
(c) 55%
(d) 65%

Answer: (b)

Science and Simple Arithmetic

4. Anil bought a T V with 25% discount on the labeled price. Had he bought it with 40% discount, he would have saved Rs. 1500. At what price did he buy the T V?

(a) 10,000
(b) 16,000
(c) 12,000
(d) 19,000

Answer: (a)

5. By what factor, the destructive energy of an earthquake showing a magnitude 7 on the Richter scale is greater than one showing a magnitude of 3?

(a) 4
(b) 1000
(c) 4000
(d) 1000000

Answer: (d)

9. Two tangents TP and TQ are drawn from an external point T with centre O. If they are inclined to each other at an angle 1250, then what is the value of POQ?

(a) 550
(b) 1100
(c) 62.50
(d) 1250

Answer: (a)

11. Some bananas are packed into a box in stacks. Each stack has the same number of bananas in each row as the number of rows. The number of stacks is also the same as the number of rows. If there are 64 stacks of bananas in the box, the total number of bananas in the box is

_____

(a) 262144
(b) 261462
(c) 262148
(d) 262164

Answer: (a)

14. The Safety matches, used in all our houses, has chemicals in it. The head of a Safety match stick contains

(a) Antimony trisulphide & Potassium chlorate
(b) Antimony trisulphide, Potassium chlorate & wh[illegible]phosphorus
(c) Antimony trisulphide & Sulphur
(d) Potassium chlorate & white phosphorus

Answer: (a)

17. Two examples of Hermaphrodites are

(a) Amoeba & Hydra
(b) Earthworm & Leech
(c) Cockroach & Mosquito
(d) Frog & Fish

Answer: (b)

18. Choose the major events during Inspiration

(a) Diaphragm flattens, Ribs rise up,Lungs expand
(b) Diaphragm moves up, Ribs come down, Lungs shrink
(c) Diaphragm moves up, Ribs rise up, Lungs expand
(d) Diaphragm flattens, Ribs rise up, Lungs shrink

Answer: (a)

19. Sound waves are
    (a) Transverse
    (b) Longitudinal
    (c) Depends on the medium in which it travels
    (d) Can behave as both transverse and longitudinal

    Answer: (b)

20. White light is composed of
    (a) 5 colours
    (b) 7 colours
    (c) 6 colours
    (d) 4 colour

    Answer: (b)

22. The plant that has both autotrophic and heterotrophic mode of nutrition is
    (a) Pitcher plant
    (b) Venus trap plant
    (c) Sun dew plant
    (d) All the above

    Answer: (d)

23. Silk is a natural fibre made of
    (a) Fat
    (b) Protein
    (c) Cellulose
    (d) Starch

    Answer: (b)

26. How is manure prepared ?
    (a) From the plant and animal remains
    (b) Plant and animal wastes are collected in deep pits and it is allowed to decompose
    (c) From the garden wastes
    (d) Waste from houses is decomposed

    Answer: (b)

27. Which one of the following cannot be an after effect of Earth quake?
    (a) Lightning
    (b) Flood
    (c) Landslide
    (d) Tsunami

    Answer: (a)

28. The perimeter of a sector of angle 600 of a circle with radius 10 cm is _____.

(a) 2180

(b) 2000

(c) 2200

(d) 200 cm

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)**	3	**(a)**	4	**(a)**	6	**(c)**	7	**(b)**	9	**(b)**
10	**(a)**	12	**(b)**	14	**(c)**	15	**(c)**	16	**(a)**	17	**(a)**
18	**(c)**	20	**(c)**	22	**(a)**	23	**(a)**	24	**(c)**	27	**(c)**
28	**(b)**	30	**(b)**	31	**(b)**	33	**(a)**	34	**(b)**	35	**(c)**
36	**(c)**	38	**(a)**	39	**(c)**	40	**(d)**				

Mental Ability and Mental Aptitude

2	**(d)**	4	**(d)**	6	**(a)**	7	**(b)**	8	**(d)**	9	**(d)**
10	**(c)**	12	**(c)**	14	**(a)**	16	**(a)**	29	**(b)**		

Science and Simple Arithmetic

4	**(a)**	5	**(d)**	9	**(a)**	11	**(a)**	14	**(a)**	17	**(b)**
18	**(a)**	19	**(b)**	20	**(b)**	22	**(d)**	23	**(b)**	26	**(b)**
27	**(a)**	28	**(c)**								