PREVIOUS YEAR PAPER

MP Police Constable 2016 — 5 August 2016, Shift 3

MP Police Constable · 5 August 2016 · 03:00 PM

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

Left out of the original paper: 41 (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, 03:00 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-3/

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) BEH
(b) CFI
(c) DGJ
(d) EHL

Answer: (d)

2. Who was conferred with the Arjuna Award for Cric in 2015?

(a) Virat Kohli
(b) Rohit Sharma
(c) Ravichandran Ashwin
(d) Ajinkya Rahane

Answer: (b)

3. The first well known rulers and founders of Maharashtra were _____.

(a) Vakatakas
(b) Satavahanas
(c) Chalukyas
(d) Yadavas

Answer: (b)

4. MICR, the full form of which is _____, is a technology which allows machines to read and process cheques.

(a) Magnetic Ink Code Recognition
(b) Magnetic Ink Colour Recognition
(c) Magnetic Ink Character Recognition.
(d) Mini Ink Character Recognition

Answer: (c)

6. Chandura is a dam commissioned in 2002. This is on the river_____.

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

Answer: (a)

8. Comptroller and Auditor General is appointed by the____.

(a) Vice-President
(b) Rajya Sabha
(c) Lok Sabha
(d) The President

Answer: (d)

9. Chitrakoot waterfall is formed by the river_____.

(a) Narmada
(b) Ken
(c) Chambal
(d) Indrawati

Answer: (d)

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

Statements:

All sweaters are coats

Some shirts are sweaters

Conclusions:

I. Some shirts are coats

II. All shirts are coats

(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)

11. Select the statement that is the negation of the statement "Jill is not shopping or Bob is not painting."

(a) Jill is not shopping or Bob is not painting

(b) If Jill is shopping, then Bob is not painting

(c) Jill is shopping if Bob is painting

(d) Jill is not shopping and Bob is not painting

Answer: (d)

12. Among five friends, Mohan is older than Raju but not as old as Lalit. Lalit is older than Neelesh and Kabir. Neelesh is younger than Raju but not the youngest. Who is the youth in the descending order of age?

(a) Mohan

(b) Raju

(c) None of these

(d) Can't be determined

Answer: (c)

15. Select the statement that is the negative of the statement "The car is a Mustang."

(a) The car is a Thunderbird

(b) The car is not a Mustang

(c) The truck is a Mustang

(d) None of these

Answer: (b)

16. There are five persons P,Q,R,S and T. One is football player, one is chess player and one is hockey player. P and S are unmarried ladies and do not participate in any game. None of the ladies play chess or football. There is a married couple in which T is the husband. Q is the brother of R and is neither a chess player nor a hockey player.

Who is the wife of T?

(a) P

(b) Q

(c) R

(d) S

Answer: (c)

17. New Delhi became the capital of India in

(a) 1911

(b) 1947

(c) 1950

(d) None of these

Answer: (a)

19. India's two seasonal winds namely north-east monsoon and south-west monsoon are called as _____and ____ respectively.

(a) Spring monsoon, Autumn monsoon
(b) Winter monsoon, summer monsoon
(c) Autumn monsoon, Spring monsoon
(d) Summer monsoon, Winter monsoon

Answer: (b)

20. If A+B means A is the son of B and B+C means B is the son of C, how is C related to A?

(a) C is the father of A
(b) C is the uncle of A
(c) C is the brother of A
(d) C is the grandfather of A

Answer: (d)

21. Which of the following animals does not lays eggs?

(a) Pigeon
(b) Bat
(c) Penguin
(d) All of them

Answer: (b)

23. In the following question, there is certain relation[illegible]p between the first two words. Choose the fourth word from the following options which has a [illegible]ilar kind of relation with the third word.

REDIFF: MAIL:: GOOGLE: ?

(a) SITE
(b) SERVICE
(c) SEARCH
(d) SEND

Answer: (c)

25. In which year was Akbar born?

(a) 1536
(b) 1542
(c) 1560
(d) 1558

Answer: (b)

26. Which award is given by Madhya Pradesh government to women for excellence in tribal, folk and traditional arts?

(a) Devi Ahilya Bai Award
(b) Tansen Award
(c) Kishore Kumar Award
(d) Lata Mangeshkar Award

Answer: (a)

27. The Vijayanagar kingdom was founded by

(a) ViraNarasimha
(b) SaluvaNarasimha
(c) Harihara and Bukka
(d) Vidyaranya

Answer: (c)

28. Who was the founder of the Telugu Desam Party and 10th Chief Minister of Andhra Pradesh?

(a) N Chandrababu Naidu
(b) D Purundehwari
(c) NT Rama Rao
(d) YS Jaganmohan Reddy

Answer: (c)

29. Who received the Rajiv Gandhi Khel Ratna Award 2011?

(a) Akshay Kumar
(b) Sushil Kumar
(c) Gagan Narang
(d) M.S. Dhoni

Answer: (c)

31. To which dynasty did Qutbuddin Aibak belong?

(a) Slave
(b) Lodi
(c) Khilji
(d) Maurya

Answer: (a)

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

Statements:

Some books are magazines

All magazines are articles

Conclusions:

I. Some books are articles

II. All books are articles

(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)

33. Who wrote "History of Dharmasastra"?

(a) Zakir Hussain
(b) Rajendra Prasad
(c) Dhondo Keshav Karve
(d) Pandurang Vaman Kane

Answer: (d)

34. A postman has to deliver post in 4 streets. Each street has 10 houses. He takes 1 min to deliver letter in each house and 5min to travel between each house in each street. He takes 30 min to go to the next street. His day starts at 9 AM and finishes off by 4 PM, with an hour of lunch break.

If all houses on 4 streets have to be delivered letter, then at what time should he start such that he finishes off his work by 4 PM?

(a) 9 AM
(b) 10 AM
(c) 11 AM
(d) 12 Noon

Answer: (a)

35. If mobile phone is turned on, then if someone cries then the rotator rotates. No one is crying, so the rotator must be stationary.

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

Answer: (b)

36. Abhinav told Bunty that Sunny is his father's nephew, Deepu is Abhinav's cousin but not brother of Sunny. How is Deepu related to Sunny?

(a) Father
(b) Mother
(c) Sister
(d) Aunt

Answer: (c)

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

Statements:

All screws are nails

All nails are bolts

Conclusions:

I. All screws are bolts

II. All bolts are screws

(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)

39. Rashtriya Alankaran Samaroh is held in_____.

(a) Indore
(b) Jabalpur
(c) Ujjain
(d) Bhopal

Answer: (d)

40. What is common between the dams Sanjay Sarovar and Sarati?

(a) Both have dry beds
(b) Both are the same size dams
(c) Both are in Wainganga river
(d) Both are in Narmada river

Answer: (c)

Mental Ability and Mental Aptitude

1. Complete the series choosing the missing number:

512, 64, 16, 8, 8, 16, ____

(a) 64
(b) 48
(c) 16
(d) 8

Answer: (a)

2. Complete the series choosing the missing letter

(a) efg
(b) dfg
(c) fgh
(d) ghi

Answer: (a)

4. An objective test was given to a group of 336.Candidates it was found that of the candidates gave all correct answers. How many of the candidates made one or more mistakes?

(a) 46
(b) 36
(c) 26
(d) 56

Answer: (d)

5. Four cards are drawn from a pack of 52 [illegible]ds. W[illegible]t is the probability that all the diamonds?

(a) 13C4/ 52C4
(b) 13C2/ 52C2
(c) 13C4/ 26C4
(d) 13C2/ 26C4

Answer: (a)

6. The value of x in (x+6) (x+2) =x is

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

Answer: (a)

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

(a) 59
(b) 34
(c) 9
(d) 20

Answer: (c)

11. If alphabets are encrypted as numbers ,S x T + U is equal to

(a) 401
(b) 420
(c) 421
(d) 402

Answer: (a)

12. In an election, a candidate who gets 64% of the votes is elected by a majority of 616 votes. What is the total number of votes polled?

(a) 2000
(b) 2100
(c) 2300
(d) 2200

Answer: (d)

14. Complete the series choosing the missing number:

1, 5, 11, 19, 29, ____

(a) 42
(b) 41
(c) 34
(d) 48

Answer: (b)

16. CANCELLED

The average of 1, 2, 3,4,5,6 and 7 is?

(a) 21
(b) 22
(c) 20
(d) 19

Answer: (c)

18. On selling Rickshaw for Rs. 2640 Sanjay loses 12%, for how much should he sell it to gain 12%?

(a) Rs.3460
(b) Rs.3260
(c) Rs.3160
(d) Rs.3360

Answer: (d)

20. Two pipes A and B can fill a tank in 10 and 15 minutes respectively. If both are opened at a time, then how long will it take to fill the tank?

(a) 2 min
(b) 3 min
(c) 5 min
(d) 6 min

Answer: (d)

22. If the cost price of 30 articles is equal to the selling price of 20 articles. Find the Profit percentage?

(a) 60%
(b) 70%
(c) 80%
(d) 50%

Answer: (d)

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

(i) QO090123G36

(ii) QO090123G36

(iii) QO098123G36

(iv) QO090123G36

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

Answer: (c)

24. A train 240m long is running at a speed of 72kmph. If it crosses a tunnel in 1min, then the length of the tunnel is/ 240

(a) 960 m
(b) 1000 m
(c) 820 m
(d) 780 m

Answer: (a)

25. The speed of a train is 15 m

(a) 45
(b) 54
(c) 40
(d) 38

Answer: (b)

27. The consequent of the ratio 2:7 is 28 then what is its antecedent?

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

Answer: (b)

28. What will be the next term in the series?

W, V, T, S, Q, P, N, M,_____

(a) I
(b) J
(c) K
(d) L

Answer: (d)

Science and Simple Arithmetic

4. Which structure is formed by the fertilized ovule?

(a) Ovary
(b) Fruit
(c) Seed
(d) Bud

Answer: (c)

10. The value of A, E, G and H in the division is _____

(a) 8, 5, 3 and 6
(b) 8, 3, 5 and 6
(c) 5, 8, 3 and 6
(d) 6, 5, 3 and 8

Answer: (a)

11. The LCM of 2a+6,+3a is

(a) 2a(a+3)
(b) 1
(c) 4a(a+3)
(d) 0

Answer: (a)

13. If an object absorbs light of all colours, it will appear

(a) Black
(b) Blue
(c) White
(d) Yellow

Answer: (a)

15. A focus point is _____.

(a) Where all light directed at that lens travels and turns

(b) Where all light directed at that lens bends

(c) Where all the light directed at that lens converges or diverges

(d) Where all light are vanished

Answer: (c)

17. When an object is heated ,the molecules that makeup the object

(a) Lose energy

(b) Become heavier

(c) Become lighter

(d) Begins to move faster

Answer: (d)

19. The part of the brain more developed in man is_____

(a) Cerebellum

(b) Olfactory lobes

(c) Medulla

(d) Cerebrum

Answer: (d)

24. The receiving chambers of the heart is_____

(a) Right auricle, Left auricle

(b) Right ventricle, right auricle

(c) Left auricle, left ventricle

(d) Left ventricle, right ventricle

Answer: (a)

25. Find the least number which is a perfect square and is divisible by each of the numbers 16, 20 and 24.

(a) 1600

(b) 3600

(c) 6400

(d) 14400

Answer: (b)

28. The value of x in (x+6) (x+2) =x is

(a) -4,-3

(b) -3,-2

(c) -1,-1

(d) -2,-2

Answer: (a)

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	**(d)**	2	**(b)**	3	**(b)**	4	**(c)**	6	**(a)**	8	**(d)**
9	**(d)**	10	**(a)**	11	**(d)**	12	**(c)**	15	**(b)**	16	**(c)**
17	**(a)**	19	**(b)**	20	**(d)**	21	**(b)**	23	**(c)**	25	**(b)**
26	**(a)**	27	**(c)**	28	**(c)**	29	**(c)**	31	**(a)**	32	**(a)**
33	**(d)**	34	**(a)**	35	**(b)**	36	**(c)**	37	**(a)**	39	**(d)**
40	**(c)**										

Mental Ability and Mental Aptitude

1	**(a)**	2	**(a)**	4	**(d)**	5	**(a)**	6	**(a)**	10	**(c)**
11	**(a)**	12	**(d)**	14	**(b)**	16	**(c)**	18	**(d)**	20	**(d)**
22	**(d)**	23	**(c)**	24	**(a)**	25	**(b)**	27	**(b)**	28	**(d)**

Science and Simple Arithmetic

4	**(c)**	10	**(a)**	11	**(a)**	13	**(a)**	15	**(c)**	17	**(d)**
19	**(d)**	24	**(a)**	25	**(b)**	28	**(a)**				