PREVIOUS YEAR PAPER

MP Police Constable 2016 — 23 July 2016, Shift 3

MP Police Constable · 23 July 2016 · 03:00 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 23 July 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-2016-23-jul-shift-3/

General and Logical Knowledge

1. 'Vocalist' is related 'song' in the same way as 'player' is related to

(a) Game
(b) Victory
(c) Match
(d) Practice

Answer: (a)

2. Currently, Hyderabad is the capital of

(a) Andhra Pradesh Only
(b) Telangana Only
(c) Both Andhra Pradesh and Telangan
(d) Neither Andhra Pradesh nor Telangana

Answer: (c)

3. A courier agent has to deliver post in 3 streets. Each street has 5 houses. He takes 2 min to deliver letter in each house and 5min to travel between each house in each street. He takes 20 min to go to the next street. His day starts at 10 AM and finishes off by 3 PM, with no break in between.

If in each street only 2 houses has to be delivered with letter, what is the total time taken to deliver the letters?

(a) 60 minutes
(b) 65 minutes
(c) 67 minutes
(d) 69 minutes

Answer: (c)

6. The first Governor of Madhya Pradesh was_____.

(a) Ravishankar Shukla
(b) S N Sinha
(c) Pattabhi Sitaramayya
(d) Hari Vinayak Pataskar

Answer: (c)

7. A, M, D and G ran a race. A came third. M was not the first and G was not the last. D was immediately behind G. What was the order in which they finished?

(a) GDAM
(b) DGAM
(c) GMAD
(d) Cannot be determined

Answer: (a)

9. The President of India is

(a) The head of the State
(b) The head of the Government
(c) The head of the Parliament
(d) The head of the Judiciary

Answer: (a)

10. According to the 2011 Census of India,_____ is most populous tribe in Madhya Pradesh.

(a) Gond
(b) Bhil
(c) Korku
(d) Baiga

Answer: (b)

11. How many Union Territories are there in India?

(a) 9
(b) 7
(c) 5
(d) 10

Answer: (b)

13. Name the only Indian Prime Minister who never faced the Parliament during his tenure-

(a) Atal Behari Vajpayee
(b) Chaudhary Charan Singh
(c) Chandra Sekhar
(d) Vishwanath Pratap Singh

Answer: (b)

14. 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.

Mother: Daughter :: Father : ?

(a) Son
(b) Brother
(c) Boy
(d) Sister

Answer: (a)

15. Who is known as the 'Iron man of India'?

(a) Subhas Chandra Bose
(b) Bal Gangadhar Tilak
(c) Chandrashekar Azad
(d) Sardar Vallabhai Patel

Answer: (d)

16. Where was Gautama Buddha born?

(a) Kundagrama
(b) Kapilavastu
(c) Kashi
(d) Samastipur

Answer: (b)

17. ____is called the Manchester of India.

(a) Ahmedabad
(b) Allahabad
(c) Amritsar
(d) Hyderabad

Answer: (a)

19. In the following question, four words are given, out of which three are same in certain way and the remaining one is different. Find out the different one.

(a) Bird
(b) Crow
(c) Kite
(d) Pigeon

Answer: (a)

21. Mohenjodaro was discovered by

(a) RD Bannerjee
(b) DayaramSahni
(c) George Jule
(d) A V Alexander

Answer: (a)

22. Ratio of width of India’s national flag to its length is ___.
    (a) 2:3
    (b) 1.5:2
    (c) 3:2
    (d) 1.5:3
    Answer: (a)

23. Who did Sarojini Naidu succeed as President of the Indian National Congress?
    (a) Vallabhbhai Patel
    (b) Bhagat Singh
    (c) Mahatma Gandhi
    (d) Lord Mountbatten
    Answer: (c)

27. Name the shipyard situated on the Konkan coast?
    (a) Cochin
    (b) Kandla
    (c) Mazagon
    (d) Visakhapatnam
    Answer: (c)

30. Phanish when going to a pub found that he can’t take the right turn as it was blocked. He was forced to turn left. What is the possible course that he can take now?
    (a) Left, right, left
    (b) Right, right, left, right
    (c) Right, right, right, left
    (d) Right, left, right, left
    Answer: (c)

31. “Swarna” is another name for _____.
    (a) Tapti
    (b) Chambal
    (c) Narmada
    (d) Son
    Answer: (d)

32. If Monday means a lousy day, and it’s a lousy day today, then it’s not Monday.
    (a) True
    (b) False
    (c) May be
    (d) Irrelevant
    Answer: (c)

35. Pataleshwara Temple is located at_____.
    (a) Amarkantak
    (b) Mandhata
    (c) Nemawar
    (d) Terahi
    Answer: (a)

36. Who gave the slogan "Jai Jawan, Jai Kisan"?
    (a) Sardar Patel
    (b) Netaji Subhash Chandra Bose
    (c) Maulana Abdul Kalam Azad
    (d) Lal Bhahdur Shastri
    Answer: (d)

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

Statements:

All policies are laws

No law is a rule

Conclusions:

I. No policy is a rule

II. No rule is law
    (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)

38. Which one of these plays was written by Kalidasa?
    (a) Neel devi
    (b) Andhr Nagari
    (c) Satya Harish Chandra
    (d) Abhijnan Shakuntalam
    Answer: (d)

39. The Konkan Railway is between Mumbai and ___.
    (a) Goa
    (b) Mangalore
    (c) Cochin
    (d) Kanyakumari
    Answer: (b)

40. 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.

Suppose the postman has to cover only 2 streets with all houses. He started off at 9 AM. By what time will he finish off his work, assuming he took 1 hr lunch break?

(a) 12 Noon
(b) 1 PM
(c) 2 PM
(d) 3 PM

Answer: (b)

Mental Ability and Mental Aptitude

2. In the ratio 4:7, what positive number should be added to get the ratio as 5:6?

(a) 6
(b) 11
(c) 5
(d) 1

Answer: (b)

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

(i) TR45235J781

(ii) TR45235J781

(iii) TR45255J781

(iv) TR45235J781

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

Answer: (c)

5. A person gets Rs. x from salary and Rs. 3x from rent. How much does he earn in total?

(a) 4x
(b) 6x
(c) 3x
(d) 4

Answer: (a)

9. Complete the series choosing the missing number:

2,5,9,14,___,27

(a) 18
(b) 19
(c) 20
(d) 22

Answer: (c)

10. A student scored 86,92,77,95 and 75 marks out of 100 in five subjects. What is his average mark?

(a) 85
(b) 82
(c) 87
(d) 80

Answer: (a)

12. In a certain code, GATE is written as HBUF, then how is DEGREE coded?

(a) EFHTFE
(b) EEHTFF
(c) EFHSFF
(d) EEHTFE

Answer: (c)

15. An Iron box was brought for Rs. 770.75 and was d for a profit of Rs. 50.25. Find selling price of Iron box?

(a) Rs. 821
(b) Rs. 721
(c) Rs. 621
(d) Rs. 521

Answer: (b)

17. The ratio 6:5 expressed as a percentage equals

(a) 125%
(b) 140%
(c) 120%
(d) 130%

Answer: (c)

19. In a certain code, TEACHER is written as VGCEJGT, how is PROBLEM written?

(a) RTPDNGP
(b) RTQDNGO
(c) PTRDNGP
(d) RTQENGO

Answer: (b)

20. Complete the series choosing the missing number:

1,4,9,16,25,_____

(a) 35
(b) 36
(c) 48
(d) 49

Answer: (b)

25. A can do a work in 15 days and B can do the work in 10 days. How many days will take to complete the work, if they do simultaneously?

(a) 6 days
(b) 5 days
(c) 9 days
(d) 8 days

Answer: (a)

26. The value of 25P2 is

(a) 600
(b) 625
(c) 575
(d) 550

Answer: (a)

27. In the following question, one term in th[illegible]umb[illegible]eries is wrong. Find out the wrong term.

24,27,31,33,36

(a) 24
(b) 27
(c) 31
(d) 33

Answer: (c)

28. 20% of a quantity is Rs. 400, the quantity equals

(a) 200
(b) 800
(c) 2000
(d) 8000

Answer: (c)

30. A number consists of two digits whose sum is 7. If 9 is subtracted from the number, the digits are reversed. The number is

(a) 43
(b) 52
(c) 70
(d) 61

Answer: (a)

Science and Simple Arithmetic

2. Which of the following number is divisible by 3?

(a) 16215433
(b) 21279931
(c) 75913422
(d) 21546316

Answer: (c)

6. The strength of an electro magnet depends on

(a) The current passing through the coil
(b) The number of coils around the core
(c) The material with which the core and the coil is made
(d) Both A & B

Answer: (d)

8. If lines AB, AC, AD and AE are parallel to [illegible] between the points A, B, C, D and E _____

(a) forms a quadrilateral
(b) are collinear
(c) forms a pentagon
(d) forms a triangle

Answer: (b)

9. The plants need nitrogen to produce protein. They get the nitrogen in the form of

(a) Nitrogen gas from the atmosphere
(b) Nitrate salts from soil in the soluble form
(c) Ammonia
(d) Humus

Answer: (b)

10. History of agriculture developed at the beginning of

(a) Neolithic Period
(b) Paleolithic Period
(c) Iron Age
(d) Bronze Age

Answer: (a)

15. To draw water from a well, the rope is being

(a) Pushed

(b) Pulled

(c) Pushed or pulled

(d) Pushed & pulled

Answer: (b)

18. The angle of incidence for a reflection from a mirror is found to be 450. What is the angle between the reflected ray and the incident ray?

(a) 900

(b) 00

(c) 450

(d) 1800

Answer: (a)

19. Choose the statement that is wrong about `Metamorphosis'

(a) It is the transformation of an egg to adult

(b) Egg directly hatches out in to an organism, with the same adult features

(c) It passes through different stages

(d) The features of each stage of development is very different

Answer: (b)

20. Manoj received Rs. 6000 as his share out of the total profit of Rs. 9000 which he and Ramesh earned at the end of one year. If Manoj invested Rs 8000 for 6 months, whereas Ramesh invested his amount for the whole year, what was the amount invested by Ramesh?

(a) Rs. 4000

(b) Rs. 10000

(c) Rs. 5000

(d) Rs. 6000

Answer: (c)

21. What is the importance of Rhizobium?

(a) It turns compounds of nitrogen in to gaseous nitrogen

(b) It fixes atmospheric nitrogen

(c) It promotes ammonia formation

(d) It enhances decay of organic materials

Answer: (b)

23. A monthly installment of Rs.180 is required to be paid for repayment of an interest fee loan in 40 months. If it is decided to pay it in 30 months, how much will be the monthly installment in rupees?

(a) 60

(b) 240

(c) 330

(d) 300

Answer: (b)

27. Which of the following materials will you prefer for replacing the broken handle of your bread toaster?

(a) Brass
(b) Copper
(c) Aluminium
(d) Wood

Answer: (d)

29. The temperature of hot water is measured using

(a) Clinical thermometer
(b) Digital thermometer
(c) Maximum-minimum thermometer
(d) Laboratory thermometer

Answer: (d)

30. The organism which contantly changes its shape and position is

(a) Euglena
(b) Amoeba
(c) Paramoecium
(d) Cyanobacteria

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	**(a)**	2	**(c)**	3	**(c)**	6	**(c)**	7	**(a)**	9	**(a)**
10	**(b)**	11	**(b)**	13	**(b)**	14	**(a)**	15	**(d)**	16	**(b)**
17	**(a)**	19	**(a)**	21	**(a)**	22	**(a)**	23	**(c)**	27	**(c)**
30	**(c)**	31	**(d)**	32	**(c)**	35	**(a)**	36	**(d)**	37	**(a)**
38	**(d)**	39	**(b)**	40	**(b)**						

Mental Ability and Mental Aptitude

2	**(b)**	4	**(c)**	5	**(a)**	9	**(c)**	10	**(a)**	12	**(c)**
15	**(b)**	17	**(c)**	19	**(b)**	20	**(b)**	25	**(a)**	26	**(a)**
27	**(c)**	28	**(c)**	30	**(a)**						

Science and Simple Arithmetic

2	**(c)**	6	**(d)**	8	**(b)**	9	**(b)**	10	**(a)**	15	**(b)**
18	**(a)**	19	**(b)**	20	**(c)**	21	**(b)**	23	**(b)**	27	**(d)**
29	**(d)**	30	**(b)**								