PREVIOUS YEAR PAPER

MP Police Constable 2016 — 6 August 2016, Shift 1

MP Police Constable · 6 August 2016 · 09:00 AM

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

Left out of the original paper: 42 (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 6 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-2016-6-aug-shift-1/

General and Logical Knowledge

1. The term of office of the Governor is
   (a) 3 Years
   (b) 4 Years
   (c) 5 Years
   (d) 6 Years
   Answer: (c)

2. B.C.Roy Award is given in the field of _____
   (a) Journalism
   (b) Medicine
   (c) Theatre
   (d) Social Work
   Answer: (b)

3. Who was the first chairman of UIDAI?
   (a) Nandan Nilekani
   (b) Kiran Mazumdar Shaw
   (c) SR Patil
   (d) RK Mishra
   Answer: (a)

4. CANCELLED

What is one of the serious problems of Irrigation in Madhya Pradesh?
   (a) Water Seepage
   (b) Floods
   (c) Water logging
   (d) Droughts
   Answer: (c)

5. National Sports Talent Search Scheme has been formulated for talent identification in the age group of ____.

(a) 10-25 years
(b) 18-25 years
(c) 18-30 years
(d) 8-12 years

Answer: (d)

9. Ustad Amjad Ali Khan is associated with which of the following instruments?

(a) Sarod
(b) Sitar
(c) Tabla
(d) Flute

Answer: (a)

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

Statements:

All games are movies

All movies are bags

Conclusions:

I. All games are bags

II. All bags are games

(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)

11. A,B,C,D and E are five rivers. A is shorter than B but longer than E. C is the longest and D is a little shorter than B and a little longer than A. Which is the shortest river?

(a) B
(b) C
(c) D
(d) E

Answer: (d)

13. What is the total number of caves in Ajanta?
    (a) 41
    (b) 18
    (c) 29
    (d) 33
    Answer: (c)

14. In India, Green Revolution has been most successful in the case of-
    (a) Sugarcane
    (b) Paddy
    (c) Wheat
    (d) Maize
    Answer: (c)

15. Select the statement that is the negation of the statement "Some politicians are dishonest."
    (a) All politicians are honest.
    (b) Some politicians are dishonest.
    (c) No politicians are honest.
    (d) Some politicians are honest.
    Answer: (a)

16. This cricketer from Madhya Pradesh was the first [illegible]an to score a Test Century overseas?
    (a) Syed Mushtaq Ali
    (b) C K Nayudu
    (c) Vijay Merchant
    (d) Narendra Hirwani
    Answer: (a)

18. Select the statement that is the negation of the statement "All used cars are unreliable."
    (a) No used cars are reliable.
    (b) All used cars are reliable.
    (c) Some used cars are reliable.
    (d) Some used cars are unreliable.
    Answer: (c)

19. Kanchenjunga National Park is in which State?
    (a) Jharkhand
    (b) Shimla
    (c) Sikkim
    (d) Assam
    Answer: (c)

20. The Nagarjunasagar project is on the river
    (a) Sutlej
    (b) Ravi
    (c) Krishna
    (d) Gandak

    Answer: (c)

22. If mobile phone is turned on, then if someone cries then the rotator rotates. The rotator is rotating while the phone is on, then someone might cry.
    (a) True
    (b) False
    (c) Maybe
    (d) Irrelevant

    Answer: (a)

24. Which Indian state is bordered by Bhutan, China and Myanmar?
    (a) Arunachal Pradesh
    (b) Tripura
    (c) West Bengal
    (d) Sikkim

    Answer: (a)

25. ___ is called the Temple city of India
    (a) Lucknow
    (b) Bhubaneswar
    (c) Durgapur
    (d) Kolkata

    Answer: (b)

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

Statements:

All sweaters are coats

Some shirts are sweaters

Conclusions:

I. Some shirts are coats

II. All shirts are coats

(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)

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

Statements:

All guitars are violins

All violins are lutes

Conclusions:

I. All guitars are lutes

II. All violins are guitars

(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. 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.

RAIN: WATER::TORNADO:?

(a) Cyclone
(b) Wind
(c) Ice
(d) None of these

Answer: (b)

31. Which of the following districts does NOT belong to Rewa division?

(a) Singrauli
(b) Panna
(c) Sidhi
(d) Satna

Answer: (b)

32. If A+B means A is the daughter of B and B+C means B is the husband of C, how is A related to C?

(a) A is the niece of C
(b) A is the sister of C
(c) A is the daughter of C
(d) A is the brother of C

Answer: (c)

33. Ratapani dam is located in____.

(a) Raisen District
(b) Morena District
(c) Ratlam District
(d) Dhar District

Answer: (a)

34. There are five persons P,Q,R,S and T. One is foot ll player, one is chess player and one is hockey player. P and S are unmarried ladies and do t participate in any game. None of the ladies play chess or football. There is a married c le ir ich T is the husband. Q is the brother of R and is neither a chess player nor a hockey player.

Who is the hockey player?

(a) P
(b) Q
(c) R
(d) S

Answer: (c)

35. Who among the following was NOT elected to the Rajya Sabha from Madhya Pradesh in June 2016?

(a) Anil Madhav Dave
(b) Mobashar Jawed Akbar
(c) Vivek Krishna Tankha
(d) Thaawar Chand

Answer: (d)

36. The meeting at Jalianwallahbhag was organized to protest against the

(a) Minto-Morley reforms

(b) Montague-Vhelmsford reforms

(c) Rowlatt act

(d) Pitt's India act

Answer: (c)

38. In the following question, some group of letters is given, all of which, except one, share a common similarity while one is different. Choose the odd one out.

(a) RTW

(b) QOM

(c) IKG

(d) IKM

Answer: (a)

40. In a class of 35 students, Kunal is placed seventh from the bottom whereas Sonali is placed ninth from the top. Pulkit is placed exactly in between the two. What is Kunal's position from Pulkit?

(a) 9

(b) 10

(c) 11

(d) 13

Answer: (b)

Mental Ability and Mental Aptitude

1. Complete the series choosing the missing n[illegible]:

2, 5, 10, 17, _____

(a) 20

(b) 26

(c) 23

(d) 28

Answer: (b)

2. CANCELLED

What is the value of k for which the equation will have one root equal to zero?

(a) k=-2

(b) k=1

(c) k=-1

(d) k=-3

Answer: (d)

5. A sold a table to B at profit of 15%.Later on B sold it back to A at a profit of 2% There by gaining Rs. 69. How much did A pay for it originally?

(a) Rs. 400
(b) Rs. 200
(c) Rs. 100
(d) Rs. 300

Answer: (d)

7. Of the 125 candidates who took an examination, 44% passed in all the subjects and 25 candidates failed in just one subject. What percentage failed in more than one subject?

(a) 39
(b) 56
(c) 36
(d) 50

Answer: (c)

9. A man sold 2 radios at Rs. 924 each on one he gains 20% & on another he losses 20%. How much does he gains or loss in whole transaction?

(a) 3%
(b) 2%
(c) 4%
(d) 5%

Answer: (c)

10. Complete the series choosing the missi[illegible]ette

X, VU, SRQ, ONML, _____

(a) GHIJK
(b) LKJIH
(c) JIHG
(d) JIHGF

Answer: (d)

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

(i) PX1935YQ5

(ii) PX1935YQ5

(iii) PX1935YQ5

(iv) PX1953YQ5

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

Answer: (d)

13. If two dice are thrown, what is the probability that the sum is greater than 8?

(a) 2/9
(b) 1/6
(c) 5/18
(d) 1/3

Answer: (c)

14. In a certain coded language, RISK is coded as 239 and the code 1234567 represents PRIVATE. What is the code for RIVETS in the coded language?

(a) 596432
(b) 798654
(c) 234769
(d) 357697

Answer: (c)

15. CANCELLED

The average of 1, 2, 3, and 4 is?

(a) 20
(b) 23
(c) 25
(d) 27

Answer: (c)

18. Two numbers are in the ratio 7:11. The sum of these numbers is 9000. What is the first number?

(a) 4500
(b) 4000
(c) 3500
(d) None of these

Answer: (c)

19. Complete the series choosing the missing letter

abcd bcde cdef_____

(a) efgh
(b) fghi
(c) defg
(d) cdef

Answer: (c)

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

(a) 480
(b) 6
(c) 8
(d) 96

Answer: (b)

22. What percent of Rs 2650 is 1643?

(a) 62%
(b) 60%
(c) 58%
(d) 64%

Answer: (a)

23. Complete the series choosing the missing numb

1, 2, 6, 24, 120, ___

(a) 230
(b) 435
(c) 720
(d) 650

Answer: (c)

28. If TANGENT is coded as NATGTNE, how will MUSTARD be coded as?

(a) MUSTDRA
(b) DRATMUS
(c) SUMTPRA
(d) SUMTDRA

Answer: (d)

29. x% of y + y% of x =?

(a) x% of y
(b) y% of x
(c) 2% of xy
(d) xy% of 2

Answer: (c)

Science and Simple Arithmetic

2. Cellular respiration occurs in _____

(a) All cells of all organisms
(b) Unicellular organisms only
(c) Plant cells only
(d) Animals cells only

Answer: (a)

5. Two circles, whose centres are A and B, intersect at the points C and D. Then

(a) AB is the perpendicular bisector of CD
(b) CD is the perpendicular bisector of AB
(c) AB is parallel to CD
(d) ABCD forms a square

Answer: (a)

8. Areas near hospitals & schools are declared as

(a) Horn, sound ,please
(b) No horn zone
(c) Danger zone
(d) Safety zone

Answer: (b)

10. What are the tools used for agricultural purpose

(a) Plough
(b) Hoe
(c) Cultivator
(d) Plough, hoe, seed funnel and seed drill

Answer: (d)

12. Two spheres of iron of the same diameter, one being hollow & the other being solid are heated to the same temperature. The expansion observed in

(a) Hollow sphere is more
(b) Solid sphere is more
(c) Both will expand equally
(d) Hollow sphere will not expand

Answer: (c)

16. The radii of 2 cylinders are in the ratio of 2: 3 and their heights are in the ratio of 5 : 3. Find the ratio of their volumes.

(a) 4:9
(b) 9:4
(c) 20 : 27
(d) 27 : 20

Answer: (c)

19. The value of (-1

(a) -1024
(b) -1026
(c) -1042
(d) -1062

Answer: (a)

20. The LCM of two numbers is 45 times their HCF. If one of the numbers is 125

and the sum of HCF and LCM is 1150, the other number is _____.

(a) 215
(b) 220
(c) 225
(d) 235

Answer: (c)

22. The product of 103,102 and 98 is

(a) 10,29,588
(b) 100000
(c) 1
(d) None of these

Answer: (a)

26. Give another name for `Ductless glands'

(a) Exocrine glands
(b) Endocrine glands
(c) Sebaceous glands
(d) Mammary glands

Answer: (b)

27. Which among the following is not dispersed by wind?

(a) Aak seeds
(b) Sunflower seeds
(c) Seeds of grass
(d) Seeds of Xanthium

Answer: (d)

28. Force needed to pull the block of wood is greater when weights are placed on it because

(a) Force increases with increase in mass
(b) Force increases with decrease in mass
(c) Force increases the area of contact
(d) Force decreases the area of contact

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

1	**(c)**	2	**(b)**	3	**(a)**	4	**(c)**	5	**(d)**	9	**(a)**
10	**(a)**	11	**(d)**	13	**(c)**	14	**(c)**	15	**(a)**	16	**(a)**
18	**(c)**	19	**(c)**	20	**(c)**	22	**(a)**	24	**(a)**	25	**(b)**
27	**(a)**	28	**(a)**	29	**(b)**	31	**(b)**	32	**(c)**	33	**(a)**
34	**(c)**	35	**(d)**	36	**(c)**	38	**(a)**	40	**(b)**		

Mental Ability and Mental Aptitude

1	**(b)**	2	**(d)**	5	**(d)**	7	**(c)**	9	**(c)**	10	**(d)**
12	**(d)**	13	**(c)**	14	**(c)**	15	**(c)**	18	**(c)**	19	**(c)**
21	**(b)**	22	**(a)**	23	**(c)**	28	**(d)**	29	**(c)**		

Science and Simple Arithmetic

2	**(a)**	5	**(a)**	8	**(b)**	10	**(d)**	12	**(c)**	16	**(c)**
19	**(a)**	20	**(c)**	22	**(a)**	26	**(b)**	27	**(d)**	28	**(a)**