PREVIOUS YEAR PAPER

MP Police Constable 2017 — 14 September 2017, Shift 2

MP Police Constable · 14 September 2017 · 03:00 PM

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

Left out of the original paper: 35 (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 14 September 2017, 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-2017-14-sep-shift-2/

General Knowledge and Logical Knowledge

2. If CARGO is coded OGRAC and TRAIN is coded NIART, then how is RAILWAY coded?
   (a) ILWARAY
   (b) YARILAW
   (c) YAIRLAW
   (d) YAWLIAR
   Answer: (d)

3. Kohima is the capital of
   (a) Arunachal Pradesh
   (b) Sikkim
   (c) Meghalaya
   (d) Nagaland
   Answer: (d)

4. Find the odd one out:

6, 12, 36, 144,715,4320
   (a) 54
   (b) 36
   (c) 715
   (d) 144
   Answer: (c)

6. If 2006 ends on a Sunday, what day would be 15th January, 2007?
   (a) Tuesday
   (b) Sunday
   (c) Monday
   (d) Wednesday
   Answer: (c)

8. In a certain code language, zee cin com means king was great; cin bana goap means holy great saint; wisp sean bana means next holy day. Which is the word for saint in that code language?

(a) bana
(b) goap
(c) wisp
(d) cin

Answer: (b)

9. If MANAGER is coded NZOZHDS, then how is ORGANISATION coded?

(a) PQHZOHTHUPM
(b) PQHZOHHTUPM
(c) PQHZOHTZUHPM
(d) PQHZOHZTUHPM

Answer: (c)

12. Who is the first Indian woman cricketer to be included in the Marylebone Cricket Club as its honorary life member?

(a) Smriti Mandanna
(b) Anjum Chopra
(c) Mithali Raj
(d) Punam Raut

Answer: (b)

13. Which one of the following vitamins has a role ir ood clotting

(a) Vitamin A
(b) Vitamin K
(c) Vitamin D
(d) Vitamin B

Answer: (b)

14. Which of the Sikh Gurus composed the Zafarnama ?

(a) Guru Ram Das
(b) Guru Gobind Singh
(c) Guru Hargobind
(d) Guru Nanak

Answer: (b)

15. Which of the following highways is not a part of the Golden Quadrilateral?

(a) NH 55
(b) NH 79
(c) NH 2
(d) NH 45

Answer: (d)

16. Which of the following districts does NOT belong to the Malwa region?
    (a) Shajapur
    (b) Mandla
    (c) Dewas
    (d) Ratlam
    Answer: (b)

17. Which of the following is also called the 'House of Elders'?
    (a) Vidhan Sabha
    (b) Gram Sabha
    (c) Rajya Sabha
    (d) Lok Sabha
    Answer: (c)

18. The Triveni Sangam at Allahabad, is considered to be the meeting point of which 3 rivers?
    (a) Yamuna, Satluj, Beas
    (b) Ganges, Ravi, Beas
    (c) Ganges, Yamuna, Brahmaputra
    (d) Ganges, Yamuna, Saraswati
    Answer: (d)

19. The Hornbill Festival is celebrated in December ev year in the Indian State of ____.
    (a) Arunachal Pradesh
    (b) Sikkim
    (c) Meghalaya
    (d) Nagaland
    Answer: (d)

20. The Bhimbetka Caves and shelters are a ___site.
    (a) UNESCO World Heritage
    (b) Modern Architecture
    (c) Sacred
    (d) UNICEF World Heritage
    Answer: (a)

21. The Mahatma Gandhi National Marine Park is located in
    (a) Pirotan Island
    (b) Port Blair
    (c) Rameswaram
    (d) Ganga Sagar Island
    Answer: (b)

22. Marathas took power of Madhya Pradesh after the death of
    (a) Asoka
    (b) Aurangzeb
    (c) Harsha vardhan
    (d) Kanishka
    Answer: (b)

23. Satpura Wildlife Sanctuary is located at
    (a) Hoshangabad
    (b) Chhindwara
    (c) Sindh
    (d) Khajuraho
    Answer: (a)

24. The Governor of a State is appointed by the
    (a) People of the concerned state
    (b) Chief Minister
    (c) President
    (d) Prime Minister
    Answer: (c)

25. The 'National Energy Conservation Day' is observ every year on
    (a) 14th December
    (b) 14th November
    (c) 14th October
    (d) 24th December
    Answer: (a)

26. The state of Meghalaya was carved out of
    (a) Manipur
    (b) West Bengal
    (c) Assam
    (d) Nagaland
    Answer: (c)

27. According the Census 2011, which district has the highest literacy rate in Madhya Pradesh?
    (a) Indore
    (b) Balaghat
    (c) Jabalpur
    (d) Bhopal
    Answer: (c)

28. The Right to Education was added to the Fundamental Right in the Constitution of Indian through the:

(a) Constitution (93rd Amendment) Act, 2005
(b) Constitution (87th Amendment) Act ,2003
(c) Constitution (86th Amendment) Act, 2002
(d) Constitution (97th Amendment) Act, 2011

Answer: (c)

29. The dance-drama form of expression, 'Yakshagana' is traditionally associated with which state?

(a) Karnataka
(b) West Bengal
(c) Kerala
(d) Maharashtra

Answer: (a)

30. Complete the series choosing the missing number:

36, 6, 49, 7, 64, 8, 81, _____

(a) 13
(b) 10
(c) 12
(d) 9

Answer: (d)

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

Statements:

Some vowels are consonants

Some consonants are alphabets

Conclusions:

I. Some vowels are alphabets

II. Some consonants are not alphabets

(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. Complete the series choosing the missing letters:

AZC, BYD, CXE, _____

(a) DVF
(b) DWE
(c) DWG
(d) DWF

Answer: (d)

34. Complete the series choosing the missing number:

7, 10, 15, 22, 31, _____

(a) 45
(b) 40
(c) 42
(d) 39

Answer: (c)

35. Complete the series choosing the missing number:

67, 62, 56, 49, 41, _____

(a) 28
(b) 36
(c) 32
(d) 30

Answer: (c)

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

Statements:

Some buds are flowers

Some flowers are shrubs

Conclusions:

I. Some flowers are not shrubs

II. Some buds are not flowers

(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)

39. 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) both conclusion I and II follows
(b) only conclusion II follows
(c) only conclusion I follows
(d) either conclusion I or conclusion II follows

Answer: (d)

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

Statements:

All juices are drinks

Some drinks are beverages

Conclusions:

I. Some juices are beverages

II. Some beverages are juices

(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)

Mental Ability and Mental Aptitude

4. The Product of ages of Naman and Aman are 120. If the age of Naman is more than the age of Aman by 2 years. Find Aman's age.

(a) 10
(b) 11
(c) 3
(d) 13

Answer: (a)

5. In a class of 40 students comprising of 20 girls and 20 boys, the average age of 20 girls is 16. The average age of the class is also 16. Find the average age of the boys in the class?

(a) 16years
(b) 14 years
(c) 12years
(d) 10years

Answer: (a)

16. Twenty years ago, Ram was half of Sam in age. If the ra o of their present ages is 3 : 4, find the Ram's and Sam's present ages.

(a) 30, 40
(b) 40, 30
(c) 30, 20
(d) 20, 30

Answer: (a)

19. Find the average.

3, 9, 15, 25, 35 & 45

(a) 26
(b) 20
(c) 24
(d) 22

Answer: (d)

20. The diagonals of a rhombus are 10 cm and [illegible] long. How much would its side measure?

(a) 17cm
(b) 18cm
(c) 13 cm
(d) 26cm

Answer: (c)

23. Sudha is reading a 445 page book. She has already read 157 pages. If she reads 24 pages a day, how many days will it take for her to finish the book?

(a) 12 days
(b) 15 days
(c) 10 days
(d) 19 days

Answer: (a)

24. A's salary is 60% more than B's salary. If A got a raise of 40% on his salary and B got a raise of 20%, then by what percent is A's salary more than B's?

(a) 86.66%

(b) 92.33%

(c) 98.33%

(d) 95.11%

Answer: (a)

25. A sells a table at a profit of 15 % to B, who in turn sells it back to A at a profit of 20 %; thereby gaining Rs. 69. How much had A paid for the table originally?

(a) Rs. 300

(b) Rs. 500

(c) Rs. 800

(d) Rs. 400

Answer: (a)

26. Due to an increase of 25 % in the price of eggs, 4 eggs less are available for Rs. 20. The present rate of eggs per dozen is:

(a) Rs. 15

(b) Rs.18

(c) Rs. 20

(d) Rs. 10

Answer: (a)

27. Of 375 customers of a cafe, 75 ordered [illegible] and [illegible]0 ordered coffee. What is the ra o between tea drinkers to coffee drinkers?

(a) 1 : 4

(b) 4 : 3

(c) 2 : 4

(d) 4 : 1

Answer: (a)

29. Two persons, A and B together can do a piece of work in 15 days. After working together for 5 days, A leaves and B alone completes the remaining work in 16 days. What is the ratio of the number of days taken by A and B to do the work separately?

(a) 2 : 5

(b) 3 : 5

(c) 5 : 2

(d) 5 : 3

Answer: (d)

30. Find the sum of the series:

1 + 4 + 7 + 10 + 13 + 16 + 19 + 22 + ...+ 40

(a) 287
(b) 199
(c) 207
(d) 256

Answer: (a)

Science and Simple Arithmetic

7. Which of the following is a natural magnet?

(a) Bar magnet
(b) Magnetic needle
(c) Lodestone
(d) Electromagnet

Answer: (c)

9. What is the area of the largest square inscribed in a circle of radius 5cm?

(a) 25 sq cm
(b) 100 sq cm
(c) 150 sq cm
(d) 50 sq cm

Answer: (d)

11. If perimeter of a circle is 22 cm, then its are

(a) 38.5 sq cm
(b) 40 sq cm
(c) 38 sq cm
(d) 37.5 sq cm

Answer: (a)

12. If square of a number is 484, then the number is:

(a) 28
(b) 24
(c) 21
(d) 22

Answer: (d)

13. The surface area of a cube is 96 sq cm, then its volume is:

(a) 48 cu cm
(b) 256 cu cm
(c) 16 cu cm
(d) 64 cu cm

Answer: (d)

14. The length of one side of a rhombus is 20 m, then its perimeter is:
    (a) 160 m
    (b) 100 m
    (c) 40 m
    (d) 80 m
    Answer: (d)

15. In a parallelogram, adjacent angles are:
    (a) All the above
    (b) Supplementary
    (c) Complementary
    (d) Equal
    Answer: (b)

16. Which one of the following elements does NOT belong to phloem?
    (a) Phloem parenchyma
    (b) Tracheids
    (c) Sieve tubes
    (d) Companion cells
    Answer: (b)

18. Which one of the following animals is not grouped der the class Aves?
    (a) Pigeon
    (b) Bat
    (c) Sparrow
    (d) Crow
    Answer: (b)

19. Pick out the status of `cell ' from the following .
    (a) Molecule
    (b) Building block
    (c) Organ
    (d) Atom
    Answer: (b)

20. Rearing and breeding of country birds is called _____.
    (a) Dairy farming
    (b) Pisciculture
    (c) Poultry farming
    (d) Apiculture
    Answer: (c)

21. Which of the following damages the ozone layer of atmosphere?
    (a) Chlorofluorocarbons (CFC)
    (b) Sulphur dioxide
    (c) Carbon dioxide
    (d) Nitrogen dioxide
    Answer: (a)

22. Skeletal structure surrounding the chest cavity is called_____.
    (a) lung cover
    (b) rib cage
    (c) chest bone
    (d) chest cover
    Answer: (b)

23. A normal human ear can tolerate sounds up to:
    (a) 190 decibels
    (b) 220 decibels
    (c) 80 decibels
    (d) 160 decibels
    Answer: (c)

24. Identify the food item that is NOT formed as a res[illegible]of fermentation.
    (a) Cake
    (b) Cooking of rice
    (c) Alcohol
    (d) Bread
    Answer: (b)

25. Plant with multiple sets of chromosomes is called_____.
    (a) haploid
    (b) polyploid
    (c) triploid
    (d) diploid
    Answer: (b)

26. We need to conserve Biodiversity because it:
    (a) Helps in hunting of animals
    (b) Helps in global warming
    (c) Helps in rapid urbanization
    (d) Maintains forest reserves
    Answer: (d)

27. A simple pendulum takes 20s to complete 40 oscillations. What is the time period of the pendulum?

(a) 2s
(b) 8s
(c) 1/4s
(d) 1/2s

Answer: (d)

28. What sum invested for 1 years compounded half yearly at the rate of 4% pa amounts to Rs. 132651?

(a) Rs. 152000
(b) Rs. 115000
(c) Rs. 125000
(d) Rs. 75000

Answer: (c)

29. 10% of a number is 63, then the number is:

(a) 6300
(b) 630
(c) 0.63
(d) 6.3

Answer: (b)

30. A coat was sold by a shop keeper at a gain of 5 f it had been sold for Rs. 1650 less, he would have suffered a loss of 5%. Then its cost p is:

(a) Rs. 16000
(b) Rs. 16500
(c) Rs. 15000
(d) Rs. 15600

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 Knowledge and Logical Knowledge

2	**(d)**	3	**(d)**	4	**(c)**	6	**(c)**	8	**(b)**	9	**(c)**
12	**(b)**	13	**(b)**	14	**(b)**	15	**(d)**	16	**(b)**	17	**(c)**
18	**(d)**	19	**(d)**	20	**(a)**	21	**(b)**	22	**(b)**	23	**(a)**
24	**(c)**	25	**(a)**	26	**(c)**	27	**(c)**	28	**(c)**	29	**(a)**
30	**(d)**	31	**(a)**	33	**(d)**	34	**(c)**	35	**(c)**	38	**(a)**
39	**(d)**	40	**(a)**								

Mental Ability and Mental Aptitude

4	**(a)**	5	**(a)**	16	**(a)**	19	**(d)**	20	**(c)**	23	**(a)**
24	**(a)**	25	**(a)**	26	**(a)**	27	**(a)**	29	**(d)**	30	**(a)**

Science and Simple Arithmetic

7	**(c)**	9	**(d)**	11	**(a)**	12	**(d)**	13	**(d)**	14	**(d)**
15	**(b)**	16	**(b)**	18	**(b)**	19	**(b)**	20	**(c)**	21	**(a)**
22	**(b)**	23	**(c)**	24	**(b)**	25	**(b)**	26	**(d)**	27	**(d)**
28	**(c)**	29	**(b)**	30	**(b)**						