PREVIOUS YEAR PAPER

MP Police Constable 2016 — 20 July 2016, Shift 2

MP Police Constable · 20 July 2016 · 12:00 PM

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

Left out of the original paper: 41 (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 20 July 2016, 12:00 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-2016-20-jul-shift-2/

General and Logical Knowledge

1. The first Tirthankara (Jain guru) was

(a) Rishabhnath
(b) VardhamanMahavira
(c) Parsavanath
(d) Adityanath

Answer: (a)

2. A call center company had to arrange transportatio or its employees. They asked for quotes from different provider agencies and the following ar e options they got: A. This option allows having uniform rate for day and night trips. This wo cost you Rs.1000 per trip.

B. This option has differential fare for day a rips. Day trips would cost 700 per trip and night trips would be charged 1200 per trip.

C. This option charges depending on the total distance covered in a trip. It charges Rs.800 per trip if trip distance is more than 50 KM and Rs.1100 if trip distance is less than 50KM. If the company has only 5 night trips and all less than 50KM, which would be the best option?

(a) A
(b) B
(c) C
(d) Either A or B

Answer: (a)

3. This famous instrumentalist plays the Sarod

(a) Pandit Ravi Shankar
(b) Amjad Ali Khan
(c) Pandit Jasraj
(d) Sajjad Hussain

Answer: (b)

5. A,B,C,D,E and F are members of a club. There are two married couples in the group. A is the brother of D's husband. C is the president of All India Working Women's Association. F, a sitarist, is a bachelor. B's wife is not a member of the club. Four of them belong to the same family. B and F are colleagues in the same organization. Who is married to D?

(a) A
(b) B
(c) E
(d) F

Answer: (c)

6. Who is the director-general of the Indian Coast Guard?

(a) H C S Bisht
(b) Rajendra Singh
(c) R K Dhowan
(d) V A Kamath

Answer: (b)

7. The autobiography of Mahatma Gandhi is ___.

(a) My Name is Truth
(b) My Experiments with Truth
(c) The Sword of Truth
(d) The Honest Truth

Answer: (b)

8. Where is Indian institute of Forest Manag ent ated in Madhya Pradesh?

(a) Indore
(b) Bhandavgarh
(c) Bhopal
(d) Burhanpur

Answer: (c)

9. Who is the founder of Wipro?

(a) Narayan Murthy
(b) Azim Premji
(c) Mukesh Ambani
(d) Laxmi Mittal

Answer: (b)

10. Which of the following belongs to the same family as Daisy, Pansy and Rose?

(a) Bed
(b) Violet
(c) Plant
(d) Red

Answer: (c)

11. Which of the following groups of states has the largest deposits of iron ore?

(a) Andhra Pradesh and Karnataka

(b) Bihar and Orissa

(c) Madhya Pradesh and Maharashtra

(d) West Bengal and Assam

Answer: (b)

12. Which of these rivers rises in Tibet, known as Tsangpo, and crosses over to India in the name of Dihang?

(a) Brahmaputra

(b) Yamuna

(c) Narmada

(d) Godavari

Answer: (a)

13. Alberuni wrote this book describing the conquests of Mahmud Ghazni

(a) Hasan-ul-nisami

(b) Kitab-ul-hind

(c) Indica

(d) Tabaqat-I-nasiri

Answer: (b)

14. If cream cracker means computer programming, and its not cream cracker, then it's programming.

(a) True

(b) False

(c) Maybe

(d) Irrelevant

Answer: (c)

16. Which articles of the Constitution of India relate to the office of the Governor?

(a) 153-162

(b) 168-177

(c) 188-191

(d) 196-201

Answer: (a)

17. Where is the tomb of Babur located?

(a) Istanbul

(b) Kabul

(c) Persia

(d) Delhi

Answer: (b)

18. Which one of the following metal is used thermometers?

(a) Copper
(b) Mercury
(c) Aluminum
(d) None of these

Answer: (b)

19. Who is the first Chief Minister of Telangana?

(a) NT Rama Rao
(b) YS Rajshekara Reddy
(c) K Harish Rao
(d) K Chandrashekar Rao

Answer: (d)

20. Which is the Sanctuary that is located in Umaria?

(a) Ghatigaon
(b) Son
(c) Bandhavgarh
(d) Kanha

Answer: (c)

21. The capital of Manipur is

(a) Shillong
(b) Imphal
(c) Aizawl
(d) Guwahati

Answer: (b)

23. Who established the Madhav Music School in Gwalior?

(a) Pandit Vishnu Narayan Bhatkhande
(b) Pandit Ravi Shankar
(c) S N Ratanjankar
(d) Rai Umanath Bali

Answer: (a)

25. Six friends A,B,C,D,E and F are sitting in a closed circle facing the centre. E is to the left of D. C is between A and B. F is between E and A.

Who is to the left of B?

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

Answer: (b)

27. Who was the last Mughal emperor of India?

(a) Bahadur Shah Zafar
(b) Aurangzeb
(c) Dara Shikoh
(d) Siraj ud Daullah

Answer: (a)

28. Madhya Pradesh hosted the National Football League in the year_____.

(a) 2013
(b) 2014
(c) 2012
(d) 2015

Answer: (a)

32. What is the day on 23rd February 1994?

(a) Monday
(b) Tuesday
(c) Wednesday
(d) Thursday

Answer: (c)

33. Find out the pair which is different from the other ne following question.

(a) Bag and Baggage
(b) Kith and Kin
(c) Pen and pencil
(d) Bread and Butter

Answer: (c)

35. The Shipping Corporation of India was conferred the _____ status by the Government of India in August, 2009.

(a) Maharatna
(b) Navratna
(c) Miniratna I
(d) Miniratna II

Answer: (b)

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

Statements:

Some packets are not kids.

All packets are flies.

Conclusions:

I. Some flies are not kids

II. All flies are packets

(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)

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

Statements:

All pens are pencils

All pencils are erasers

Conclusions:

I. All pencils are pens

II. All pens are erasers

(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)

38. What is the maximum distance between the two vowels in terms of number of letters, in the word, 'TRANSGRESSION'?

(a) 1
(b) 2
(c) 3
(d) 4

Answer: (d)

39. If the positions of the first and the sixth digits of the number 2796543018 are interchanged, similarly the positions of the second and the seventh digits are interchanged and so on, which of the following will be the third to the left of seventh digit from the left end?

(a) 0
(b) 1
(c) 7
(d) 8

Answer: (b)

Mental Ability and Mental Aptitude

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

(a) 6
(b) 14
(c) 64
(d) 126

Answer: (c)

5. A is twice as fast B and B is thrice as fast as C. The journey covered by C in 54 minutes will be be covered by A in

(a) 18 min
(b) 27 min
(c) 36 min
(d) 9 min

Answer: (d)

6. Selling price of 20 oranges is same as cost price of 30 oranges. Find the gain Percentage?

(a) 70%
(b) 80%
(c) 50%
(d) None

Answer: (c)

8. Complete the series choosing the missing number:

224,195,168,_____,120

(a) 144
(b) 145
(c) 143
(d) 146

Answer: (c)

10. Find the selling price, when cost price is 3680 and gain percent is 12 ½%.

(a) 3140
(b) 2140
(c) 4140
(d) 1440

Answer: (c)

12. Complete the series choosing the missing number:

0.5,0.55,0.65,0.80,_____

(a) 0.90
(b) 0.85
(c) 0.95
(d) 1.00

Answer: (d)

13. Tickets numbered from 1 to15 are mixed up and a ticket is drawn at random. What is the probability that it is a multiple of 3 or 5?

(a) 7/15
(b) 8/15
(c) 9/15
(d) 1/3

Answer: (a)

15. If BOLSTER is coded as ANKRSDQ then [illegible] is coded as

(a) BOLETRS
(b) ZMJCRQP
(c) ZMJLRQP
(d) OLBTRES

Answer: (b)

16. If A: B = 2:5, B: C= 15:9, what is A: B: C?

(a) 4:7:6
(b) 2:5:3
(c) 4:7:5
(d) None

Answer: (b)

19. If the side of a square is increased by 20% then what is the increase in its area?

(a) 40%
(b) 44%
(c) 42%
(d) 50%

Answer: (b)

20. A man covers a distance at a speed of 45kmph and returns back at a speed of 30 kmph. Find his average speed?

(a) 33
(b) 37
(c) 36
(d) 34

Answer: (c)

22. If 'Knowledge' is encrypted as 256535475 how is 'General' encrypted as?

(a) 7545993
(b) 7969393
(c) 7555913
(d) 755591

Answer: (c)

24. A can do a work in 30 days. He works at it for 20 days and then 'B' finished it in 12 days. In how many days 'B' alone can complete the work?

(a) 32 days
(b) 35 days
(c) 30 days
(d) 36 days

Answer: (d)

27. If THIRST is coded as UIJSTU, decode LAMENT

(a) MBNFOU
(b) MANTLE
(c) KZLDMS
(d) SMDLZK

Answer: (a)

30. (10002 - 9992) is equal to

(a) 1
(b) 1000
(c) 999
(d) 1999

Answer: (d)

Science and Simple Arithmetic

3. Which is the starting material used for the manufacture of synthetic fibres like rayon, polyesters, nylon etc?

(a) Inorganic compounds.
(b) Petrochemicals.
(c) Complex inorganic compounds.
(d) Raw materials from plants.

Answer: (b)

6. High speed winds are accompanied by

(a) Reduced air pressure
(b) Lightening
(c) Thunderstorm
(d) Increased air pressure

Answer: (a)

8. Which of the following statements is WRONG?

(a) During lightning, it is not safe to be inside a car with a metallic top
(b) Lightning and thunder occur almost simultaneously
(c) The charges developed on bodies when they are rubbed against each other is due to transfer of electrons from
(d) one body to the other

Answer: (a)

12. Two circles with the same center and different r us are called _____.

(a) Concentric circles
(b) Eccentric circles
(c) Congruent circles
(d) None of the above

Answer: (a)

13. Find the volume of a cuboid 16 m long, 14 m broad and 7 m high.

(a) 1568 cubic meter
(b) 968 cubic meter
(c) 1604 cubic meter
(d) 1509 cubic meter

Answer: (a)

15. The device called _____is used by the doctors to amplify the heart sound, it consists of an ear piece, tube and

(a) Thermometer, heart piece
(b) Amplifier, Chest piece
(c) Stethoscope, Chest piece
(d) Stethoscope, heart piece

Answer: (c)

16. Raj constructed a new house. He concreted the surroundings and pathway to his gate. As a student who loves nature, which of the following statement would you support?

(a) Concreting will not allow the water to percolate in the premises

(b) It will prevent water logging

(c) It will keep the premises look neat and tidy

(d) It will become slippery during rainy season

Answer: (a)

18. The phenomenon that helps us to see different objects around us.

(a) Regular reflection

(b) Refraction

(c) Diffraction

(d) Total internal reflection

Answer: (a)

20. Sanjana's roll number is a two digit number. Her friend Alisha's roll number has the same digits as Sanjana's roll number, with the digits interchanged. If they add their roll number, and divide the sum by 11, then _____ is the remainder.

(a) 0

(b) 1

(c) 2

(d) 5

Answer: (a)

22. Among the appliances listed below, wh[illegible] doe[illegible]t use electromagnet?

(a) Toys

(b) Electric bell

(c) Washing machine

(d) Room heater

Answer: (d)

23. The animals which have water vascular system are

(a) Fishes

(b) Sponges and Hydra

(c) Whale

(d) Dolphine

Answer: (b)

24. Oral drops are administered to children below 5 years to eradicate a disease from our country. Which is that viral disease?

(a) Polio

(b) Tuberculosis

(c) Typhoid

(d) Chicken pox

Answer: (a)

26. Find the roots of the equation
    (a) 6 and 9
    (b) 6 and 6
    (c) 3 and 3
    (d) 6 and 3

    Answer: (d)

30. Ganga action plan, launched in 1985 is aimed at
    (a) Using River Ganga for spiritual activities
    (b) Developing River Ganga for attracting tourists
    (c) Reducing pollution in river Ganga
    (d) Building dams in river Ganga

    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 and Logical Knowledge

1	**(a)**	2	**(a)**	3	**(b)**	5	**(c)**	6	**(b)**	7	**(b)**
8	**(c)**	9	**(b)**	10	**(c)**	11	**(b)**	12	**(a)**	13	**(b)**
14	**(c)**	16	**(a)**	17	**(b)**	18	**(b)**	19	**(d)**	20	**(c)**
21	**(b)**	23	**(a)**	25	**(b)**	27	**(a)**	28	**(a)**	32	**(c)**
33	**(c)**	35	**(b)**	36	**(a)**	37	**(b)**	38	**(d)**	39	**(b)**

Mental Ability and Mental Aptitude

2	**(c)**	5	**(d)**	6	**(c)**	8	**(c)**	10	**(c)**	12	**(d)**
13	**(a)**	15	**(b)**	16	**(b)**	19	**(b)**	20	**(c)**	22	**(c)**
24	**(d)**	27	**(a)**	30	**(d)**						

Science and Simple Arithmetic

3	**(b)**	6	**(a)**	8	**(a)**	12	**(a)**	13	**(a)**	15	**(c)**
16	**(a)**	18	**(a)**	20	**(a)**	22	**(d)**	23	**(b)**	24	**(a)**
26	**(d)**	30	**(c)**								