PREVIOUS YEAR PAPER

MP Police Constable 2017 — 19 August 2017, Shift 2

MP Police Constable · 19 August 2017 · 03:00 PM

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

Left out of the original paper: 26 (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 19 August 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-2017-19-aug-shift-2/

General Knowledge and Logical Knowledge

1. Find the next expression in the series:

ABZ, ABBYZ, ABBBXYZ, _____?

(a) ABBBBBBBYZ
(b) ABBBBBBXYZ
(c) ABBBBVWXYZ
(d) ABBBBWXYZ

Answer: (d)

2. If VIRUS is coded WJSVT, then how is BACTERIA coded?

(a) ABDUFSJB
(b) CBDUFTJB
(c) CBDVFSJB
(d) CBDUFSJB

Answer: (d)

4. In which year did India not fight a war with Pakistan?

(a) 1950
(b) 1965
(c) 1947
(d) 1971

Answer: (a)

5. How many States are there in the Indian Union?

(a) 28
(b) 29
(c) 27
(d) 30

Answer: (b)

6. Which act drastically redrew the boundaries of states and territories in India, organizing them along linguistic lines?

(a) States Reordering Act, 1959
(b) States Reordering Act, 1963
(c) States Redrawing Act, 1957
(d) States Reorganization Act, 1956

Answer: (d)

7. Which team won the Vijay Hazare Trophy 2016-17?

(a) Mumbai
(b) Tamil Nadu
(c) Bengal
(d) Baroda

Answer: (b)

8. Which one of the following organizations was started by Jyotirao Phule in 1873?

(a) Satyashodhak Samaj
(b) Bahujan Samaj
(c) Justice Party
(d) Prarthana Samaj

Answer: (a)

9. Which of the following is considered to be the first supercomputer developed in India?

(a) SAHASRA T
(b) SAGA 220
(c) PARAM YUVA II
(d) PARAM 8000

Answer: (d)

10. Which of the following districts is known for production of opium?

(a) Sheopur
(b) Mandsaur
(c) Shivpuri
(d) Sidhi

Answer: (b)

11. Which of these was the last European country to rule Goa?

(a) Netherlands
(b) England
(c) Portugal
(d) France

Answer: (c)

12. Which of these cities was known as Prayag in ancient times?
    (a) Kannuauj
    (b) Jabalpur
    (c) Varanasi
    (d) Allahabad
    Answer: (d)

13. The Bansagar Dam is named after
    (a) Banusagar
    (b) Sagar Samrat
    (c) Bana Batta
    (d) Bana Rao
    Answer: (c)

14. Who was the first Chief Justice of the Madhya Pradesh High Court?
    (a) Justice A M Khanwilkar
    (b) Justice P.V. Dixit
    (c) Justice M Hidayatullah
    (d) Justice G.P. Bhut
    Answer: (c)

15. Who was the finance minister during the 1991 eco ıic reforms?
    (a) Manmohan Singh
    (b) PV Narasimha Rao
    (c) R. K. Shanmukham Chetty
    (d) R. Venkataraman
    Answer: (a)

16. Who was the author of Rajatarangini?
    (a) Surdas
    (b) Sudraka
    (c) Kalhana
    (d) Kalpaka
    Answer: (c)

17. The full term of a Lok Sabha is_____.
    (a) 6 years
    (b) 5 years
    (c) 7 years
    (d) 8 years
    Answer: (b)

18. Fort William is located in Kolkata on the banks of the river
    (a) Hooghly
    (b) Yamuna
    (c) Brahmaputra
    (d) Ganga
    Answer: (a)

19. The civil disobedience movement was started in
    (a) 1942
    (b) 1914
    (c) 1928
    (d) 1930
    Answer: (d)

20. The ninth Guru of the Sikhs was
    (a) Guru Arjan Dev
    (b) Guru Gobind Singh
    (c) Guru Amar Das
    (d) Guru Tegh Bahadur
    Answer: (d)

21. The number of Gold medals that India won at the I eon Asian games 2014 is
    (a) 12
    (b) 10
    (c) 11
    (d) 9
    Answer: (c)

22. Who became the Chief Minister of Madhya Pradesh after Uma Bharathi?
    (a) Digvijay Singh
    (b) Shivraj Singh Chouhan
    (c) Babulal Gaur
    (d) Kailash Joshi
    Answer: (c)

23. Geographically, the smallest state of India is___
    (a) Sikkim
    (b) Goa
    (c) Assam
    (d) Kerala
    Answer: (b)

24. Complete the series choosing the missing number:

1, 64, 343, 1000, _____

(a) 4739
(b) None of the above
(c) 2197
(d) 6391

Answer: (c)

25. Complete the series choosing the missing number:

3, 15, 63, 255, 1023, _____

(a) 4095
(b) 4030
(c) 4600
(d) 4505

Answer: (a)

26. Complete the series choosing the missing number:

12, 15, 21, 24, 30 _____

(a) 44
(b) 58
(c) 33
(d) None of the above

Answer: (c)

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

ab__b__aa__b__ba

(a) b, a, a, a
(b) a, b, a, a
(c) b, b, b, b
(d) a, a, a, a

Answer: (c)

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

Statements:

All doors are windows

All windows are handles

Conclusions:

I. All doors are handles

II. Some windows are doors

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

Answer: (d)

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

Statements:

All dogs are cats

Some cats are rats

Conclusions:

I. Some dogs are rats

II. Rats which are cats are not dogs

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

Answer: (c)

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

Statements:

All lions are animals

All tigers are animals

Conclusions:

I. All tigers are lions

II. Some animals are not tigers

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

Answer: (c)

33. What is the value of x and y when, 43×567 + 53y26 = 489993?

(a) 4, 4
(b) 9, 8
(c) 6, 4
(d) 4, 6

Answer: (c)

34. If CALCULATOR is coded UJSUOSJGVM, C[illegible]R is coded UKWUA, then how is CORRECT coded?

(a) UKWGVMO
(b) UOSSEUT
(c) UJSUWUA
(d) UVMMWUG

Answer: (d)

35. Find the odd one out:

17, 19, 23, 29, 36, 40

(a) 40
(b) 36
(c) 19
(d) 29

Answer: (b)

37. In a certain languagedim dam dolpet means fish is tasty and brim crim dim means very tasty food . Then in that language the worddim is used for:

(a) tasty
(b) food
(c) is
(d) fish

Answer: (a)

38. In a certain code language, hutch tel bsnl means all network busy, bsnl idea oasis means busy with work, tel bpl orangemeans network not there. Which is the word for hutch in that code language?

(a) network
(b) work
(c) all
(d) busy

Answer: (c)

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

Statements:

Some boys are engineers

Ravi is an engineer

Conclusions:

I. Some engineers are boys

II. Some boys are not engineers

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

Answer: (b)

Mental Ability and Mental Aptitude

6. Rs. 750 are divided among A, B and C in such a manner that A : B = 5 : 2 and B : C = 7 : 13, What is B's share? 750

(a) Rs. 250
(b) Rs. 200
(c) Rs. 260
(d) Rs. 140

Answer: (d)

8. If 3 tables and 2 chairs cost Rs. 215 and 2 tables and 3 chairs cost Rs. 250, then the total cost of 5 tables and 5 chairs will be:

(a) Rs. 500
(b) Rs. 430
(c) Rs. 465
(d) Rs. 450

Answer: (c)

9. A shopkeeper bought 6 tonnes of wheat at Rs. 1.80 per kg and sold 4.7 tonnes out of it at rate of Rs. 2 per kg. How much profit will he get if he sells the remaining quantity at Rs. 2.50 per kg?

(a) Rs. 2600
(b) Rs. 1600
(c) Rs. 1850
(d) Rs. 940

Answer: (c)

10. If 3A = 4B = 5C, then A : B : C is:

(a) 10 : 15 : 12
(b) 20 : 15 : 4
(c) 20 : 5 : 12
(d) 20 : 15 : 12

Answer: (d)

12. The ratio of the ages of a mother and daughter at present is 5 : 1. After 6 years, the ratio will become 3 : 1. Find the present age of the daughter.

(a) 4
(b) 6
(c) 5
(d) 3

Answer: (b)

13. The ratio of ages of X and Y is 6: 5. If the product of the ages of X and Y is 30, find the age of Y.

(a) 6
(b) 7
(c) 5
(d) 3

Answer: (c)

14. The rainfall in Assam has been declining by 1 % every year. What will be the percentage of increase in the rainfall in 2001 over 2004?

(a) 3.03 %
(b) 2.67 %
(c) 2.97 %
(d) 3 %

Answer: (a)

15. If x / 4 = 3, then the value of x is:

(a) 2
(b) 1
(c) 12
(d) 3

Answer: (c)

16. If the radius of a sphere is increased by 50%, then the percentage increase in its surface area is:

(a) 115%
(b) 130%
(c) 120%
(d) 125%

Answer: (d)

18. A number is such that the product of its digit is 12. When 36 is added to the number, the digits get reversed. Find the number.

(a) 43
(b) 26
(c) 34
(d) 62

Answer: (b)

19. A car covers one-fourth of the distance at 25 km and the remaining distance at double the speed. If the total time taken is 10 hrs, then find the al distance.

(a) 400 km
(b) 300 km
(c) 200 km
(d) 100 km

Answer: (a)

20. In a 1 km race, A beats B by 50 m or 5 secs. How long does A take to complete the race?

(a) 97.5 secs
(b) 100 secs
(c) 95 secs
(d) 102.5 secs

Answer: (c)

22. If Deepak's age will be thrice his present age in 17 years, how old will he be then?

(a) 52 years
(b) 51 years
(c) 50 years
(d) 53 years

Answer: (b)

23. The average age of 5 members is 21 years. If the age of youngest member be 5 years, find the average age of the family at the birth of the youngest member.

(a) 24 years
(b) 28 years
(c) 25 years
(d) 20 years

Answer: (d)

24. The age of a mother, ten years ago, was thrice the age of her daughter; and if ten years later, her age would be twice the age of her daughter; then, find the ratio of their years at present

(a) 6:5
(b) 4:3
(c) 9:4
(d) 7:3

Answer: (d)

26. Find the average of the following numbers: 9, 99 and 999

(a) 100
(b) 450
(c) 499
(d) 369

Answer: (d)

27. A stenographer typed 16,200 words on a given d . If she had typed for exactly 6 hours during the day, then what will be her average spe of ty g?

(a) 60 words per minute
(b) 30 words per minute
(c) 45 words per minute
(d) 40 words per minute

Answer: (c)

28. A train covers a distance of 12 km in 10 min. If it takes 7 min to pass a pole, then the length of the train is

(a) 160 m
(b) 140 m
(c) 180 m
(d) 120 m

Answer: (b)

29. Find the average.

42, 45, 48, 51, 54 & 60

(a) 50
(b) 49
(c) 44
(d) 53

Answer: (a)

Science and Simple Arithmetic

6. Estrogen : ovary :: testosterone : _____

(a) testis
(b) thyroid
(c) pituitary
(d) adrenal

Answer: (a)

7. Use of disposable cups made of soft clay (kulhads) is discouraged because:

(a) These are unhygienic
(b) These are made of non-degradable substances
(c) Making them on large scale will result in loss of fertile top soil
(d) The tea will not taste good

Answer: (c)

8. A student fails by 50 marks when he gets 30% marks. Another student passes by 30 marks when he gets 230 marks. Then which of the following is the total maximum marks?

(a) 450
(b) 550
(c) 500
(d) 600

Answer: (c)

10. The length of the longest chord of a circle of radius 10 cm is:

(a) 10 cm
(b) 15 cm
(c) 20 cm
(d) 5 cm

Answer: (c)

14. Which organ is affected in the case of jaundice?
    (a) Liver
    (b) Heart
    (c) Stomach
    (d) Lungs
    Answer: (a)

15. Which one of the following is likely to cause tsunami?
    (a) Lightning
    (b) Wind
    (c) Under water earthquakes
    (d) Snow
    Answer: (c)

16. The process of waste water treatment is called:
    (a) Desalination
    (b) Water pollution
    (c) Chlorination
    (d) Sewage treatment
    Answer: (d)

17. When a person overeats, his_____ tissue fills ı fat.
    (a) adipose
    (b) stomach
    (c) skin
    (d) muscle
    Answer: (a)

18. When alcohol burns in air, energy is liberated in the form _____.
    (a) heat and light
    (b) heat only
    (c) light only
    (d) light and sound
    Answer: (a)

19. In desert plants, rate of water loss gets reduced due to the presence of:
    (a) Suberin
    (b) Cuticle
    (c) Lignin
    (d) Stomata
    Answer: (b)

20. The energy in the reactor of a nuclear power station is produced by the process of:
    (a) Nuclear absorption
    (b) Nuclear fission
    (c) Nuclear emission
    (d) Nuclear fusion

    Answer: (b)

21. While reading a book, the minimum distance required between the book and the eye is:
    (a) 50 cm
    (b) 20 cm
    (c) 12 cm
    (d) 25 cm

    Answer: (d)

22. Mosses are bryophytes are characterized by:
    (a) Dominant sporophytic phase
    (b) Unicellular sex organs
    (c) Heterotrophic mode of nutrition
    (d) Dominant gametophytic phase

    Answer: (d)

23. Diabetes is characterized by:
    (a) Scanty urination
    (b) Loss of appetite and fatigue
    (c) No urination
    (d) Frequent urination and unusual thirst

    Answer: (d)

24. Which one of the following statements is NOT true for a rhombus?
    (a) All sides are equal.
    (b) The opposite angles are equal.
    (c) The diagonals bisect each other at right angles.
    (d) The adjacent angles are not supplementary.

    Answer: (d)

26. Deep pits on the surface of the moon are called _____.
    (a) volcanoes
    (b) rocks
    (c) craters
    (d) boulders

    Answer: (c)

27. A flower with both male and female reproductive parts is called a_____.

(a) bisexual flower
(b) pistillate flower
(c) staminate flower
(d) unisexual flower

Answer: (a)

28. Cube root of -27 2744 is:

(a) 42
(b) -42
(c) -21
(d) 21

Answer: (b)

29. One of the below mentioned calamities is not a natural one. Identify it.

(a) Deforestation for urbanization
(b) Drought
(c) Earthquakes
(d) Floods

Answer: (a)

30. The present population of a village is 28000. If it i eases at the rate of 5% per annum, population after 2 years will be:

(a) 31000
(b) 30820
(c) 30870
(d) 30800

Answer: (c)

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

1	**(d)**	2	**(d)**	4	**(a)**	5	**(b)**	6	**(d)**	7	**(b)**
8	**(a)**	9	**(d)**	10	**(b)**	11	**(c)**	12	**(d)**	13	**(c)**
14	**(c)**	15	**(a)**	16	**(c)**	17	**(b)**	18	**(a)**	19	**(d)**
20	**(d)**	21	**(c)**	22	**(c)**	23	**(b)**	24	**(c)**	25	**(a)**
26	**(c)**	27	**(c)**	28	**(d)**	29	**(c)**	30	**(c)**	33	**(c)**
34	**(d)**	35	**(b)**	37	**(a)**	38	**(c)**	39	**(b)**		

Mental Ability and Mental Aptitude

6	**(d)**	8	**(c)**	9	**(c)**	10	**(d)**	12	**(b)**	13	**(c)**
14	**(a)**	15	**(c)**	16	**(d)**	18	**(b)**	19	**(a)**	20	**(c)**
22	**(b)**	23	**(d)**	24	**(d)**	26	**(d)**	27	**(c)**	28	**(b)**
29	**(a)**										

Science and Simple Arithmetic

6	**(a)**	7	**(c)**	8	**(c)**	10	**(c)**	14	**(a)**	15	**(c)**
16	**(d)**	17	**(a)**	18	**(a)**	19	**(b)**	20	**(b)**	21	**(d)**
22	**(d)**	23	**(d)**	24	**(d)**	26	**(c)**	27	**(a)**	28	**(b)**
29	**(a)**	30	**(c)**								