PREVIOUS YEAR PAPER

MP Police Constable 2017 — 27 August 2017, Shift 2

MP Police Constable · 27 August 2017 · 03:00 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 27 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-2017-27-aug-shift-2/

General Knowledge and Logical Knowledge

2. Find the odd one out:

(a) Silk and Shirt
(b) Wood and Table
(c) Oil and Lamp
(d) Water and Ice

Answer: (c)

3. Choose the odd one out:

23, 29, 35, 41, 47, 53

(a) 41
(b) 23
(c) 35
(d) 29

Answer: (c)

4. If COME is coded XLNV and ABLE as ZYOV, then how is MOLLY coded?

(a) LNOOB
(b) NLBOO
(c) NLOOB
(d) NLOBO

Answer: (c)

5. Palakmati, the first irrigation tank of the erstwhile Bhopal State, is located in

(a) Shahpura
(b) Raisen
(c) Urmara
(d) Bhopal

Answer: (b)

6. Which city has been chosen to host the FIFA Under-17 World Cup 2017 final ?
   (a) Kolkata
   (b) Goa
   (c) Guwahati
   (d) Kochi
   Answer: (a)

7. Which one of the following cities hosted the Twelfth South Asian Games, 2016?
   (a) Patiala
   (b) Guwahati
   (c) Agartala
   (d) Kochi
   Answer: (b)

8. Which is the oldest museum in India?
   (a) Victoria Memorial
   (b) National Museum
   (c) Indian Museum
   (d) National Rail Museum
   Answer: (c)

9. Which is the capital of Tripura?
   (a) Imphal
   (b) Dibrugarh
   (c) Agartala
   (d) Kohima
   Answer: (c)

10. Which of the following wildlife sanctuaries is in Hoshangabad?
   (a) Bori Wildlife Sanctuary
   (b) Dindori National Park
   (c) Bandhavgarh Wildlife Sanctuary
   (d) Chambal National Park
   Answer: (a)

12. When was Panchayati Raj Adhiniyam passed in Madhya Pradesh?
   (a) 1993
   (b) 1992
   (c) 1995
   (d) 1990
   Answer: (a)

13. Recently, with which country did India sign an agreement to connect both lands by waterways?
    (a) Sri Lanka
    (b) Bangladesh
    (c) Pakistan
    (d) China
    Answer: (b)

14. National animal of India is___.
    (a) Bull
    (b) Tiger
    (c) Cow
    (d) Lion
    Answer: (b)

15. The Constitution of Jammu and Kashmir came into force on
    (a) 15 August 1946
    (b) 15 August 1947
    (c) 26 January 1957
    (d) 26 January 1950
    Answer: (c)

16. Jalabhishek Abhiyan' is launched in the state of__ .
    (a) Jharkhand
    (b) Rajasthan
    (c) Chhattisgarh
    (d) Madhya Pradesh
    Answer: (d)

17. Who among the following founded the Atmiya Sabha in 1815?
    (a) Raja Rammohan Roy
    (b) Keshab Chandra sen
    (c) Bijoy Krishna Goswami
    (d) Debendranath Tagore
    Answer: (a)

18. Who are the beneficiaries of the Pradhan Mantri Vaya Vandana Yojana?
    (a) Children between 6-14 years
    (b) Unemployed youth
    (c) Rural population
    (d) Senior citizens
    Answer: (d)

19. The Supreme Commander of the Armed Forces in India is
    (a) Chief of Defence Staff
    (b) The Prime Minster
    (c) The President
    (d) The Defence Minister
    Answer: (c)

20. In November, 2017 India will host the Global Conference on Cyber Space (GCCS) in which city?
    (a) Chennai
    (b) Mumbai
    (c) Bengaluru
    (d) New Delhi
    Answer: (d)

21. The first Indian woman to swim across the English Channel was
    (a) Nisha Millet
    (b) Bula Chandhury
    (c) Bhakti Sharma
    (d) Anita Sood
    Answer: (b)

22. The number of spokes in the 'Chakra' in Indian Na[illegible]al Flag is
    (a) 40
    (b) 24
    (c) 22
    (d) 20
    Answer: (b)

24. The important fort located at Jabalpur is the
    (a) Rana Sanga Fort
    (b) Amla Fort
    (c) Maharaja Fort
    (d) Rani Durgavati Fort
    Answer: (d)

25. Complete the series choosing the missing number:

7, 9, 13, 21, _____
    (a) 42
    (b) 37
    (c) 27
    (d) 30
    Answer: (b)

26. Complete the series choosing the missing number:

1, 2, 9, 28, 65, ____

(a) 126
(b) 152
(c) 132
(d) 145

Answer: (a)

27. Complete the series choosing the missing number:

12, 16, 24, 40, ____

(a) 84
(b) 76
(c) 88
(d) 72

Answer: (d)

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

ab__abb__ba__b__

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

Answer: (a)

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

Statements:

All bats are balls

All balls are balloons

Conclusions:

I. Some balloons are bats

II. All balloons are bats

(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)

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

Statements:

Some people are clever

Some clever are fools

Conclusions:

I. Some people are fools

II. All fools are clever

(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. Find the next expression in the series: A, ABB, ABBCCC, _____?

(a) AABBCCDDDD
(b) ABBCCDDDDD
(c) ABBCCCDDDD
(d) ABBBCCCDDD

Answer: (c)

36. IfANIKET is coded BOJLFU, then how is VI[illegible]DAS coded?

(a) WJLSBOEBT
(b) WJLSBNEBT
(c) WJLTBNEBT
(d) WJLSBNEBP

Answer: (b)

38. The fourth Guru of the Sikhs was

(a) Guru Ram Das
(b) Guru Angad Dev
(c) Guru Gobind Singh
(d) Guru Amar Das

Answer: (a)

39. In a certain code language,peka doka suka means hit and hot, fetu peka seka means well and good, leka suka maka means hit the target. Which is the word for hot in that code language?

(a) doka
(b) suka
(c) fetu
(d) peka

Answer: (a)

Mental Ability and Mental Aptitude

6. Naresh travels to a place 300 km away at an average speed of 50 kmph and returns at 60 kmph. What is the approximate average speed of the whole journey?

(a) 70 kmph
(b) 40 kmph
(c) 54 kmph
(d) 65 kmph

Answer: (c)

7. The difference between four times the age of A and five times the age of B is zero. 15 years hence, the difference between the ages of A and B will be 5. Find the present age of A.

(a) 3
(b) 5
(c) 7
(d) 15

Answer: (b)

8. The average of 5 numbers is 50. If each number is increased by 5, the new average is :

(a) 57
(b) 54
(c) 53
(d) 55

Answer: (d)

10. If a rain coat has a marked price of Rs. 250, but was sold at Rs. 225, what could be its discounted price?

(a) 9%
(b) 11%
(c) 10%
(d) 8%

Answer: (c)

11. A person commutes to his office at 5 kmph and returns home at a speed of 1 kmph. If the total me taken is 6 hrs, then what is the distance between his house and the office?

(a) 7 km
(b) 5 km
(c) 8 km
(d) 6 km

Answer: (b)

13. What would be the digit in the unit place of the product of 61*62*63* ..... *68*69?

(a) 4
(b) 0
(c) 9
(d) 8

Answer: (b)

17. Three pipes can empty a tank in 10 hrs. How many pipes are required to empty the tank in 2 hrs?

(a) 18
(b) 6
(c) 10
(d) 15

Answer: (d)

19. The purchase cost of 5 mangoes is equal to the s ng price of 4 mangoes. What is the profit percentage? / 5

(a) 20%
(b) 25%
(c) 33%
(d) 30%

Answer: (b)

25. A ball of wax of diameter 30 cm is melted to make candles 5 cm long and 2 cm radius. How many such candles can be made?

(a) 225
(b) 900
(c) 450
(d) 180

Answer: (a)

26. An iron bar has a length of 11 m and weight of 23.1 kg. What will be the weight of a similar iron bar, which has a length of 13 m?

(a) 65.3 kg
(b) 27.3 kg
(c) None of the above
(d) 28.3 kg

Answer: (b)

30. Find the average.

112, 114, 126, 118, 120 & 124

(a) 115
(b) 118
(c) 117
(d) 119

Answer: (d)

Science and Simple Arithmetic

3. Iodine is a vital component of hormones produced by:

(a) Thyroid gland
(b) Adrenal gland
(c) Pituitary gland
(d) Pancreas

Answer: (a)

5. A cycle is sold at a gain of 16%. Had it been sold for Rs.100 more, the gain would have been 20%. The cost price of the cycle is:

(a) Rs. 2500
(b) Rs. 2750
(c) Rs. 2250
(d) Rs. 3000

Answer: (a)

6. Find the number whose cube is – 2744000.

(a) 140
(b) -140
(c) -210
(d) 210

Answer: (b)

8. If Rs.15000 amounts to Rs.18000 in 4 years, what will Rs. 25000 amounts to in 6 years at the same rate?

(a) Rs. 35000
(b) Rs. 32500
(c) Rs. 30000
(d) Rs. 28000

Answer: (b)

10. The length of the longest rod that can be placed in a room 12 m long, 9 m broad and 8 m high is:
    (a) 19 m
    (b) 15 m
    (c) 17 m
    (d) 12 m
    Answer: (c)

12. Which of the following atomic power station is located in Tamil Nadu?
    (a) Kaiga power plant
    (b) Tarapur power station
    (c) Kalpakkam power station
    (d) Kakrapar power station
    Answer: (c)

13. A carbon compound when heated in excess of concentrated sulphuric acid at 443K gives ethane. The compound is an_____.
    (a) alcohol
    (b) acid
    (c) ester
    (d) alkane
    Answer: (a)

14. Heavenly bodies which have no light of their own are:
    (a) Constellations
    (b) Planets
    (c) White dwarfs
    (d) Stars
    Answer: (b)

15. Which cell does not have perforated cell wall?
    (a) Tracheids
    (b) Sieve tubes
    (c) Vessels
    (d) Companion cells
    Answer: (d)

21. Which one of the changes observed during adolescence is not associated with boys?
    (a) High pitched voice
    (b) Appearance of moustache
    (c) Increase in height
    (d) Broad shoulders
    Answer: (a)

23. ABCD is a parallelogram in which DAB = 75 , DBC = 60 . Then CDB =____.

(a) 45
(b) 60
(c) 30
(d) 15

Answer: (a)

25. Which one of the features mentioned below is not applicable to striated muscle?

(a) They are uninucleate
(b) They show alternate light and dark bands
(c) They are usually attached to the bones
(d) They are long, cylindrical and unbranched

Answer: (a)

26. AB and CD are two parallel chords of a circle such that AB = 10 cm and CD = 24 cm. If the chords are on the opposite sides of the center and the distance between them is 17 cm, then the radius of the circle is: AB

(a) 13 cm
(b) 10 cm
(c) 15 cm
(d) 12 cm

Answer: (a)

27. Black dot like structures seen in the underside o rn leaflets are:

(a) Sori
(b) Seeds
(c) Spores
(d) Sporophylls

Answer: (a)

28. Winged seeds are found in_____.

(a) fern
(b) sunflower
(c) xanthium
(d) drumstick

Answer: (d)

29. The Himalayan forests, particularly; Garhwal Himalayas have been burning regularly during the last few summers, with colossal loss of vegetation cover of that region. The reasons for fast-spreading forest fires could be:

(a) Fanned by strong winds only
(b) High temperatures only
(c) All of the above
(d) Prolonged drought only

Answer: (c)

30. When electrodes are immersed in acidulated water and electric current is passed, the bubbles formed at positive terminal is:

(a) Hydrogen gas

(b) Oxygen gas

(c) Carbon dioxide

(d) Nitrogen gas

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	**(c)**	3	**(c)**	4	**(c)**	5	**(b)**	6	**(a)**	7	**(b)**	8	**(c)**	9	**(c)**
10	**(a)**	12	**(a)**	13	**(b)**	14	**(b)**	15	**(c)**	16	**(d)**	17	**(a)**	18	**(d)**
19	**(c)**	20	**(d)**	21	**(b)**	22	**(b)**	24	**(d)**	25	**(b)**	26	**(a)**	27	**(d)**
28	**(a)**	29	**(b)**	32	**(c)**	33	**(c)**	36	**(b)**	38	**(a)**	39	**(a)**		

Mental Ability and Mental Aptitude

6	**(c)**	7	**(b)**	8	**(d)**	10	**(c)**	11	**(b)**	13	**(b)**	17	**(d)**	19	**(b)**
25	**(a)**	26	**(b)**	30	**(d)**										

Science and Simple Arithmetic

3	**(a)**	5	**(a)**	6	**(b)**	8	**(b)**	10	**(c)**	12	**(c)**	13	**(a)**	14	**(b)**
15	**(d)**	21	**(a)**	23	**(a)**	25	**(a)**	26	**(a)**	27	**(a)**	28	**(d)**	29	**(c)**
30	**(b)**														