PREVIOUS YEAR PAPER

MP Police Constable 2016 — 26 July 2016, Shift 2

MP Police Constable · 26 July 2016 · 12:00 PM

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

Left out of the original paper: 48 (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 26 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-2016-26-jul-shift-2/

General and Logical Knowledge

1. Bauxite is an ore of Aluminum. This occurs in large quantities in
   (a) Panna Mines
   (b) Katni Mines
   (c) Durg Mines
   (d) Baster Mines
   Answer: (b)

2. The Government of India Act, 1935, conceived the introduction of __.
   (a) anarchical form of government
   (b) federal form of government
   (c) republican form of government
   (d) unitary form of government
   Answer: (b)

3. _____ is a depth finder that uses sound waves to determine depth of water.
   (a) Hydrometer
   (b) Fathometer
   (c) Thermometer
   (d) Telemeter
   Answer: (b)

4. If nuclear weapon means hallucinations, and it’s a nuclear weapon, then it’s not hallucinating.
   (a) True
   (b) False
   (c) Maybe
   (d) Irrelevant
   Answer: (b)

8. The Secretary-General of Lok Sabha, who is the Chief of its Secretariat, is appointed by_____.

(a) The Speaker

(b) The President

(c) The Vice-President

(d) Minister for Parliamentary Affairs

Answer: (a)

11. What is the name of the train that runs between Dibrugarh and Kanyakumari, the longest train route in India?

(a) Vivek Express

(b) Jan Shatabdi Express

(c) Thirukkural Exp

(d) Jivacch Link Express

Answer: (a)

12. Directions: On the shelf are placed six volumes side by side labeled A, B, C, D, E and F. Three volumes C, B and E have blue covers while the rest have red covers. D and F are new volumes while the rest are old volumes. A, C and D are law reports while the rest are gazetteers.

Which is blue covered, old and a law report volume?

(a) B

(b) E

(c) D

(d) C

Answer: (d)

14. The Battle of Buxar was fought between the joint alliance of the Nawab, the Mughals and Siraj-ud-Daula and?

(a) British

(b) Dutch

(c) Portugese

(d) French

Answer: (a)

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

Statements:

No plates are bottles.

Some bottles are tissues.

Conclusions:

I. Some tissues are plates.

II. Some tissues are not plates

(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)

17. In which Indian state is the Gir National Park located?

(a) Manipur
(b) Gujarat
(c) Tamil Nadu
(d) Maharashtra

Answer: (b)

18. 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 production of B is started in October, How much is the expected demand of B next year as it is also clear that demand for B that year is more than A and C?

(a) =3200
(b) >4000
(c) =2000
(d) <4000

Answer: (b)

19. Which of the following was once a capital of Paramar kings?
(a) Hoshangabad
(b) Harda
(c) Dhar
(d) Indore
Answer: (c)

20. Server is a computer program that provides functionality for other programs or devices known as _____.
(a) Hardware
(b) Clients
(c) Software
(d) Network
Answer: (b)

21. Which are the 3 world heritage sites of Madhya Pradesh?
(a) Khajuraho, Sanchi & Bhimbetka
(b) Sanchi, Omkareshwar & Bhimbetka
(c) Bhimbetka, Rewa & Bhandhavgarh
(d) Khajuraho, Amarkantak & Ujjain
Answer: (a)

22. There are two words making the base pair. Find ' similar pair of words from the following

Sapling : Tree ::
(a) Horse : Mare
(b) Student : Teacher
(c) Bud : Flower
(d) Tree : Furniture
Answer: (c)

23. Former President of India Dr. A.P.J. Abdul Kalam passed away in _____.
(a) June 2015
(b) December 2014
(c) July 2015
(d) February 2015
Answer: (c)

24. What is the full form of FEMA passed in the year 1999?
(a) Financial Exchange Maximization Act
(b) Financial Exchange Management Act
(c) Financial Environment Management Act
(d) Foreign Exchange Management Act
Answer: (d)

25. The northern most district in the Chambal basin is
    (a) Morena
    (b) Gwalior
    (c) Rewa
    (d) Dhar
    Answer: (a)

27. Apart from 15 August 1947, what was written on the first three stamps issued by free India?
    (a) Mera Bharat Mahan
    (b) Vande Mataram
    (c) Jai Hind
    (d) Jana Gana Mana
    Answer: (c)

28. Which was the capital city of the Ikshvakus?
    (a) Ayodhya
    (b) Banavasi
    (c) Kanchipuram
    (d) Vijayapuri
    Answer: (d)

29. How many times 'E' exceeds 'D' in the word 'UNP' CEDENTED'?
    (a) 1
    (b) 2
    (c) 3
    (d) 4
    Answer: (b)

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

Statements:

Some fruits are not grapes

Some vegetables are not fruits

Conclusions:

I. Some vegetables are grapes

II. Some fruits are vegetables
    (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)

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

(a) Patient and Hospital
(b) Criminals and Prison
(c) Student and Teacher
(d) Bird and Nest

Answer: (c)

32. 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.

If A is one year older than C, the number of logically possible orderings of all six cousins by increasing age is:

(a) 2
(b) 3
(c) 4
(d) 5

Answer: (a)

33. "Inquilab" was written by

(a) Bipin Chandrapal
(b) RN Tagore
(c) Raja Ram Mohan Roy
(d) Ghulam Hussain

Answer: (d)

35. 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.

DGJ : KMO :: MPS : ?

(a) TVX
(b) WUS
(c) SVY
(d) XVT

Answer: (a)

36. Which of the following is NOT a complete dozen?

(a) 192
(b) 176
(c) 960
(d) 144

Answer: (b)

37. Which of these waterfalls is on Narmada river?
(a) Keoti
(b) Chachai
(c) Sahastradhara
(d) Raneh
Answer: (c)

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

Statements:

Some chalks are boards

All boards are classrooms

Conclusions:

I. Some classrooms are chalks

II. Some chalks are classrooms
(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)

39. Who was the first Defence Minister of Indep ent India?
(a) Sardar Patel
(b) George Fernandes
(c) RNS Chetty
(d) Baldev Singh
Answer: (d)

Mental Ability and Mental Aptitude

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

(i) JI9885Y320C2

(ii) JI9845Y320C2

(iii) JI9845Y320C2

(iv) JI9845Y320C2

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

Answer: (a)

2. Complete the series choosing the missing number:

3,7,12,_____,25

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

Answer: (b)

3. If 'RAM IS A GOOD BOY' is coded as 'JUQ SV U F L KZN', then 'ROAD' is coded as

(a) RZKL
(b) NZRU
(c) JZUL
(d) JSUL

Answer: (c)

4. CANCELLED

What is the selling price of an article costing Rs. 2 when sold for a gain of 8%?

(a) Rs.486
(b) Rs.586
(c) Rs.386
(d) Rs.286

Answer: (a)

6. In a certain code language, accept my offer means septa fok cofon, pay my bill means doka fok toda, pay by cash means zoda toda foda. Which is the word for bill in that code language?

(a) septa
(b) doka
(c) fok
(d) foda

Answer: (b)

7. CANCELLED

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

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

Answer: (d)

9. CANCELLED

Nishi brought a looker with 5% discount on the original price. She sold it for Rs.720 with 10% less of the purchase price. Approximately what the original price of the cooker?

(a) Rs.800
(b) Rs.840
(c) Rs.850
(d) Rs.1440

Answer: (d)

15. Complete the series choosing the missing number:

4,5,9,18,34,_____

(a) 43
(b) 49
(c) 50
(d) 59

Answer: (d)

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

1,3,7,15,31,65

(a) 3
(b) 65
(c) 31
(d) 7

Answer: (b)

20. CANCELLED

The average of 10 numbers is 42. What will be the average if each number is multiplied by 3?

(a) 42
(b) 64
(c) 84
(d) 108

Answer: (c)

23. If ‘x’ is 80% of y, what percentage of ‘x’ is ‘y’?

(a) 130%
(b) 120%
(c) 125%
(d) 128%

Answer: (c)

25. A train can travel 50 % faster than a car. Both start from point A at the same time and reach point B 60 km away from A at the same time. One the way, however, the train lost about 12. 5 minutes while stopping at stations. The speed of the car is

(a) 100 km
(b) 96 km
(c) 84 km
(d) 72 km

Answer: (b)

26. 848B8 + A508 = 9C406

(a) 8
(b) 6
(c) 4
(d) 9

Answer: (d)

Science and Simple Arithmetic

2. If the amplitude of the vibration producing sound becomes twice, the loudness of sound

(a) Increases by a factor of 2
(b) Increases by a factor of 3
(c) Increases by a factor of 4
(d) Increases by a factor of 8

Answer: (c)

3. Which one of the following is unlikely to be affected by a cyclone?
   (a) Chennai
   (b) Mangalore
   (c) Amritsar
   (d) Puri
   Answer: (c)

7. The perimeter of a square, which has a side of length 5 km is_____
   (a) 25 km
   (b) 10 km
   (c) 15 km
   (d) 20 km
   Answer: (d)

9. The type of waves produced by earth quake is
   (a) Ultrasonics
   (b) Infrasonics
   (c) Seismic waves
   (d) Tsunami waves
   Answer: (c)

16. Shearing is a process of
   (a) Removal of fleece
   (b) Separating hair of different textures
   (c) Washing of sheep fibre to remove th
   (d) Rolling of sheep fibre into yarn
   Answer: (a)

17. Name the second set of teeth that replaces milk teeth are the
   (a) Adult teeth
   (b) Permanent teeth
   (c) Temporary teeth
   (d) Strong teeth
   Answer: (b)

18. The human lungs are made up of tiny air sacs called_____
   (a) Wind pipe
   (b) Bronchi
   (c) Alveoli
   (d) Tracheoles
   Answer: (c)

25. Hot food remains warm for a longer period when packed in Aluminium foil because

(a) It is hygienic

(b) It absorbs heat

(c) It is a good conductor of heat

(d) It reflects heat and thereby keeps the food warm

Answer: (d)

26. Geetha purchased 35 kg of rice at the rate of Rs. 10 per kg and 30 kg at the rate of Rs. 9 per kg. She mixed the two. Approximately at what price per kg should she sell the mixture to make 35% profit in the transaction?

(a) Rs. 14

(b) Rs. 13

(c) Rs. 16

(d) Rs. 11

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

1	**(b)**	2	**(b)**	3	**(b)**	4	**(b)**	8	**(a)**	11	**(a)**
12	**(d)**	14	**(a)**	15	**(b)**	17	**(b)**	18	**(b)**	19	**(c)**
20	**(b)**	21	**(a)**	22	**(c)**	23	**(c)**	24	**(d)**	25	**(a)**
27	**(c)**	28	**(d)**	29	**(b)**	30	**(d)**	31	**(c)**	32	**(a)**
33	**(d)**	35	**(a)**	36	**(b)**	37	**(c)**	38	**(c)**	39	**(d)**

Mental Ability and Mental Aptitude

1	**(a)**	2	**(b)**	3	**(c)**	4	**(a)**	6	**(b)**	7	**(d)**
9	**(d)**	15	**(d)**	17	**(b)**	20	**(c)**	23	**(c)**	25	**(b)**
26	**(d)**										

Science and Simple Arithmetic

2	**(c)**	3	**(c)**	7	**(d)**	9	**(c)**	16	**(a)**	17	**(b)**
18	**(c)**	25	**(d)**	26	**(b)**						