PREVIOUS YEAR PAPER

MP Police Constable 2016 — 9 August 2016, Shift 3

MP Police Constable · 9 August 2016 · 03:00 PM

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

Left out of the original paper: 39 (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 9 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-2016-9-aug-shift-3/

General and Logical Knowledge

1. Who was elected to the office of President as an independent candidate?

(a) Dr. Rajendra Prasad
(b) V.V. Giri
(c) Sanjeeva Reddy
(d) Dr. Zakir Hussain

Answer: (b)

3. A, B, C, D, E and F are members of a club. There ar wo married couples in the group. A is the brother of D's husband. C is the president of All India orking Women's Association. F, a sitarist, is a bachelor. B's wife is not a member of the club. Fo f them belong to the same family. B and F are colleagues in the same organization. W ich of following groups consist of the members of the same family?

(a) ABED
(b) BCDE
(c) ADEF
(d) ACDE

Answer: (d)

4. Which one of these is a famous port on the western coast of India?

(a) Nhavasheva
(b) Paradeep
(c) Tuticorin
(d) Port Blair

Answer: (a)

6. Who wrote the book "The Argumentative Indian"?

(a) PN Bhagwati
(b) Amartya Sen
(c) Arvind Panagariya
(d) Raghuram Rajan

Answer: (b)

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

Statements:

Some ants are mosquitoes

Some ants are spiders

Conclusions:

I. Some mosquitoes are not spiders

II. Some mosquitoes are spiders

(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)

10. Which is India's first city to have its own City Animal?

(a) Gaya
(b) Ranchi
(c) Patna
(d) Guwahati

Answer: (d)

11. How many times 'E' precedes the consonant in the word, 'UNPRECEDENTED'?

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

Answer: (d)

12. Who holds the power of Judicial Review in India?

(a) The Parliament
(b) The Supreme Court
(c) The Prime Minister
(d) The President

Answer: (b)

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

Statements:

All games are sports

All sports are races

Conclusions:

I. All races are games

II. All games are races

(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)

15. Which of the following districts of Madhya Pradesh shares it borders with Uttar Pradesh and Chattisgarh?

(a) Rewa
(b) Anuppur
(c) Singrauli
(d) Shahdol

Answer: (c)

16. Which of the following belongs to the same family as Mumbai, Kolkata and Cochin?

(a) Delhi
(b) Kanpur
(c) Chennai
(d) Sholapur

Answer: (c)

17. Directions: 5 persons are sitting in row. One of the two persons at the extreme ends is intelligent and other one is fat. A fat person is sitting to the right of a weak person. A tall person is to the left of the fat person. And the weak person is sitting between the intelligent and fat person

Fat person is sitting on whose left hand side?

(a) Intelligent
(b) Fair
(c) Weak
(d) Tall

Answer: (d)

18. Panini wrote a book on grammar. Which book was it?

(a) Ashtadhyayi
(b) Meghadhootha
(c) Satapatha
(d) Dhanurveda

Answer: (a)

19. Chandigarh is the capital of _____ and _____.

(a) Punjab and Jammu & Kashmir
(b) Punjab and Uttaranchal
(c) Punjab and Himachal Pradesh
(d) Punjab and Haryana

Answer: (d)

20. The nodal agency of the Government of India to disseminate information to the print and electronic media on government policies is:

(a) Press Information Bureau
(b) Press Trust of India
(c) United News of India
(d) Press Council of India

Answer: (a)

21. Which among the following districts does not bel g to the Bhopal police range?

(a) Sehore
(b) Rajgarh
(c) Vidisha
(d) Chhindwara

Answer: (d)

22. Which was the oldest university of the Indian subcontinent?

(a) Nalanda University
(b) Taxila University
(c) Benaras Hindu University
(d) Magadh University

Answer: (b)

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

(a) Oil and lamp
(b) Water and Ice
(c) Grandfather and Grandson
(d) Father in law and son in law

Answer: (a)

26. Which dam is being built on the Narmada river approx. 10 km from Punasa village in Khandwa district in Western Madhya Pradesh?

(a) Halali Dam
(b) Jobat Dam
(c) Indira Sagar Dam
(d) Tawa Dam

Answer: (c)

27. What is the minimum age for a person to become the Prime Minister of India?

(a) 21 years
(b) 25 years
(c) 35 years
(d) 30 years

Answer: (b)

29. Bina and Dhasaan are tributaries of which river

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

Answer: (d)

30. _____was the captain of Indian Women's Cric team who was born in Madhya Pradesh.

(a) Sandhya Agarwal
(b) Anjum Chopra
(c) Mithali Raj
(d) Shubangi Kulkarni

Answer: (a)

32. In 2008, who received the first copy of the e-passport in India?

(a) Priyanka Chopra
(b) Pratibha Patil
(c) Sonia Gandhi
(d) Sachin Tendulkar

Answer: (b)

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

Statements:

All huts are buildings

No building is a flat

Conclusions:

I. No hut is a flat

II. No flat is a building

(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)

35. 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 t . Day trips would cost 700 per trip and night trips would be charged 1200 per trip.

C. This option charges depending on the t ist e covered in a trip. It charges Rs.800 per trip if trip distance is more than 50 KM and Rs.1100 i istance is less than 50KM. If the company has 3 days and 3 nights trips all exceeding 50 KM per day, which option would be the best?

(a) A
(b) B
(c) C
(d) Either A or B or C

Answer: (c)

37. Farakka Barrage Project is designed for preservation and maintenance of _____.

(a) Kochi port
(b) Tuticorin port
(c) Kolkata port
(d) Mangalore port

Answer: (c)

38. If cream cracker means computer programming, and its cream cracker, then it's programming.
    (a) True
    (b) False
    (c) Maybe
    (d) Irrelevant
    Answer: (a)

39. Where is the Nauradhi Sanctuary located in____
    (a) Morena
    (b) Rewa
    (c) Banjar
    (d) Sagar
    Answer: (d)

Mental Ability and Mental Aptitude

1. Complete the series choosing the missing number:

2,6,12,20,30,42,_____
    (a) 50
    (b) 53
    (c) 56
    (d) 58
    Answer: (c)

2. In the following question, one term in the nu. series is wrong. Find out the wrong term.
    (a) 1236
    (b) 3456
    (c) 4566
    (d) 5686
    Answer: (d)

3. A man brought apples at 10 for Rs. 25 & sold them at Rs. 25 per dozen. Find his gain or loss percent?
    (a) 8 %
    (b) 4 %
    (c) 16 %
    (d) 2 %
    Answer: (c)

4. If ‘MONKEY’ is encrypted as ‘XDJMNL’, how ‘TIGER’ will be encrypted as?

(a) QDFHS
(b) SHFDQ
(c) SDFHS
(d) QDHJS

Answer: (a)

5. If ‘SISTER’ is encrypted as ‘535301’, ‘UNCLE’ is encrypted as ‘84670’ and ‘BOY’ as ‘129’, how will ‘SON’ be encrypted?

(a) 524
(b) 923
(c) 342
(d) 872

Answer: (a)

6. If ‘ROAD’ is encrypted as ‘URDG’, how ‘SWAN’ will be encrypted as?

(a) VXDQ
(b) VZCQ
(c) UXDQ
(d) VZDQ

Answer: (d)

12. Fresh fruit contain 62% of water and dry fruit co n 24% of water. How much dry fruit can be obtained from 100 kg of fresh fruit?

(a) 48 kg
(b) 45 kg
(c) 40 kg
(d) 50 kg

Answer: (d)

13. If ‘RAM IS A GOOD BOY’ is coded as ‘JUQ SV U RZZL KZN’, then ‘GRASS’ is coded as

(a) RJUVV
(b) UJQSS
(c) VVUJR
(d) RLKZZ

Answer: (a)

14. Three dice are thrown simultaneously. What is the probability of getting 6 on all the three?

(a) 1/36
(b) 1/2
(c) 1/216
(d) 1/6

Answer: (c)

15. A number is decreased by 10% and then increased by 20%. By what percent should the increased number be reduced so as to get back the original number?

(a) 8%
(b) 10%
(c) 7%
(d) 6%

Answer: (c)

18. A man travels to a place at an average speed of 50 kmph and returns at 30 kmph. What is his average speed for the whole journey in kmph?

(a) 37
(b) 37.5
(c) 36
(d) 36.5

Answer: (b)

19. CANCELLED

A can do a work in 12 days and B in 16 days. They undertook to do it for Rs. 6000. With the help of 'C' they completed the work in 6 days. What is the share of B?

(a) Rs. 2160
(b) Rs. 1440
(c) Rs. 1240
(d) Rs. 750

Answer: (d)

22. Three dice are thrown simultaneously. What is the probability of getting the same number on all the dice?

(a) 1/36
(b) 1/216
(c) 1/2
(d) 1/6

Answer: (a)

23. Salim had to sell vegetables worth Rs 5750 for Rs 4500 due to heavy rainfall.What is loss percentage that he has incurred?

(a) 21.74%
(b) 22.74%
(c) 23.74%
(d) None of these

Answer: (a)

24. Complete the series choosing the missing number:

1000, 729,512,____, 216

(a) 343
(b) 347
(c) 345
(d) 340

Answer: (a)

26. Two numbers are in the ratio 3:2 and their sum is 30. Find the smaller of the two numbers?

(a) 10
(b) 8
(c) 12
(d) 16

Answer: (c)

29. If SINGER is coded as RIGNES, then DANCER is coded as

(a) REGNIS
(b) DANREC
(c) RECNAD
(d) RACNED

Answer: (d)

30. When digits of a two digits numbers are reverse[illegible].s value gets 9 more than the original number. If the sum of the numbers is 7, find the num[illegible]

(a) 83
(b) 64
(c) 73
(d) 34

Answer: (d)

Science and Simple Arithmetic

1. A shopkeeper professes to sell all things at a discount of 10%, but increases the selling price of each article by 20%. His gain on each article is:

(a) 8%
(b) 10%
(c) 12%
(d) 9%

Answer: (a)

3. If perimeter of a square is 256 m, find the length of each side of this square.

(a) 16 m
(b) 12 m
(c) 64 m
(d) 32 m

Answer: (c)

4. 4)

The bulb of the thermometer contains

(a) Alcohol
(b) Water
(c) Mercury
(d) Acid

Answer: (c)

5. Which of the following is a chemical preservative?

(a) Sodium metabisuphite
(b) Sodium glutamate
(c) Mono sodium glutamate
(d) Calcium benzoate

Answer: (a)

6. The balance of Oxygen and Carbon dioxide in na e is controlled by

(a) Human beings
(b) Green plants
(c) Microbes
(d) Modern technology

Answer: (b)

9. The small openings at the back of the leaves through which plants breathe are known as

(a) Lamina
(b) Midrib
(c) Stomata
(d) Veins

Answer: (c)

10. A book shelf has magazines which have either 48 or 52 pages. If so which one of the following numbers cannot be the total number of pages of all the magazines on the bookshelf? _____

(a) 500
(b) 524
(c) 568
(d) 588

Answer: (b)

16. Human ear can hear sounds of frequencies
(a) Below 20 Hz
(b) Between 20 Hz to 20000 Hz
(c) Between 60 Hz to 13000 Hz
(d) Above 20000Hz
Answer: (b)

20. Dentists use concave mirror to see
(a) Clear image of the teeth
(b) Correct image of the teeth
(c) Enlarged image of the teeth
(d) Erect image of the teeth
Answer: (c)

21. CANCELLED

Which one of the following food chain can exist in nature?
(a) Grass → insects → frog
(b) Insects → frog → snake
(c) Frog → snake → eagle
(d) Worms → sparrow → cat
Answer: (a)

23. Identify the pollutant responsible for damaging the ozone layer in the atmosphere.
(a) Methane
(b) CFC
(c) CNG
(d) Nitrogen dioxide
Answer: (b)

25. Suppose x varies inversely as square of y and when y =3, then x = 4. Find x, when y = 6
(a) 36
(b) 4
(c) 3
(d) 1
Answer: (d)

27. The letters of english alphabet that do not get laterally inverted are
(a) A, H, P, M
(b) I, B, C, O
(c) U , V , W, X
(d) N ,L , T , R
Answer: (c)

28. The breathing process involves
    (a) Inhalation
    (b) Exhalation
    (c) Release of energy
    (d) Both inhalation and exhalation

    Answer: (d)

30. Which of the following set of substances contain base?
    (a) Grapes, vinegar
    (b) Soap, milk of magnesia
    (c) Vinegar, soap
    (d) Curd, milk of magnesia

    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)**	3	**(d)**	4	**(a)**	6	**(b)**	8	**(d)**	10	**(d)**
11	**(d)**	12	**(b)**	14	**(b)**	15	**(c)**	16	**(c)**	17	**(d)**
18	**(a)**	19	**(d)**	20	**(a)**	21	**(d)**	22	**(b)**	25	**(a)**
26	**(c)**	27	**(b)**	29	**(d)**	30	**(a)**	32	**(b)**	33	**(a)**
35	**(c)**	37	**(c)**	38	**(a)**	39	**(d)**				

Mental Ability and Mental Aptitude

1	**(c)**	2	**(d)**	3	**(c)**	4	**(a)**	5	**(a)**	6	**(d)**
12	**(d)**	13	**(a)**	14	**(c)**	15	**(c)**	18	**(b)**	19	**(d)**
22	**(a)**	23	**(a)**	24	**(a)**	26	**(c)**	29	**(d)**	30	**(d)**

Science and Simple Arithmetic

1	**(a)**	3	**(c)**	4	**(c)**	5	**(a)**	6	**(b)**	9	**(c)**
10	**(b)**	16	**(b)**	20	**(c)**	21	**(a)**	23	**(b)**	25	**(d)**
27	**(c)**	28	**(d)**	30	**(b)**						