PREVIOUS YEAR PAPER

MP Police Constable 2016 — 9 August 2016, Shift 1

MP Police Constable · 9 August 2016 · 09:00 AM

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

Left out of the original paper: 37 (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, 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-2016-9-aug-shift-1/

General and Logical Knowledge

2. Tomb of Tansen is located in_____.

(a) Gwalior
(b) Indore
(c) Ujjain
(d) Morena

Answer: (a)

3. In the following question, there is certain relationship between the first two words. Choose the fourth word from the following options which has a similar kind of relation with the third word.

FOOT: INCH :: MILE ?

(a) METER
(b) LITER
(c) YARD
(d) HOURS

Answer: (c)

4. The son of Shahji Bhonsle was

(a) Bajirao
(b) BalajiVishwanath
(c) Shivaji
(d) Raja Man Singh

Answer: (c)

5. Which state government launched “Chandranna Bima Yojana”, an insurance scheme for the working class people?

(a) Andhra Pradesh
(b) Uttar Pradesh
(c) Madhya Pradesh
(d) Telangana

Answer: (a)

6. First woman president of the Indian National Congress was

(a) Annie Beasant

(b) Sister Nivedita

(c) Sarojini Naidu

(d) Captain Lakshmi

Answer: (a)

7. Which state borders Madhya Pradesh on its western side?

(a) Gujarat

(b) Chhatisgarh

(c) Uttar Pradesh

(d) Maharastra

Answer: (a)

8. If S+K means S is the sister of K,S-K means S is the father of K, S*K means S is the brother of K, what does P*M-D means?

(a) P is the nephew of D

(b) P is brother of D

(c) P is father of D

(d) P is the uncle of D

Answer: (d)

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

Statements:

All juices are drinks

Some drinks are beverages

Conclusions:

I. Some juices are beverages

II. Some beverages are juices

(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. Who received the name ‘Abhay Sadhak’ from Gandhiji?

(a) Baba Amte
(b) GK Gokhale
(c) Morarji Desai
(d) DK Karve

Answer: (a)

11. Which of the following was set up by Government of India in 1976 to provide e- Governance solutions in the Government sector?

(a) Department of Electronics and Information Technology
(b) National Informatics Centre
(c) Ministry of Information Technology
(d) Electronics Corporation of India Limited

Answer: (b)

13. EMI, the full form of which is _____ is a fixed payment amount made by a borrower to a lender at a specified date each calendar month

(a) Equated Monthly Installment
(b) Equal Monthly Installment
(c) Equated Monitory Installment
(d) Equal Monitory Installment

Answer: (a)

15. Name the tribe people who actively participated the revolt of 1857?

(a) The Bhils
(b) The Gonds
(c) The Korku
(d) The Bhaiga

Answer: (a)

16. Who is the Attorney General of India?

(a) Ranjit Kumar
(b) A P Shah
(c) Mukul Rohatgi
(d) L. Nageswara Rao

Answer: (c)

18. Maximum strength of Lok Sabha envisaged by Constitution of India is __.

(a) 530
(b) 550
(c) 552
(d) 540

Answer: (c)

19. Choose the number which is different from others in the group.

(a) 35
(b) 45
(c) 49
(d) 65

Answer: (c)

21. In one family, there are several children in which each girl has as many brothers as she has sisters but each boy has sisters which are twice of brothers he has. Then how many brothers and sisters are they?

(a) 4 Brothers, 3 Sisters
(b) 4 Sisters, 3 Brothers
(c) 4 Brothers, 4 Sisters
(d) Cannot say

Answer: (b)

24. CBSE has launched 'Udaan' scheme to provide a platform to deserving girl students who aspire to pursue higher education in __.

(a) Engineering
(b) Medicine
(c) Law
(d) Finance

Answer: (a)

25. Where was the first mosque built in Ind[illegible]

(a) Delhi
(b) Aligarh
(c) Allahabad
(d) Kodungaloor

Answer: (d)

26. Six students are sitting in a row. K is sitting between V and R. V is sitting next to M. M is sitting next to B is sitting next to R. who are sitting on either side of V?

(a) R and Q
(b) B and M
(c) M and K
(d) K and R

Answer: (c)

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

Statements:

No crickets are stones.

Some stones are bags.

Conclusions:

I. Some bags are crickets.

II. Some bags are not crickets.

(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)

29. If A+B means A is the daughter of B, A/ B means A is the husband of B & A*B means A is the brother of B, what does P

(a) R is the father of P
(b) R is the brother in law of P
(c) R is the uncle of P
(d) R is the father in law of P

Answer: (d)

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

Statements:

Some rollers are horses.

All boats are horses.

Conclusions:

I. Some boats are not rollers.

II. Some rollers are boats.

(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. Pointing to a boy Sheeba said, "He is the son of my mother-in-law's only child". How is the boy related to Sheeba?

(a) Son
(b) Grandson
(c) Nephew
(d) Brother

Answer: (a)

32. CANCELLED

River Kali Sindh originates in the district_.

(a) Morena
(b) Vidisha
(c) Gwalior
(d) Indore

Answer: (b)

33. Capital of which state means 'fort of bricks'?

(a) Assam
(b) Chattisgarh
(c) Arunachal Pradesh
(d) Jharkhand

Answer: (c)

34. If P+Q means P is the daughter of Q & [illegible] means Q is the brother of R, how is P related to R?

(a) P is the niece of R
(b) P is the aunt of R
(c) P is the daughter of R
(d) P is the mother of R

Answer: (a)

35. If A+B means A is the daughter of B, A/B means A is the husband of B and A∗B means A is the brother of B, what does P∗Q+R

(a) S is the mother of P
(b) S is the mother – in – law
(c) S is the daughter of P
(d) S is the niece of P

Answer: (a)

36. Looking at a portrait of a man, Harish said, “His mother is the wife of my father’s son. Brothers and sisters I have none.” At whose portrait was Harish looking?

(a) His son
(b) His uncle
(c) His cousin
(d) His nephew

Answer: (a)

37. The Supreme Court of India was set up -

(a) Through an Act of Parliament in 1950
(b) Under the Indian Independence Act, 1935
(c) Under the Government of India Act, 1935
(d) By the Constitution of India

Answer: (d)

38. If its cookie or coffee then you get mileage. You get mileage then it was coffee.

(a) True
(b) False
(c) Maybe
(d) Irrelevant

Answer: (c)

39. In which river basin is the Banjar River Project lo ed?

(a) Ganga
(b) Chambal
(c) Narmada
(d) Yamuna

Answer: (c)

Mental Ability and Mental Aptitude

1. Fill up the blank: 32 out of 160 listeners of FM radio are above 40 years of age. The percentage of such people is____

(a) 32
(b) 20
(c) 25
(d) 80

Answer: (b)

2. In a certain code language ‘Throw the ball’ is written as ‘ beton feksa sopy’ and ‘Ball is heavy’ is written as ‘ deven sopy bata’ . In that code language the word for ‘Ball’ is:

(a) sopy
(b) feksa
(c) bata
(d) deven

Answer: (a)

3. If FAT is coded as HCV, how is MEAT coded?

(a) OFBV
(b) NGBV
(c) OFCU
(d) OGCV

Answer: (d)

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

(a) 30
(b) 40
(c) 6
(d) 12

Answer: (b)

5. Complete the series choosing the missing number

2,4,7,11,16,____

(a) 18
(b) 20
(c) 22
(d) 25

Answer: (c)

6. Find A and B, if 2A + 3B = 21, A-B=3

(a) 6,3
(b) 3,6
(c) 9,6
(d) 12,9

Answer: (a)

7. In an alloy the ratio of copper and zinc is 9:7. If the weight of copper in the alloy is 11.7 kg, what is the weight of zinc in the alloy?

(a) 14.8 kg
(b) 9.1 kg
(c) 17.5 kg
(d) 11.4 kg

Answer: (b)

10. If DARK is coded as EBSZ, how is LIGHT coded?
    (a) MHKLO
    (b) MCFOQ
    (c) MHIKL
    (d) MJHIU
    Answer: (d)

12. The multiple of 625 nearest to 904375977 is:
    (a) 904375625
    (b) 904376250
    (c) 904376625
    (d) 904375750
    Answer: (b)

14. 28 is 7% of a number. How much would be 32% of that number?
    (a) 53
    (b) 8
    (c) 128
    (d) 96
    Answer: (c)

15. 30% of A's salary is equal to 12% of B's salary whi s Rs. 24,000. What is A's salary?
    (a) Rs. 18,000
    (b) Rs. 21,600
    (c) Rs. 10,000
    (d) Rs. 9,600
    Answer: (d)

19. If 25 salesmen earn Rs. 1000 in 10 days, how much will 15 salesmen earn in 15 days?
    (a) Rs. 750
    (b) Rs. 820
    (c) Rs. 900
    (d) Rs. 930
    Answer: (c)

20. Complete the series choosing the missing number:

15,13,11,9,7,____
    (a) 14
    (b) 5
    (c) 7
    (d) 9
    Answer: (b)

21. Raman sells his old bicycle at Rs. 1280 and loses 20%. At what price did he buy the bicycle?

(a) Rs.1600
(b) Rs.1650
(c) Rs.1760
(d) Rs.1900

Answer: (a)

22. In a certain code language 'Trains were late' is written as ' Rakas som frok' and 'Don't be late' is written as ' Bin'k drom som' . In that code language the word for 'late' is:

(a) frok
(b) rakas
(c) drom
(d) som

Answer: (d)

24. Tilak has spent Rs. 234 on buying books and Rs.162 on stationery out of the Rs. 642 he had at the beginning of the day. How much money did he spend on food if he had Rs. 100 left at the end of the day?

(a) Rs.116
(b) Rs.146
(c) Rs.164
(d) Rs.200

Answer: (b)

27. If HEAT is coded as JGCV, how is MILD ded?

(a) OJMF
(b) OKNF
(c) OLOG
(d) OKOG

Answer: (b)

28. The ratio of income to the saving of Rahul is 11:2. What is the expenditure if the saving is Rs. 760?

(a) Rs. 1470
(b) Rs. 3420
(c) Rs. 2450
(d) Rs. 6840

Answer: (b)

29. My ATM card number is: 4686441015002583. Check which of the following is the same as the ATM card number:

(a) 4668441015002583
(b) 4686441105002583
(c) 4686441405002853
(d) 4686441015002583

Answer: (d)

30. Amit a furniture seller plans to sell a table for Rs. 720. If he gains 20% what is the cost price of the table?

(a) Rs.600
(b) Rs.720
(c) Rs.575
(d) Rs.850

Answer: (a)

Science and Simple Arithmetic

4. A steel spoon is placed inside a glass when boiling water is being poured into it so that

(a) the spoon absorbs heat & prevent the glass from breaking
(b) the spoon contracts & prevent the glass from breaking
(c) the spoon expands & contracts
(d) the spoon keeps the temperature steady

Answer: (a)

8. A girl of height 90 cm is walking away from the base of a lamp post at a speed of 1.2 m/second. If the lamp is 3.6 m above the ground, find the length of her shadow after 4 seconds.

(a) 1.6 m
(b) 3.2 m
(c) 0.9 m
(d) 4m

Answer: (a)

9. In a collision between a heavier object & a lighter object ,the body that experiences greater force is

(a) Lighter body
(b) Heavier body
(c) Both experience same force
(d) Neither of them experience any force

Answer: (c)

10. Iodine is required in man for the production of_____

(a) Insulin
(b) Adrenaline
(c) Thyroxine
(d) Pyridoxine

Answer: (c)

12. What is 20 degrees in radians?

(a) 0.17 rad
(b) 0.68 rad
(c) 0.34 rad
(d) 0.42 rad

Answer: (c)

14. The product of two 2-digit numbers is 2028 and their HCF is13. The numbers are _____.

(a) 26, 78
(b) 39, 52
(c) 13, 156
(d) 36, 68

Answer: (b)

15. The process of removal of metabolic waste from the body is known as_____

(a) Egestion
(b) Excretion
(c) Exhalation
(d) Perspiration

Answer: (b)

18. If the radius of a sphere is doubled, then its surface area is increased by _____.

(a) 50%
(b) 100%
(c) 200%
(d) 300%

Answer: (d)

20. The best time for removal of weeds is_____

(a) Before they produce flowers and seeds
(b) At the time of tilling
(c) At the time of sowing seeds
(d) Before harvesting

Answer: (a)

21. Uric acid is the chief excretory product in_____

(a) Lizard

(b) Frog

(c) Fishes

(d) Man

Answer: (a)

27. Modern Submarines are designed long, cylindrical & rounded ends. The rounded ends help in ensuring that

(a) There is no pressure of deep sea on the submarine

(b) Pressure is increased on the submarine

(c) Pressure is decreased on the submarine

(d) Pressure is evenly distributed on the surface of the submarine

Answer: (d)

30. In Jal tarang ,the sound made by the glass with the highest level of water produce

(a) Highest pitch

(b) Lowest pitch

(c) High frequency

(d) Low frequency

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

2	**(a)**	3	**(c)**	4	**(c)**	5	**(a)**	6	**(a)**	7	**(a)**	8	**(d)**	9	**(d)**
10	**(a)**	11	**(b)**	13	**(a)**	15	**(a)**	16	**(c)**	18	**(c)**	19	**(c)**	21	**(b)**
24	**(a)**	25	**(d)**	26	**(c)**	28	**(b)**	29	**(d)**	30	**(d)**	31	**(a)**	32	**(b)**
33	**(c)**	34	**(a)**	35	**(a)**	36	**(a)**	37	**(d)**	38	**(c)**	39	**(c)**		

Mental Ability and Mental Aptitude

1	**(b)**	2	**(a)**	3	**(d)**	4	**(b)**	5	**(c)**	6	**(a)**	7	**(b)**	10	**(d)**
12	**(b)**	14	**(c)**	15	**(d)**	19	**(c)**	20	**(b)**	21	**(a)**	22	**(d)**	24	**(b)**
27	**(b)**	28	**(b)**	29	**(d)**	30	**(a)**								

Science and Simple Arithmetic

4	**(a)**	8	**(a)**	9	**(c)**	10	**(c)**	12	**(c)**	14	**(b)**	15	**(b)**	18	**(d)**
20	**(a)**	21	**(a)**	27	**(d)**	30	**(a)**								