PREVIOUS YEAR PAPER

MP Police Constable 2016 — 1 August 2016, Shift 1

MP Police Constable · 1 August 2016 · 09:00 AM

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

Left out of the original paper: 46 (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 1 August 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-2016-1-aug-shift-1/

General and Logical Knowledge

1. The first port to be developed in Gujarat after independence is

(a) Kandla
(b) Kutcch
(c) Marmagoa
(d) Paradeep

Answer: (a)

2. In the following question, there is certain relationsh[illegible]etween the first two terms. Choose the third term from the following options which has a sim[illegible]kind of relation with the fourth term.

BLOCKED : YOLXPVW : : ? : OZFMXS

(a) RESULT
(b) LAUNCH
(c) DEBATE
(d) LABOUR

Answer: (b)

3. IRDA in India regulates_____

(a) Banking business
(b) Insurance business
(c) Capital business
(d) Public issue of shares

Answer: (b)

4. Aditya ranks 7th from the end and 6th from the top in a class of students. Find out the total number of students in the class

(a) 10
(b) 11
(c) 12
(d) 14

Answer: (c)

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

Wheat, Barley, Rice

(a) Food
(b) Gram
(c) Cereal
(d) Agriculture

Answer: (c)

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

Statements:

All lambs are hares.

Some bicycles are not lambs.

Conclusions:

I. All bicycles are hares.

II. Some bicycles are hares.

(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 follow

Answer: (d)

8. The largest density of tigers in India is found in the_____.

(a) Kahna National Park
(b) Bandhvagarh Sanctuary
(c) Van Vihar Park
(d) Panna Sanctuary

Answer: (b)

9. Select the statement that is the negation of the statement "All swans are stately."

(a) Some swans aren't stately.
(b) No swans are stately.
(c) Some swans are stately.
(d) None of the above

Answer: (a)

11. Name the illustrious son of Padma Bhushan awardee Hafiz Ali Khan.
    (a) Amjad Ali Khan
    (b) Hari Prasad Chaurasia
    (c) Shiv Kumar Sharma
    (d) Zakir Hussain
    Answer: (a)

13. Which of these languages is not represented on the language panel of Indian banknotes?
    (a) Bhojpuri
    (b) Bengali
    (c) Urdu
    (d) Tamil
    Answer: (a)

14. Who was the first Chief Justice of India?
    (a) S.H. Kapadia
    (b) K.G. Balakrishnan
    (c) Hari Lal J. Kania
    (d) M.P. Shastri
    Answer: (c)

16. The Kohira dam is located in the
    (a) Kaimur District
    (b) Shivpuri
    (c) Rewa
    (d) Dhar
    Answer: (a)

17. Who renounced his knighthood after the Jallianwala Bagh massacre?
    (a) Rabindranath Tagore
    (b) Jinnah
    (c) C.V. Raman
    (d) S.P. Sinha
    Answer: (a)

18. Panch tantra was written by
    (a) Vishnu Sharma
    (b) Kalidasa
    (c) Tulsi Das
    (d) Ranna
    Answer: (a)

19. Which among the following is a relatively new district of Madhya Pradesh?
    (a) Rewa
    (b) Morena
    (c) Annuppur
    (d) Dewas
    Answer: (c)

20. The Prime Minister must be a member of
    (a) Lok Sabha
    (b) Rajya Sabha
    (c) Any House of the Parliament
    (d) Any State Legislature
    Answer: (c)

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

Statements:

All hens are cocks

Some cocks are chicks

Conclusion:

I. No chick is hen

II. Some hens are chicks
    (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)

23. Who is the author of 'Wings of Fire'?
    (a) Nandan Nilekeni
    (b) Dr. A P J Abdul Kalam
    (c) Khushwant Singh
    (d) Gurucharan Das
    Answer: (b)

24. Out of the four dams across river Chambal the first one was
    (a) Indira Sagar
    (b) Gandhi Sagar
    (c) Jawahar Sagar
    (d) Ranapratap
    Answer: (a)

25. CANCELLED

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

Statements:

All hens are cocks

Some cocks are chicks

Conclusion:

I. All photos are laminations

II. All laminations are photos

(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)

26. 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) VT
(b) MQ
(c) PR
(d) FG

Answer: (d)

27. Jawahar Lal Nehru Award for International Understanding for 2015 has been given to ____

(a) Sultan Kabus Bin
(b) Wangari Mathai
(c) Angela Merkel
(d) Robert Mugabe

Answer: (d)

29. Which is the imaginary place used in RK Narayan's stories?

(a) Malgudi
(b) Nalguri
(c) Malguri
(d) Nalgudi

Answer: (a)

30. Which of these states of India has only two districts?

(a) West Bengal

(b) Sikkim

(c) Goa

(d) Uttar Pradesh

Answer: (c)

31. Which is the first monument from Rajasthan to appear on the list of UNESCO World Heritage sites?

(a) Birla Planetarium

(b) Vijay Stambh

(c) Taj Mahal

(d) Jantar Mantar

Answer: (d)

32. If its cookie or coffee then you get mileage and speed. You get mileage but not speed then either it neither was a cookie nor was it coffee.

(a) True

(b) False

(c) Maybe

(d) Irrelevant

Answer: (a)

34. City Fruits orders Apples from Himachal Prades[illegible]he transportation cost of apples is Rs.200 per kg and cost of storing them in a cold st[illegible]ge i[illegible].100 per Kg. Right now there are 100 Kgs of apples in the storage. City Fruits plans to pla[illegible]der.

Suppose in the next month the price of apple is going to increase to Rs. 400 per kg. The demands for the next 2 months are perceived to be 500 Kg each month. How much would the store order given the storing and transportation costs?

(a) 400 Kg

(b) 500 Kg

(c) 900 Kg

(d) 1200 Kg

Answer: (c)

35. What is the day on 23rd Feb 2076?

(a) Monday

(b) Tuesday

(c) Wednesday

(d) Sunday

Answer: (d)

39. In a row of boys, A is thirteenth from the left and D is seventeenth from the right. If in this row A is eleventh from the right then what is the position of D from the left?

(a) 6th
(b) 7th
(c) 10th
(d) 12th

Answer: (b)

Mental Ability and Mental Aptitude

3. If FOOD is coded as DNOE and BEAR as ZDAS, how is CALM coded as?

(a) ABLN
(b) ZALN
(c) AZLN
(d) ZNAL

Answer: (c)

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

(i) YZ1235YQ5

(ii) YZ1235YQ5

(iii) YZ1235YQ5

(iv) YZ1253YQ5

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

Answer: (d)

5. Complete the series choosing the missing number:

7, 9, 13, 21, ____

(a) 37
(b) 42
(c) 30
(d) 27

Answer: (a)

8. If LONAVLA is coded as NOLAAVL and GUJARAT as JUGATAR, how is HARYANA coded as?

(a) RYAHANA
(b) RAYHNAA
(c) RAHYANA
(d) RAYHANA

Answer: (c)

10. Complete the series choosing the missing number:

1/2 , 3/4 , 5/8 , 7/16, _____

(a) 9/32
(b) 9/20
(c) 9/24
(d) 9/36

Answer: (a)

12. The probability that a student will receive grades A, B, C or D are 0.40, 0.35,0.15 and 0.10 respectively. What is the probability that a student will not receive 'D' grade? /0.40,

(a) 0.10
(b) 0.90
(c) 0.75
(d) 0.85

Answer: (b)

13. If DOLPHIN is coded as EPMQIJO then [illegible]ER is coded as

(a) NJDSQNDUDS
(b) NKDSPNDUDS
(c) NJDSPNDUDS
(d) NJDSPNFUFS

Answer: (d)

15. CANCELLED

The value of nCr exists if

(a) $n \geq r$
(b) $n > r$
(c) $n \leq r$
(d) $n < r$

Answer: (a)

17. A train moves with a seed of 54 km

(a) 12
(b) 15
(c) 18
(d) 10

Answer: (b)

19. Rs.4800 is divided in the ratio 5:7.What is the value of the smaller amount?

(a) 2800
(b) 2000
(c) 1800
(d) 1900

Answer: (b)

20. CANCELLED

Mohammed brought television set for Rs. 12000. Later sold it for Rs.10000. What is his loss percent?

(a) 16.4%
(b) 15.4%
(c) 14.4%
(d) 13.4%

Answer: (b)

21. Anil's expenditure is 60% of his income. If his expenditure increases by Rs. 2700 with 10% raise in his income, the percentage goes up to 7[illegible] What is his original income?

(a) Rs. 13200
(b) Rs. 12000
(c) Rs. 9900
(d) Rs. 7200

Answer: (b)

22. Three successive discount of 10% , 20% and 25% are equivalent to

(a) 45%
(b) 48%
(c) 46%
(d) None of these

Answer: (c)

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

2,15,41,80,134

(a) 15
(b) 80
(c) 134
(d) 41

Answer: (c)

Science and Simple Arithmetic

3. Bryophyllum is able to reproduce vegetatively by

(a) Stem
(b) Leaf
(c) Root
(d) Buds present in the margin of the leaves

Answer: (d)

6. The sequence of events in a water cycle is

(a) Evaporation, condensation, hibernation
(b) Precipitation, condensation, transpiration
(c) Evaporation, condensation, precipitation
(d) Transpiration ,dehydration, condensation

Answer: (c)

8. Any straight line drawn through the center to ...osite points of the circle is called

(a) Radius
(b) Diameter
(c) Chord
(d) Segment

Answer: (b)

9. Factors that contribute to the development of cyclone

(a) Wind speed
(b) Wind direction
(c) Temperature
(d) All of the above

Answer: (d)

13. An almost pure form of carbon used in the manufacture of steel is

(a) coal
(b) charcoal
(c) coke
(d) both B and C

Answer: (c)

16. The green pigment in plants, responsible for the process of photosynthesis is

(a) Chloroplast
(b) Chlorophyll
(c) Xanthophyll
(d) Leucopene

Answer: (b)

21. The source of sound used in medical & surgical diagnosis in hospitals is

(a) Infrasonic sound
(b) Ultrasonic sound
(c) Audible sound
(d) Supersonic sound

Answer: (b)

23. Which one of the following is not a product of the forest?

(a) Gum,rubber
(b) Spices,oils
(c) Fodder,medicines
(d) Kerosene,diesel

Answer: (d)

25. CANCELLED

In a ABC, D and E are points on the sides AB and AC respectively, such that DE || BC. If AD = 7, AE = 8, DB = x – 4 and EC = 3x – 19, find x.

(a) 11
(b) 5
(c) 8
(d) 10

Answer: (a)

28. Soil is formed by the breaking down of rocks by the action of wind water and climate. Name the process

(a) Soil profile
(b) Weathering
(c) Soil erosion
(d) Soil formation

Answer: (b)

30. Choose the statement that is wrong about Amoeba

(a) Have pseudopodia
(b) Are multicellular
(c) Parasitic amoeba causes dysentery
(d) It can be seen in pond water

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	**(b)**	3	**(b)**	4	**(c)**	5	**(c)**	7	**(d)**
8	**(b)**	9	**(a)**	11	**(a)**	13	**(a)**	14	**(c)**	16	**(a)**
17	**(a)**	18	**(a)**	19	**(c)**	20	**(c)**	22	**(d)**	23	**(b)**
24	**(a)**	25	**(a)**	26	**(d)**	27	**(d)**	29	**(a)**	30	**(c)**
31	**(d)**	32	**(a)**	34	**(c)**	35	**(d)**	39	**(b)**		

Mental Ability and Mental Aptitude

3	**(c)**	4	**(d)**	5	**(a)**	8	**(c)**	10	**(a)**	12	**(b)**
13	**(d)**	15	**(a)**	17	**(b)**	19	**(b)**	20	**(b)**	21	**(b)**
22	**(c)**	28	**(c)**								

Science and Simple Arithmetic

3	**(d)**	6	**(c)**	8	**(b)**	9	**(d)**	13	**(c)**	16	**(b)**
21	**(b)**	23	**(d)**	25	**(a)**	28	**(b)**	30	**(b)**		