PREVIOUS YEAR PAPER

MP Police Constable 2016 — 20 July 2016, Shift 1

MP Police Constable · 20 July 2016 · 09:00 AM

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 20 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-2016-20-jul-shift-1/

General and Logical Knowledge

1. Where does River Tamsa also called as Toan originate?
   (a) Shahpura
   (b) Matkai Hills
   (c) Hoshangabad
   (d) Satna
   Answer: (d)

2. The term Grand Slam is associated with ____.
   (a) Tennis
   (b) Cricket
   (c) Carrom
   (d) Gymnastics
   Answer: (a)

3. What is the day on 8th December 2016?
   (a) Monday
   (b) Tuesday
   (c) Wednesday
   (d) Thursday
   Answer: (d)

7. Who designed the Madhya Pradesh Vidhan Bhavan?
   (a) Charles Correa
   (b) Mahendra Raj
   (c) Satish Gujral
   (d) Laurie Baker
   Answer: (a)

8. A number is greater than 3 but less than 8. Also it is greater than 6 but less than 10. The number is
   (a) 5
   (b) 6
   (c) 7
   (d) 8

   Answer: (c)

9. Koshak Mahal is located at_____.
   (a) Bhurhanpur
   (b) Naresar
   (c) Karian
   (d) Chanderi

   Answer: (d)

11. Find out the pair which is different from the other in the following question.
   (a) Beautiful and Handsome
   (b) Bother and worry
   (c) Cold and Chilly
   (d) Avoid and seek

   Answer: (d)

12. Six friends A,B,C,D,E and F are sitting in a closed r e facing the centre. E is to the left of D. C is between A and B. F is between E and A.

Who is in the either side of A?
   (a) D and E
   (b) B and D
   (c) E and F
   (d) C and F

   Answer: (d)

14. What is the State Animal of Chattisgarh?
   (a) Wild Buffalo
   (b) Barasingha
   (c) Sangai
   (d) Asiatic Lion

   Answer: (a)

15. Which of these countries does NOT border India?
   (a) Pakistan
   (b) China
   (c) Bangladesh
   (d) Thailand

   Answer: (d)

16. Which atomic power station in India is built completely indigenously?

(a) Kalpakkam
(b) Narora
(c) Rawat Bhata
(d) Tarapore

Answer: (a)

17. In column I are listed certain groups of individuals while in column II are listed some of the characteristics against each group of individuals which are common to each member of that group.

Which characteristics are found either in J or in K or in both but not in M?

(a) P,Q,T
(b) P,Q,R,S
(c) Q,R,S,T
(d) U,V,T

Answer: (a)

19. Venkatraman Ramakrishnan won the Nobel prize for his work in the following field:

(a) Chemistry
(b) Physics
(c) Medicine
(d) Economics

Answer: (a)

20. Ajay and Vijay are brothers. Aasha and [illegible] are sisters. Ajay's son is Kajal's brother. How Vijay is related to Aasha?

(a) Father
(b) Brother
(c) Grandfather
(d) Uncle

Answer: (d)

21. This period referred to as the golden age of Hinduism was under the rule of

(a) Kushans
(b) Guptas
(c) Mauryas
(d) Chedis

Answer: (b)

22. Who is known as the 'Milkman of India'?

(a) RS Sodhi
(b) Norman Borlaug
(c) GH Wilster
(d) V Kurien

Answer: (d)

23. Almost 90% of India's trade by volume and 70% by value is transported by __.
    (a) Rail Transport
    (b) Road Transport
    (c) Maritime Transport
    (d) Air Transport
    Answer: (c)

25. Who was the "nightingale of India"?
    (a) Sarojini Naidu
    (b) Annie Beasant
    (c) Captain Lakshmi
    (d) Rabidranath Tagore
    Answer: (a)

28. Satya Harish Chandra was written by
    (a) Bharatendu
    (b) Bhasa
    (c) Kalidasa
    (d) Veda Vyasa
    Answer: (a)

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

Statements :

Some buds are flowers

Some flowers are shrubs

Conclusions :

I. Some flowers are not shrubs

II. Some buds are not flowers
    (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. Select the option that is true about the Statements and Conclusions given:

Statements:

Some pens are rubber.

Some pens are daughters.

Conclusions:

I. Some daughters are rubber.

II. All pens are rubber.

(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)

32. The Martial Arts Academy of Madhya Pradesh is located at -

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

Answer: (c)

34. Six persons A,B,C,D,E and F were playing a 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 won the game?

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

Answer: (b)

35. Which of the following belongs to the same family as Grandfather, Father, and Brother?

(a) Baby
(b) Mother in law
(c) Son
(d) Daughter in law

Answer: (c)

36. A call center company had to arrange transportation for its employees. They asked for quotes from different provider agencies and the following are the options they got: A. This option allows having uniform rate for day and night trips. This would cost you Rs.1000 per trip.

B. This option has differential fare for day and night trips. Day trips would cost 700 per trip and night trips would be charged 1200 per trip.

C. This option charges depending on the total distance covered in a trip. It charges Rs.800 per trip if trip distance is more than 50 KM and Rs.1100 if trip distance is less than 50KM. Option C would be preferable to Option B if:

(a) If there are 3 day trips more than 50 KM
(b) If there are 3 day trips less than 50 KM
(c) If there are 4 day trips less than 50KM and 1 night trip less than 50 KM
(d) If there are 4 night trips less than 50KM

Answer: (d)

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

Statements:

All red are blues

Some red are greens

Conclusions:

I. Some blues are greens

II. Some greens are blues

(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)

38. Who has been the Governor of Madhya Pradesh who has also been the Speaker of the Lok Sabha?

(a) R P Gupta
(b) Bal Ram Jakhar
(c) B D Sharma
(d) K C Reddy

Answer: (b)

39. Indian Constitution has_____.

(a) 7 Schedules

(b) 9 Schedules

(c) 10 Schedules

(d) 12 Schedules

Answer: (d)

40. What was the birth name of Jahangir?

(a) Khurram

(b) Sher Shah

(c) Abdul Khan

(d) Salim

Answer: (d)

Mental Ability and Mental Aptitude

5. If 'SLEEP' is encrypted as 'XMKKB', 'SPEAR' is encrypted as 'XBKOY' and 'PULL' as 'BFMM', how will you encrypt 'PLEASURE'?

(a) XYKBMOKF

(b) KOXFYKBM

(c) BKMOXEKY

(d) BMKOXFYK

Answer: (d)

8. Complete the series choosing the missi[illegible]mb

400,441,484,_____

(a) 535

(b) 530

(c) 527

(d) 529

Answer: (d)

9. A and B together can complete a work in 24 days. A alone can complete it in 40 days. If B does the work only for half a day daily, then in how many days A and B together will complete the work?

(a) 24

(b) 30

(c) 36

(d) 32

Answer: (b)

10. The average of first 40 natural numbers is?

(a) 21
(b) 20
(c) 20.5
(d) 21.5

Answer: (c)

12. Mohit bought a stereo for Rs. 5863 & spent Rs. 1370 on its repairs then sold it for Rs. 5700 what is his loss percent?

(a) 6%
(b) 4%
(c) 5%
(d) 3%

Answer: (c)

13. Complete the series choosing the missing number:

(2,3), (3,5), (5,7),(7,11), _____

(a) (11,14)
(b) (11,12)
(c) (13,14)
(d) (11,13)

Answer: (d)

17. In a certain code SMILE is represented by 36490 and RUN is represented by 058. What does the code 90089 represent in the code?

(a) LRRNL
(b) RNLLR
(c) NRRLL
(d) LRLNN

Answer: (a)

18. The fourth proportional of the values 2.1, 3.5, 5.4 is

(a) 9.0
(b) 7.5
(c) 6.0
(d) 3.5

Answer: (a)

19. A dealer gets Rs. 470 more if instead of selling a table at loss of 10% it is sold at gain of 10%. Find the cost price of the table?

(a) 3350
(b) 4350
(c) 1350
(d) 2350

Answer: (d)

20. If a man walks at 12 km

(a) 100 km
(b) 120 km
(c) 80 km
(d) 75 km

Answer: (a)

23. If 'HARD' is encrypted as 1357 and 'SOFT' is encrypted as 2468, what does '21448' stand for?

(a) SHOOP
(b) SHOOL
(c) SCOOL
(d) SHOOT

Answer: (d)

25. In a certain code language INSERT is coded as J FSU then in that language PENETRATE is coded as:

(a) QFMFUSBUF
(b) QFOFUSBUG
(c) QFOFVSBUF
(d) QFOFUSBUF

Answer: (d)

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

(a) 16
(b) 128
(c) 510
(d) 1024

Answer: (c)

Science and Simple Arithmetic

2. When dilute Sulphuric acid is added to Lime water what would be the products formed ?

(a) Calcium carbonate & water.
(b) Calcium sulphate & water.
(c) Carbon dioxide gas and water.
(d) Sulphur dioxide gas and water.

Answer: (b)

7. Lenses are widely used in spectacle to

(a) Protect eyes from sore eye

(b) Prevention against conjunctivitis

(c) Help in the formation of the image

(d) Correct the eye defects

Answer: (d)

9. You would have heard of the word ' Pashmina'. What is Pashmina ?

(a) Silk obtained from Mulberry .

(b) Wool obtained from Kashmir goat.

(c) Leather obtained from cows.

(d) Synthetic fabric produced in the textile industry.

Answer: (b)

11. A table is offered for Rs. 1000 with 20% and 10% off. If in addition, a discount of 10% is offered on cash payment, then the cash price of the table is:

(a) Rs. 648

(b) Rs. 600

(c) Rs. 504

(d) Rs. 650

Answer: (a)

12. Which is the hottest part of the flame of a Bunsen burner?

(a) Innermost zone.

(b) Middle zone.

(c) Outermost zone.

(d) In between innermost and middle zone.

Answer: (c)

13. The most common example of a curved mirror is

(a) Plane mirror

(b) Rear view mirror

(c) Spherical mirror

(d) Looking mirror

Answer: (c)

14. The body can only move when the force of friction

(a) Is Equal to applied force

(b) Less than the applied force

(c) Greater than the applied force

(d) Zero

Answer: (b)

16. If x : y = 5 : 2, then the value of (8x + 9y) : (8x + 2y) is:
    (a) 26 : 61
    (b) 61 : 26
    (c) 29 : 22
    (d) 29 : 21
    Answer: (c)

18. Noise pollution is considered to be caused by sounds louder than
    (a) 100 dB
    (b) 50 dB
    (c) 120 dB
    (d) 150 dB
    Answer: (c)

20. Which of the following statements is false?
    (a) All equilateral triangles are similar
    (b) All 300 – 600 – 900 triangles are similar
    (c) All 450 – 450 – 900 triangles are similar
    (d) All isosceles triangles are similar
    Answer: (d)

22. The basic unit of speed is,
    (a) km/min
    (b) m/s
    (c) m/min
    (d) km/h
    Answer: (b)

23. Oxygen is transported to all the cells of the body by the
    (a) RBC
    (b) WBC
    (c) Platelets
    (d) Plasma
    Answer: (a)

28. The part of the thermometer that prevents mercury level from falling on its own is called the
    (a) Kink
    (b) Bulb
    (c) Glass tube
    (d) None of the above
    Answer: (a)

29. CANCELLED

The sum of two rational numbers is -7. If one of the number is –15/19, the other number is _____

(a) -118/19

(b) 118/-19

(c) -118/-19

(d) 118/19

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	**(a)**	3	**(d)**	7	**(a)**	8	**(c)**	9	**(d)**
11	**(d)**	12	**(d)**	14	**(a)**	15	**(d)**	16	**(a)**	17	**(a)**
19	**(a)**	20	**(d)**	21	**(b)**	22	**(d)**	23	**(c)**	25	**(a)**
28	**(a)**	29	**(d)**	31	**(d)**	32	**(c)**	34	**(b)**	35	**(c)**
36	**(d)**	37	**(c)**	38	**(b)**	39	**(d)**	40	**(d)**		

Mental Ability and Mental Aptitude

5	**(d)**	8	**(d)**	9	**(b)**	10	**(c)**	12	**(c)**	13	**(d)**
17	**(a)**	18	**(a)**	19	**(d)**	20	**(a)**	23	**(d)**	25	**(d)**
29	**(c)**										

Science and Simple Arithmetic

2	**(b)**	7	**(d)**	9	**(b)**	11	**(a)**	12	**(c)**	13	**(c)**
14	**(b)**	16	**(c)**	18	**(c)**	20	**(d)**	22	**(b)**	23	**(a)**
28	**(a)**	29	**(a)**								