PREVIOUS YEAR PAPER

MP Police Constable 2016 — 5 August 2016, Shift 2

MP Police Constable · 5 August 2016 · 12:00 PM

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

Left out of the original paper: 44 (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, 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-2016-5-aug-shift-2/

General and Logical Knowledge

1. 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) XW
(b) FG
(c) ML
(d) PO

Answer: (b)

2. This person was the first Indian recipient of the pr gious Nobel prize.

(a) Mother Teresa
(b) Rabindranath Tagore
(c) C V Raman
(d) Amartya Sen

Answer: (b)

3. ‘National Doctor’s Day’ is observed on the birthday of ___.

(a) Dr. Harsh Vardhan
(b) Dr. Devi Shetty
(c) Bidhan Chandra Roy
(d) Debendra Pradhan

Answer: (c)

6. Which one of the following refers to the first nuclear reactor of India?

(a) Rohini
(b) Urvashi
(c) Apsara
(d) Kamini

Answer: (c)

9. Where did Mohammed-bin- Tughlaq shift the capital of the Delhi Sultanate to?
   (a) Nagpur
   (b) Bhopal
   (c) Daulatabad
   (d) Yadgir
   Answer: (c)

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

Statements:

All advertisements are serials

All serials are movies

Conclusions:

I. All movies are serials

II. All advertisements are movies
   (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)

11. IRDA of India regulates and develops __ indu n India.
   (a) Banking
   (b) Investment
   (c) Mutual Funds
   (d) Insurance
   Answer: (d)

14. Born as Mahesh Das, this man became one of the nine jewels in Akbar's court
   (a) Birbal
   (b) Tansen
   (c) Faizi
   (d) Raja Todarmal
   Answer: (a)

17. Which of the following towns of Madhya Pradesh has one of the 12 jyothirlings of India?
   (a) Orchha
   (b) Maheshwar
   (c) Omkareshwar
   (d) Khajuraho
   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.

JTIS : HRGQ :: FPEO : ?

(a) CNDM
(b) CNDQ
(c) DNCM
(d) DCNQ

Answer: (c)

22. Rihand multipurpose project will supply power to

(a) Southern parts of Madhya Pradesh
(b) Northern parts of Madhya Pradesh
(c) Only Orissa and Chhattisgarh
(d) Central parts of Madhya Pradesh

Answer: (b)

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

Statements:

All actors are heroes

No actor is handsome

Conclusions:

I. Some actors are handsome

II. Those actors who are not heroes are handsome

(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)

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

Aeroplane, Train, Truck

(a) Speed
(b) Rooms
(c) Wheels
(d) Transport

Answer: (d)

26. Six persons A,B,C,D,E and F were playing a card game. A's father, mother and uncle were in the group. There were two females. B, the mother of A got more points than her husband. D got more points in the game than E but less than F. Niece of E got the lowest points. Father of A got more points than F but still could not win the game. Who stood second in the game?

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

Answer: (c)

27. Which branch of Archaeological Survey of India maintains gardens in different parts of the country?

(a) Horticulture branch
(b) Pisciculture branch
(c) Sericulture branch
(d) Apiculture branch

Answer: (a)

28. Matangeshwara Temple is located in _____.

(a) Khajuraho
(b) Chanderi
(c) Seoni
(d) Amarkantak

Answer: (a)

29. About 48% of total traffic on all the ports [illegible] is being recorded on the ports of

(a) Gujarat
(b) Andhra Pradesh
(c) Maharashtra
(d) Karnataka

Answer: (a)

30. Who was the Constitutional Advisor to the Constituent Assembly?

(a) Dr.Ambedkar
(b) Dr.Rajendra Prasad
(c) Jawaharlal Nehru
(d) B.N.Rao

Answer: (d)

31. A class of boys stands in a single line. One boy is nineteenth in order from both the ends. How many boys are there in the class?

(a) 27
(b) 37
(c) 38
(d) 39

Answer: (b)

32. Anitha ranks 9th from the top and the 5th from the end in a class of students. Find out the total number of students in the class.

(a) 15
(b) 12
(c) 13
(d) 14

Answer: (c)

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

Statements:

All scooters are vehicles

Some cars are vehicles

Conclusions:

I. Some scooters are cars

II. Some cars are scooters

(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)

34. Which of the following corresponds to the lowest rank in the context of the Indian parliamentary system?

(a) Minister of State with Independent Charge
(b) Minister of State
(c) Deputy Minister
(d) Cabinet minister

Answer: (c)

36. What is the day on 8th November 1995?
    (a) Monday
    (b) Tuesday
    (c) Wednesday
    (d) Thursday
    Answer: (c)

37. First Indian Woman to win a commonwealth gymnastics medal is ___ .
    (a) Deepika Kumari
    (b) Jwala Gutta
    (c) P.V. Sindhu
    (d) Dipa Karmakar
    Answer: (d)

38. ____ is the first private sector hydel project in the state of Madhya Pradesh?
    (a) Pench Hydel Project
    (b) Rajghat Hydel project
    (c) Maheshwar Hydel project
    (d) Birsinghpur Hydel project
    Answer: (c)

39. In which session of the Indian National Congress was it decided to declare Poorna Swaraj
    (a) Lahore session
    (b) Madras Session
    (c) Surat session
    (d) Haripur session
    Answer: (a)

40. Commonwealth Games was held in Delhi in the year____?
    (a) 2010
    (b) 2012
    (c) 2008
    (d) 2014
    Answer: (a)

Mental Ability and Mental Aptitude

1. A number consists of two digits. The digit at the tens place is two times the digit at the unit place. The number formed by reversing the digit is 27 less than the original number. Find the original number?
    (a) 33
    (b) 43
    (c) 53
    (d) 63
    Answer: (d)

2. If 5234 is encrypted as ‘RING’ and ‘6109’ as FAST how will 095234 be encrypted?

(a) STRNIG
(b) NGRIST
(c) STRING
(d) STRIGN

Answer: (c)

4. Complete the series choosing the missing number:

1,5,14,30,55,_____

(a) 93
(b) 91
(c) 90
(d) 92

Answer: (b)

6. Complete the series choosing the missing letter

_ _ bca _ _ ab _

(a) cabcc
(b) bccca
(c) bccac
(d) cabcb

Answer: (a)

9. If PLASTIC is coded as CITSALP, how will [illegible]R be coded as?

(a) REVIVER
(b) RIVER
(c) VIRVIER
(d) VERVIER

Answer: (a)

10. Complete the series choosing the missing number:

10,17,24,31,38,_____

(a) 43
(b) 45
(c) 44
(d) 46

Answer: (b)

12. The mean proportional between 0.008 and 0.002

(a) 0.4
(b) 0.0004
(c) 0.004
(d) 0.04

Answer: (c)

13. The depreciation of an article is 20%. The value of the article after three years will be less by

(a) 45%
(b) 48.8%
(c) 51.2%
(d) 60%

Answer: (c)

15. If A is written as 2, B as 4 and C as 6, then in the same encryption what does '12 10 10 8' stand for?

(a) DEEP
(b) DOOR
(c) DEER
(d) FEED

Answer: (d)

17. Prakash buys oranges for 3 rupees & equal numb ıt 2 rupees. He mixes them & sells at 5 for 2 rupees. Find his gain or loss percent.

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

Answer: (a)

19. The average of first 10 multiples of 5 is?

(a) 27.5
(b) 27
(c) 28
(d) 28.5

Answer: (a)

21. If 8514 is encrypted as 'HEAD', 3945 as 'RIDE' and 057 as 'BEG', what does the word 'GRADE' stands for?

(a) 13754
(b) 73145
(c) 41357
(d) 14735

Answer: (b)

22. The HCF and LCM of two numbers are 25 and 1750 respectively. If one of the numbers is 175, find the other number

(a) 250
(b) 200
(c) 240
(d) 260

Answer: (a)

23. A fruit seller buys 200 apples for Rs. 80 & sells it for Rs. 100. What is his profit Percent?

(a) 30%
(b) 35%
(c) 25%
(d) None of these

Answer: (c)

24. In a certain coded language, MORALE is coded as 296137 and CHARCOAL is coded as 45164913. What is the code for COACH in the code?

(a) 42864
(b) 39184
(c) 49145
(d) 38731

Answer: (c)

26. In the following question, one term in the numb eries is wrong. Find out the wrong term.

3,15,45,225,675,3370

(a) 3370
(b) 675
(c) 15
(d) 45

Answer: (a)

Science and Simple Arithmetic

2. When we place our palm in front of the moving ball, the speed of the ball

(a) Increases
(b) Decreases
(c) Becomes Zero
(d) Neither increases nor decreases

Answer: (b)

3. Which of the following statements is NOT correct?

(a) All green plants can prepare their own food

(b) Most animals are autotrophs

(c) Carbon di oxide is required for photosynthesis

(d) Oxygen is liberated during photosynthesis

Answer: (b)

5. When a beam of light falls on a convex lens it

(a) Converges

(b) Diverges

(c) Passes through

(d) Scatters

Answer: (a)

6. Dried sludge is used

(a) In waste water treatment

(b) As manure

(c) As food

(d) To kill microorganisms in soil

Answer: (b)

13. When a commodity is sold for Rs. 34, there is a loss of 15%. What is the cost price of the commodity?

(a) 50

(b) 40

(c) 60

(d) 70

Answer: (b)

14. Why are electric plugs and switches made of the polymer- Bakelite ?

(a) Because Bakelite is a poor conductor of electricity.

(b) Because Bakelite can be softened easily on heating.

(c) Because Bakelite can be remoulded and reused.

(d) Because Bakelite is very strong and hard to break.

Answer: (a)

15. Trees are important because

(a) They maintain the oxygen –carbon dioxide balance in nature

(b) They cause soil erosion

(c) They reduce the level of water table

(d) They increase greenhouse effect

Answer: (a)

20. Which of the following statements is false?
    (a) Diameter of a circle is twice its radius
    (b) Diameter is a chord of a circle, passing through the centre of the circle
    (c) Diameter of a circle is half of its radius
    (d) A diameter divides the circle to two equal halves

    Answer: (c)

21. What causes indigestion in human beings?
    (a) Lack of physical exercise.
    (b) Due to over eating.
    (c) Formation of excess base in the stomach.
    (d) Formation of excess acid in the stomach.

    Answer: (d)

22. Find the area of a triangle whose vertices are (1, -1), (-4, 6) and (-3, -5).
    (a) 12 square units
    (b) 48 square units
    (c) 24 square units
    (d) 96 square units

    Answer: (c)

27. An example for a unisexual flower
    (a) Mustard
    (b) Papaya
    (c) Rose
    (d) Hibiscus

    Answer: (b)

29. In man, nasal passage is lined with wet mucous membrane and hair. Give reason.
    (a) Hair covers all parts of our body
    (b) Both of them together, regulate temperature
    (c) Breathed in air, is filtered and moistened
    (d) Entry to the nasal passage is controlled

    Answer: (c)

30. Mohan picked a natural number and multiplied it by 3. Then _____ number cannot be the result of his multiplication.
    (a) 3987
    (b) 3968
    (c) 3786
    (d) 3789

    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	**(c)**	6	**(c)**	9	**(c)**	10	**(b)**
11	**(d)**	14	**(a)**	17	**(c)**	21	**(c)**	22	**(b)**	23	**(d)**
24	**(d)**	26	**(c)**	27	**(a)**	28	**(a)**	29	**(a)**	30	**(d)**
31	**(b)**	32	**(c)**	33	**(d)**	34	**(c)**	36	**(c)**	37	**(d)**
38	**(c)**	39	**(a)**	40	**(a)**						

Mental Ability and Mental Aptitude

1	**(d)**	2	**(c)**	4	**(b)**	6	**(a)**	9	**(a)**	10	**(b)**
12	**(c)**	13	**(c)**	15	**(d)**	17	**(a)**	19	**(a)**	21	**(b)**
22	**(a)**	23	**(c)**	24	**(c)**	26	**(a)**				

Science and Simple Arithmetic

2	**(b)**	3	**(b)**	5	**(a)**	6	**(b)**	13	**(b)**	14	**(a)**
15	**(a)**	20	**(c)**	21	**(d)**	22	**(c)**	27	**(b)**	29	**(c)**
30	**(b)**										