PREVIOUS YEAR PAPER

MP Police Constable 2016 — 24 July 2016, Shift 2

MP Police Constable · 24 July 2016 · 12:00 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 24 July 2016, 12:00 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-2016-24-jul-shift-2/

General and Logical Knowledge

2. INSAT Master Control Facility is located at:

(a) Hassan
(b) Thumba
(c) Ahmedabad
(d) Cochin

Answer: (a)

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

(a) Bowl
(b) Spoon
(c) Tumbler
(d) Bouquet

Answer: (d)

4. The minimum age for a person to be the President of India is

(a) 18 years
(b) 21 years
(c) 25 years
(d) 35 years

Answer: (d)

8. The first month of the National Calendar in India is

(a) Shravana
(b) Phalguna
(c) Karthika
(d) Chaitra

Answer: (d)

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

Statements:

Some pebbles are stones

Some stones are rocks

Conclusions:

I. Some rocks are not stones

II. Some stones are pebbles

(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. 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.

Obey: Defy :: Work: ?

(a) Lazy
(b) Rest
(c) Idle
(d) Labour

Answer: (b)

12. 'Accommodation' is related 'rent' in the same as 'journey' is related to

(a) Luggage
(b) Expenses
(c) Tax
(d) Fare

Answer: (d)

13. Which of the following districts does NOT belong to Chambal division?

(a) Morena
(b) Bhind
(c) Sheopur
(d) Datia

Answer: (d)

15. Who was known as the “Missile Man of India”?
    (a) Vikram Sarabhai
    (b) K Radhakrishnan
    (c) Abdul Kalam
    (d) Homi Baba
    Answer: (c)

16. The train Vivek Express starts from Dirugarh in Assam. Which is its last stop?
    (a) Madurai
    (b) Mumbai
    (c) Udhampur
    (d) Kanyakumari
    Answer: (d)

18. C V Raman was awarded the Nobel Prize for his work in:
    (a) Chemistry
    (b) Physics
    (c) Biology
    (d) Economics
    Answer: (b)

19. Gond Fort is located at_____.
    (a) Khor
    (b) Baldeo Kundi
    (c) Joga
    (d) Deogarh
    Answer: (d)

20. Who established the Arya Samaj?
    (a) Raja Ram Mohan Roy
    (b) Madan Mohan Malaviya
    (c) Swami Dayananda Saraswati
    (d) MG Ranade
    Answer: (c)

21. Ajanta caves is located at
    (a) Gujarat
    (b) Punjab
    (c) Haryana
    (d) Maharashtra
    Answer: (d)

22. Which one of the following is the highest gravity dam in the world?
    (a) Beas Dam
    (b) Bhakra Dam
    (c) Hirakud
    (d) Nagarjuna Sagar Dam
    Answer: (b)

24. If shoe means soul, and it's not soul, then it's shoe.
    (a) True
    (b) False
    (c) May be
    (d) Irrelevant
    Answer: (b)

25. Which place is called 'Blue City' of India?
    (a) Patiala
    (b) Jaipur
    (c) Udaipur
    (d) Jodhpur
    Answer: (d)

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

Statements:

No chain is ring

All rings are bangles

Conclusions:

I. Some bangles are rings

II. Some chains are bangles
    (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)

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

Statements:

Some frogs are fishes

Some frogs are reptiles

Conclusions:

I. Some reptiles are fishes

II. All reptiles are fishes

(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)

30. Headquarters of National Institute of Hydrology is situated in ___.

(a) Belgaum
(b) Roorkee
(c) Kakinada
(d) Bhopal

Answer: (b)

31. _____ is the largest city and commercial [illegible] of Malwa region of Madhya Pradesh

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

Answer: (b)

32. Who founded the Satavahana dynasty?

(a) Kalidasa
(b) Kanishka
(c) Ashvaghosha
(d) Simukha

Answer: (d)

33. Which dam in Madhya Pradesh holds the largest reservoir in India?

(a) Tawa Dam
(b) Indirasagar Dam
(c) Maan Dam
(d) Maheshwar Dam

Answer: (b)

34. Ozone layer shields earth from _____.

(a) Ultra Violet Rays

(b) X Rays

(c) Infrared Radiation

(d) Alpha Rays

Answer: (a)

35. Anil told Sally, "The girl I met at the hotel was the youngest daughter of brother-in-law of my friend's mother." How is the girl related to Anil's friend?

(a) Cousin

(b) Mother

(c) Grandmother

(d) Granddaughter

Answer: (a)

36. 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 the postman starts at 2:00 PM. Assuming that he does not take the lunch break, how many houses and streets will he be able to cover by 4:00 PM?

(a) 10 houses, 1 street

(b) 20 houses, 2 streets

(c) 30 houses, 3 streets

(d) 40 houses, 4 streets

Answer: (a)

37. Which Indian has hit the most number of sixes in his Twenty20 international career?

(a) Harbhajan Singh

(b) Kapil Dev

(c) Yusuf Pathan

(d) Yuvraj Singh

Answer: (d)

38. High Court of Madhya Pradesh has its benches in_____.

(a) Gwalior and Bhopal

(b) Bhopal and Indore

(c) Jabalpur and Bhopal

(d) Indore and Gwalior

Answer: (d)

Mental Ability and Mental Aptitude

1. What is the average of prime numbers between 50 and 100?

(a) 73.6
(b) 73.4
(c) 73.8
(d) 73.2

Answer: (d)

2. What percent of 11.5 kg is 2 kg?

(a) 20%
(b) 18%
(c) 17%
(d) 16%

Answer: (c)

4. Complete the series choosing the missing number:

2,4,6,8,___

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

Answer: (d)

5. An aeroplane covers a certain distance at a speed of 240 km/hr in 5 hours. To cover the same distance in 4 hours, it must travel at a speed of ?

(a) 275km
(b) 325km
(c) 280 km
(d) 300 km

Answer: (d)

6. A parking lot can hold 96 cars at a time. At a certain instant it was found that of the parking lot was occupied, how many more cars it could accommodate at that time?

(a) 13
(b) 12
(c) 11
(d) 10

Answer: (b)

8. A watch is sold for Rs. 405 at a loss of 10%.Find the cost price of the watch?

(a) Rs. 250
(b) Rs. 150
(c) Rs. 450
(d) Rs. 350

Answer: (c)

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

(i) JH90753276H0

(ii) JH90758276H0

(iii) JH90753276H0

(iv) JH90753276H0

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

Answer: (b)

12. Raghav buys a Nehru coat in Khadi Bhandar whose marked price is Rs. 150.If the discount allowed is 20%, find the discount amount?

(a) Rs. 50
(b) Rs. 40
(c) Rs. 30
(d) Rs. 20

Answer: (c)

16. If DIAGONAL is coded as LANOGAID, how is REC NGLE coded?

(a) RECTAELGN
(b) ELGNATCER
(c) ATCERNGLE
(d) CERNATELG

Answer: (b)

17. A car is running at a speed of 84 km ph. What distance will it cover in 24 seconds?

(a) 500 m
(b) 560 m
(c) 520 m
(d) 580 m

Answer: (b)

18. Find the value of 2P2

(a) 0
(b) 2
(c) 1
(d) None of these

Answer: (b)

23. 7y-5y+y=2y+1, the value of y is
    (a) 0
    (b) 2
    (c) 1
    (d) 3
    Answer: (c)

25. 'A' can do a work in 16 days and 'B' can do the same work in 12 days, with the help of 'C' they did the job in 6 days only. Then in how many days C can alone do the job?
    (a) 44 days
    (b) 48 days
    (c) 52 days
    (d) 56 days
    Answer: (b)

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

1,9,25,50,81
    (a) 1
    (b) 81
    (c) 50
    (d) 25
    Answer: (c)

29. Complete the series choosing the miss[illegible] num[illegible]:

27,23,19,15,_____
    (a) 11
    (b) 14
    (c) 12
    (d) 10
    Answer: (a)

30. If TRIANGLE is coded as NGLETRIA, how is 'SAMPLE' coded?
    (a) ELPMAS
    (b) ELSAM
    (c) PLESAM
    (d) PLEMAS
    Answer: (c)

Science and Simple Arithmetic

2. The gravity of the moon to that of the earth is

(a) 1/4th
(b) 1/6th
(c) 1/8th
(d) 1/16th

Answer: (b)

5. If l and m are intersecting lines, l is parallel to another line p and m is parallel to another line q, then

(a) p and q are also intersecting lines
(b) p is parallel to q
(c) l, p, q are concurrent lines
(d) l, m, q are concurrent lines

Answer: (a)

6. The separation of the grain seeds from the chaff is called

(a) Threshing
(b) Weeding
(c) Winnowing
(d) Harvest combine

Answer: (c)

8. _____statement among the following is fal

(a) There is no fraction that cannot be represen as a rational number
(b) A decimal number cannot be a ratio r
(c) All negative numbers can be represented rational numbers
(d) There is no integer that cannot be represented as a rational number

Answer: (b)

10. A parallelogram, which has adjacent sides perpendicular to each other is called a _____

(a) Rectangle
(b) Rhombus
(c) Trapezium
(d) Square

Answer: (a)

14. During inhalation, the ribs

(a) Move outwards
(b) Move inwards
(c) Move upwards
(d) Move upwards and inwards

Answer: (a)

17. If the amplitude of a sound wave is doubled , how does it affect the intensity of the wave?

(a) Intensity gets doubled
(b) Intensity remains the same
(c) Intensity becomes 4 times
(d) Intensity gets Halved

Answer: (c)

19. AB is a tangent to a circle with centre O at a point P and OP is the radius through P. Then

(a) OP || AB
(b) OP AB
(c) OA PB
(d) OB || AP

Answer: (b)

22. Telephone wires sag in summer due to

(a) Excess of heat
(b) Expansion due to heat
(c) Faulty fixing
(d) Wear and tear

Answer: (b)

23. Ozone hole is the result of excessive

(a) Burning of coal
(b) Pollution due automobiles
(c) Use of CFC
(d) Burning of firecrackers

Answer: (c)

25. The food synthesized by the plants is stored in the form of

(a) starch
(b) sugar
(c) protein
(d) water

Answer: (a)

28. Leela observed that a pond with clear water was covered with green algae within a week. By which method of reproduction did the algae spread so rapidly?

(a) Budding
(b) Fragmentation
(c) Spore formation
(d) Fission

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

2	**(a)**	3	**(d)**	4	**(d)**	8	**(d)**	9	**(d)**	10	**(b)**
12	**(d)**	13	**(d)**	15	**(c)**	16	**(d)**	18	**(b)**	19	**(d)**
20	**(c)**	21	**(d)**	22	**(b)**	24	**(b)**	25	**(d)**	26	**(a)**
29	**(d)**	30	**(b)**	31	**(b)**	32	**(d)**	33	**(b)**	34	**(a)**
35	**(a)**	36	**(a)**	37	**(d)**	38	**(d)**				

Mental Ability and Mental Aptitude

1	**(d)**	2	**(c)**	4	**(d)**	5	**(d)**	6	**(b)**	8	**(c)**
9	**(b)**	12	**(c)**	16	**(b)**	17	**(b)**	18	**(b)**	23	**(c)**
25	**(b)**	26	**(c)**	29	**(a)**	30	**(c)**				

Science and Simple Arithmetic

2	**(b)**	5	**(a)**	6	**(c)**	8	**(b)**	10	**(a)**	14	**(a)**
17	**(c)**	19	**(b)**	22	**(b)**	23	**(c)**	25	**(a)**	28	**(b)**