PREVIOUS YEAR PAPER

MP Police Constable 2017 — 18 September 2017, Shift 1

MP Police Constable · 18 September 2017 · 09:00 AM

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

Left out of the original paper: 38 (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 18 September 2017, 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-2017-18-sep-shift-1/

General Knowledge and Logical Knowledge

2. Which was the capital of the Bahamani Sultanate?

(a) Bijapura
(b) Gulbarga
(c) Cannannore
(d) Oudh

Answer: (b)

3. Saraswati and Khan are tributaries of river

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

Answer: (d)

5. The construction of Taj-ul-Masjid Mosque was started by

(a) Sultan Shah Jehan Begum
(b) Babar
(c) Humayun
(d) Aurangzeb

Answer: (a)

6. Who founded the Ramakrishna Mission?

(a) Ramakrishna Paramahamsa
(b) Swami Vivekananda
(c) Raja Ram Mohan Roy
(d) Sri Aurobindo

Answer: (b)

7. Find the odd one out

(a) BDEF
(b) FGHI
(c) STUV
(d) MNOP

Answer: (a)

9. In a certain code language, mep zap dup means lunch and dinner, pep mep tep means hot and cold, clep tep nep means very hot summer. Which is the word for cold in that code language?

(a) pep
(b) clep
(c) tep
(d) mep

Answer: (a)

10. In a certain code language, I love cricket means Liv Da Bin; I love music means Bin Liv Zo; I play music means Zo Bin Na. Which is the word for Cricket in that code language?

(a) Da
(b) Bin
(c) Zo
(d) Liv

Answer: (a)

11. If ANIMAL is coded BPLNCO, then how is LAMIN coded?

(a) MCPJPD
(b) MCPJQD
(c) OCNMPB
(d) OCNLPD

Answer: (a)

12. If CLINIC is coded ENKPKE, then how is DOCTOR coded?

(a) FQEUQT
(b) FQEUQS
(c) FQEVQT
(d) FREVRT

Answer: (c)

13. In how many ways can 5 red and 4 black balls be selected out of the 8 red and 6 black balls?

(a) 720
(b) 360
(c) 840
(d) 420

Answer: (c)

14. In which year was the Environmental Protection Act passed in India
    (a) 1986
    (b) 1996
    (c) 2014
    (d) 2004
    Answer: (a)

15. Whose memorial did Narendra Modi inaugurate on 27th July, 2017 at Rameswaran?
    (a) J Jayalalithaa
    (b) APJ Abdul Kalam
    (c) Kamal Hassan
    (d) P. Rangaiah Naidu
    Answer: (b)

16. Which organization was the first to develop a supercomputer in India?
    (a) C-DAC
    (b) Infosys
    (c) Wipro
    (d) TCS
    Answer: (a)

17. Which of the following states receives the rays of t sun first in the morning in India?
    (a) Tripura
    (b) Arunachal Pradesh
    (c) Sikkim
    (d) Meghalaya
    Answer: (b)

18. What is the maximum tax slab according to the new GST Act?
    (a) 26%
    (b) 28%
    (c) 35%
    (d) 30%
    Answer: (b)

19. IAF's Sukhoi -30 fighter was originally designed and developed by
    (a) Japan
    (b) Russia
    (c) China
    (d) France
    Answer: (b)

20. Rani Durgawati is associated with
    (a) Panna
    (b) Gwalior
    (c) Jabalpur
    (d) Rewa
    Answer: (c)

21. Parvathy Baul, Bhikhari Thakur, and Punaram Nishad are _____?
    (a) Painters
    (b) Folk dancers
    (c) Folk musicians
    (d) Actors
    Answer: (c)

23. 'Bharat Ratna' Awards was given for the first time in
    (a) 1956
    (b) 1952
    (c) 1957
    (d) 1954
    Answer: (d)

24. King Bhoj was a part of the ____ Dynasty.
    (a) Satavahana
    (b) Peshwa
    (c) Paramara
    (d) Saka
    Answer: (c)

25. The President of India must have completed the age of
    (a) 40 years
    (b) 45 years
    (c) 30 years
    (d) 35 years
    Answer: (d)

26. The Pehsari Dam is located in
    (a) Ujjain
    (b) Indore
    (c) Gwalior
    (d) Bhopal
    Answer: (c)

28. Shipra is a river that takes its origin from a hill called

(a) Amarkantak Hills
(b) Kakri Bardi Hills
(c) Mizo Hills
(d) Kewai Hills

Answer: (b)

30. In a game, a person is instructed to do the following, when certain numbers are called out: For the number 'one', the person must put one apple into a basket; for number 'two', he must put one guava into the basket; for number 'three', he must put one orange into the basket; and, for number 'four', he must take out one apple and one guava from the basket.

The order sequence executed by the person is as follows.

123321423142233141132 34

How many fruit will be there in the basket at the end of the sequence shown above?

123321423142233141132 34

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

Answer: (b)

31. In which city is the world's first partition [illegible] located?

(a) Calcutta
(b) Hyderabad
(c) Amritsar
(d) Delhi

Answer: (c)

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

Statements:

Some calves are cows

Some cows are buffaloes

Conclusions:

I. Some calves are buffaloes

II. All calves are buffaloes

(a) neither conclusion I nor conclusion II follows
(b) both conclusion I and II follows
(c) only conclusion II follows
(d) only conclusion I follows

Answer: (a)

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

Statements:

No flowers are blondes

All acrobats are flowers

Conclusions:

I. No acrobats are blondes

II. Some flowers are blondes

(a) neither conclusion I nor conclusion II follows
(b) both conclusion I and II follows
(c) only conclusion II follows
(d) only conclusion I follows

Answer: (d)

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

Statements:

No locket is pink

Some chains are lockets

Conclusions:

I. No chain is pink

II. No locket is red

(a) neither conclusion I nor conclusion II follows
(b) both conclusion I and II follows
(c) only conclusion II follows
(d) only conclusion I follows

Answer: (a)

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

Statements:

All friends of mine are talkative

Swapna is not talkative

Conclusions:

I. Swapna is not my friend

II. Swapna must speak

(a) neither conclusion I nor conclusion II follows
(b) both conclusion I and II follows
(c) only conclusion II follows
(d) only conclusion I follows

Answer: (d)

37. Complete the series choosing the missing number:

55, 65, 85, 95, 115, _____

(a) 135
(b) 155
(c) 145
(d) 125

Answer: (d)

38. Complete the series choosing the missing letter/s:

a b __ a a b b __ __ b b __

(a) b, a, a, a

(b) b, a, b, a

(c) a, b, a, b

(d) a, b, b, b

Answer: (a)

39. Complete the series choosing the missing number:

729, 243, 81, 27, ____

(a) 15

(b) 3

(c) 9

(d) 18

Answer: (c)

40. Complete the series choosing the missing number:

0, 6, 24, 60, 120, 210, _____

(a) 223

(b) 336

(c) 445

(d) 286

Answer: (b)

Mental Ability and Mental Aptitude

5. The marks scored by Rahul in English is 85, Hindi 95, Science 92, and Mathematics 95 out of 100 in each subject. How much should Rahul score in Social Sciences out of 100 to get 90% in the Exam?

(a) 85

(b) 84

(c) 83

(d) 82

Answer: (c)

7. Raghu 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. 30

(b) Rs. 20

(c) Rs. 50

(d) Rs. 40

Answer: (a)

8. If x - y + z = 6, 4 x - y - z = 4, and z - y = 2, then x + y =?

(a) 5

(b) 6

(c) 10

(d) 9

Answer: (d)

9. Three boys together have 82 marbles. The ra o of the marbles of Alan and Ben is 2 : 5. The ra o of the marbles of Ben and Chris is 3 : 4. How many marbles does Chris have?

(a) 44

(b) 40

(c) 42

(d) 36

Answer: (b)

10. If 5 women or 9 boys can do a piece of work in 15 days, then in how many days will 20 women and 9 boys complete the same work?

(a) 3

(b) 5

(c) 4

(d) 2

Answer: (a)

11. A number is as much greater that 237 as is less [illegible] 547. The number is

(a) 392

(b) 402

(c) 374

(d) 372

Answer: (a)

12. The total strength of students in a school is 150. If the number of boys is x and the number of girls becomes x % of the total strength, find the number of boys in the school.

(a) 50

(b) 90

(c) 40

(d) 60

Answer: (d)

13. Raja bought 1 kg of potato for Rs. 25, next day the price of potato increases by 10% per kg. What would be the new price of 1 kg potato?

(a) Rs. 30

(b) Rs. 26.50

(c) Rs. 27.50

(d) Rs. 29.50

Answer: (c)

14. Amit, Bhanu and Chintu are brothers in the same order as men oned. Bhanu is double the age of Chintu whereas Amit is two years older to Bhanu. If sum of their ages is 37 then find the age of Amit

(a) 10 years

(b) 16 years

(c) 12 years

(d) 14 years

Answer: (b)

15. It rained as much as on Monday as on all the other days of the week combined. If the average rainfall for the whole week was 5 cm, how much did it rain on Monday?

(a) 5 cm

(b) 17.5 cm

(c) 12.5 cm

(d) 30 cm

Answer: (b)

20. How much me will a train moving at a speed of 450 kmph and 150 m long take to cross a pla orm of length 100 m?

(a) 2 secs

(b) 3 secs

(c) 4 secs

(d) 1 sec

Answer: (a)

26. The ratio between the present ages of Rahul and Kunal is 7: 5. If after 10 years, Kunal will 45 years old. What is the present age of Rahul?

(a) 31

(b) 49

(c) 45

(d) 35

Answer: (b)

27. What is the sum 75% of Rs. 1440 and 25% of Rs. 3360?

(a) Rs. 2,500

(b) Rs. 1,100

(c) Rs. 1,460

(d) Rs. 1,920

Answer: (d)

28. The sum of two numbers is twice their difference. If one of the number is 10 then the other number is:

(a) 20
(b) 25
(c) 30
(d) 35

Answer: (c)

30. Find the average.

21, 26, 25, 27, 29 & 28

(a) 26
(b) 21
(c) 27
(d) 29

Answer: (a)

Science and Simple Arithmetic

7. Phloem is composed of four types of cells: sieve tubes, phloem fibres, phloem parenchyma and _____.

(a) phloem collenchyma
(b) vessels
(c) trachieds
(d) companion cells

Answer: (d)

8. A sum was put at simple interest at a certain rate for 2 years. Had it been put at 3% higher rate, it would have fetched Rs.72 more. The sum is:

(a) Rs. 1200 / 1200 .
(b) Rs. 900 / 900 .
(c) Rs. 1500 / 1500 .
(d) Rs. 2000 / 2000 .

Answer: (a)

9. Deepak purchased a certain quantity of rice at the rate of Rs.1200 per quintal in which 20% of the rice was spoilt. He mixes the impurities to make it again that much quantity. At what price should he sell the rice to gain 10%?

(a) Rs.12 per kg
(b) Rs.14 per kg
(c) Rs.13.20 per kg
(d) Rs.20 per kg

Answer: (c)

11. Which of the following is cube of even natural number?

(a) 13826
(b) 514
(c) 728
(d) 1000

Answer: (d)

12. Which of the following ends with digit 1?

(a) 1092
(b) 822
(c) 1232
(d) 772

Answer: (a)

13. The ratio of two sides of a parallelogram is 3:5 and its perimeter is 48m. The sides of the parallelogram are:

(a) 9m and 12 m
(b) 9m and 15m
(c) 6m and 10m
(d) 12m and 15m

Answer: (b)

15. The process of seeping of water into the empty s ces of ground is called_____.

(a) depletion
(b) infiltration
(c) conservation
(d) rainwater harvesting

Answer: (b)

17. Which of the following is NOT an organ?

(a) Heart
(b) Brain
(c) Liver
(d) Muscle

Answer: (d)

19. Plants with so stems are called:

(a) Tree
(b) Tendril
(c) Shrub
(d) Herb

Answer: (d)

22. Compound X is used for white washing and it reacts with water vigorously to form Y. X and Y are:

(a) Mg (OH) 2: MgO
(b) Ca (OH) 2 : CaO
(c) MgO : Mg (OH) 2
(d) CaO : Ca (OH) 2

Answer: (d)

26. Electromagnets are used in:

(a) Amplifiers
(b) Transformers
(c) Electric bells
(d) Refrigerators

Answer: (c)

27. The least dense planet having density less than that of water is:

(a) Jupiter
(b) Neptune
(c) Uranus
(d) Saturn

Answer: (d)

28. To which division of Cryptogams do Algae belon

(a) Thallophyta
(b) Angiosperms
(c) Gymnosperms
(d) Bryophyte

Answer: (a)

30. An ecosystem includes:

(a) Non-living objects only
(b) All living organisms only
(c) Sometimes living organisms and sometimes non-living objects
(d) Both living and non-living objects

Answer: (d)

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 Knowledge and Logical Knowledge

2	**(b)**	3	**(d)**	5	**(a)**	6	**(b)**	7	**(a)**	9	**(a)**
10	**(a)**	11	**(a)**	12	**(c)**	13	**(c)**	14	**(a)**	15	**(b)**
16	**(a)**	17	**(b)**	18	**(b)**	19	**(b)**	20	**(c)**	21	**(c)**
23	**(d)**	24	**(c)**	25	**(d)**	26	**(c)**	28	**(b)**	30	**(b)**
31	**(c)**	32	**(a)**	33	**(d)**	34	**(a)**	35	**(d)**	37	**(d)**
38	**(a)**	39	**(c)**	40	**(b)**						

Mental Ability and Mental Aptitude

5	**(c)**	7	**(a)**	8	**(d)**	9	**(b)**	10	**(a)**	11	**(a)**
12	**(d)**	13	**(c)**	14	**(b)**	15	**(b)**	20	**(a)**	26	**(b)**
27	**(d)**	28	**(c)**	30	**(a)**						

Science and Simple Arithmetic

7	**(d)**	8	**(a)**	9	**(c)**	11	**(d)**	12	**(a)**	13	**(b)**
15	**(b)**	17	**(d)**	19	**(d)**	22	**(d)**	26	**(c)**	27	**(d)**
28	**(a)**	30	**(d)**								