

**Meghalaya
Police SI (ABSI)**

**Previous Year Paper
Paper-II & III
05 Nov, 2016**



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(DO NOT OPEN THE BOOKLET UNLESS TOLD TO DO SO)

**Written Test (Objective Type)
PAPER II & III****C**

Booklet Series

11141

Test Booklet No.

Max Marks – 125

Time – 150 minutes

Instructions:

1. Read carefully the instructions given below before answering the questions.
2. This multiple choice question paper consists of 7 sections, Section "A" - Elementary Mathematics, Section "B" – Reasoning, Section "C" – Basic Science, Section "D" – General Knowledge Meghalaya, Section "E" – General Knowledge North East India, Section "F" – General Knowledge India, Section "G" – General Knowledge International, Booklet carries 16 pages.
3. Darken only ONE Choice with **Black Ball** pen from the four options marked a, b, c, d on the OMR sheet provided.
4. The instructions on the OMR sheet should be followed carefully.
5. Each question carries 1 mark
6. All questions are compulsory.
7. Do not write anything on this question booklet. Only filled OMR sheet will be accepted as answer script.
8. You will be provided extra sheets for rough works which must be later attached at the end of pages.
9. Candidate should allocate their time judiciously in all the 7 sections, so as to be able to qualify in each of the seven sections as well as in aggregate.

ROUGH WORK



A) ELEMENTARY MATHMEMATICS

1. The ages of A and B are in the ratio 3:1. Fifteen years hence, the ratio will be 2:1. Their present ages are:

a) 30 years, 10 years	b) 45 years, 15 years
c) 21 years, 7 years	d) 60 years, 20 years
2. If a quarter kg of potato costs 60 paise, how many paise will 200 gm cost?

a) 48 paise	b) 54 paise	c) 56 paise	d) 72 paise
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3. A car travels the first one-third of a certain distance with a speed of 10 km/hr, the next one-third distance with a speed of 20 km/hr and the last one-third distance with a speed of 60 km/hr. The average speed of the car for the whole journey is:

a) 18 km/hr	b) 24 km/hr	c) 30 km/hr	d) 36 km/hr
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4. Which of the following fractions is largest?

a) $\frac{5}{9}$	b) $\frac{13}{18}$	c) $\frac{31}{45}$	d) $\frac{63}{90}$
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5. 0.004×0.162 is equal to:

a) 6.48×10^{-3}	b) 6.48×10^{-4}	c) 6.48×10^{-5}	d) 6.48×10^{-2}
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6. In an examination it is required to get 40% of the aggregate marks to pass. A student gets 261 marks and is declared failed by 4% marks. What are the maximum aggregate marks a student can get?

a) 700	b) 730	c) 725	d) 765
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7. A can complete $\frac{2}{3}$ of a work in 4 days and B can complete $\frac{3}{5}$ of the work in 6 days. In how many days can both A and B together complete the work?

a) 3 days	b) 2 days	c) $3\frac{3}{4}$ days	d) $2\frac{7}{8}$ days
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8. The average monthly salary of 20 employees in an organization is Rs. 1500. If the manager's salary is added, then the average salary increases by Rs. 100. What is the manager's monthly salary?

a) Rs. 2000	b) Rs. 2400	c) Rs. 3600	d) Rs. 4800
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9. The sum of three consecutive multiples of 3 is 81. What is the largest number?

a) 27	b) 33	c) 30	d) 24
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10. Which of the following is a leap year?

a) 1892	b) 1900	c) 1906	d) 1910
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B) REASONING

Q 11-12: Read the following information carefully and answer the questions given below it:

Eight students A, B, C, D, E, F, G and H are planning to enjoy car racing. There are only two cars and following are the conditions:

- I. One car can accommodate maximum five and minimum four students.
- II. A will sit in the same car in which D is sitting but H is not in the same car.
- III. B and C cannot sit in the same car in which D is sitting.
- IV. F will sit in the car of four people only along with A and E but certainly not with G.

- 11) If H and G are sitting in the same car, who are the other two students sitting in the same car?
a) B and C b) C and D c) B and D d) E and B
- 12) If E and A are sitting in the same car, which of the following statement is true?
a) Five students are sitting in the same car. b) B is sitting in the same car.
c) F is not sitting in the same car. d) G is not sitting in the same car.
- 13) In a certain code BAKE is written as '3@#7' and BIND is written as '342%'. How is DEAN written in that code?
a) %@72 b) %7@2 c) #7@2 d) %7#2
- 14) The positions of the first and the sixth digits in the number 5310694728 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 from the right end after the rearrangement?
a) 1 b) 3 c) 7 d) 0
- 15) If TALENT is written as LATENT, how EXOTIC can be written in that code?
a) OXOTIC b) TEXTIC c) OXETIC d) EXOTIC
- 16) **Direction:** select the missing number from the given responses.

4	10	6
12	96	48
16	152	?

- a) 110 b) 104 c) 112 d) 124
- 17) Anita drives from point A towards North and travels 30 km. She then turns to the right and travels 4 km, and then again turns to the right and drives straight for 30 km. How much distance she has to cover to go straight to the starting point?
a) 26 km b) 8 km c) 22 km d) 4 km

- 18) A solid cube of 4 inches has been painted red, green and black on pair of opposite faces. It has been cut into one inch cubes. How many cubes have only one face painted?
a) 4 b) 8 c) 16 d) 24
19. Pointing to Amit, Anita said, "His mother is the only daughter of my mother." How is Anita related to Amit?
a) Mother b) Daughter c) Sister d) Grandmother
20. If (i) M is brother of N; (ii) B is brother of N; and (iii) M is brother of D, then which of the following statements is definitely true?
a) N is brother of B b) N is brother of D c) M is brother of B d) D is brother of M
21. I am facing east. I turn 100 degrees in the clockwise direction and then 145 degrees in the anticlockwise direction. Which direction am I facing now?
a) East b) North-east c) North d) South-west

Q 22-25: Read the following information carefully and answer the questions given below it:

- I. Six flats on a floor in two rows facing North and South are allotted to P, Q, R, S, T and U
- II. Q gets a North facing flat and is not next to S
- III. Sand U get diagonally opposite flats
- IV. R, next to U, gets a South facing flat and T gets a North facing flat.

22. Which of the following combinations get South facing flats?
a) QTS b) UPT c) URP d) Data inadequate
23. Whose flat is between Q and S?
a) T b) U c) R d) P
24. If the flats of T and P are interchanged, whose flat will be next to that of U?
a) P b) Q c) R d) Data inadequate
25. The flats of which of the other pairs than SU, is diagonally opposite to each other?
a) QP b) QR c) PT d) TS
26. Which letter is midway between 22nd letter from the left and 21st letter from the right?
a) L b) M c) O d) N

Q 27-30: Give answer (a) if only the conclusion I follows; (b) if only conclusion II follows;
(c) if either I or II follow; and (d) if neither I nor II follows:

27. Statements:

All rats are dogs.

All dogs are cats.

Conclusion:

I. All rats are cats

II. All cats are rats

28. Statements:

All apples are oranges.

Some oranges are bananas.

Conclusion

I. Some apples are bananas

II. Some bananas are apples

29. Statements:

Some players are singers

All singers are tall

Conclusion

I. Some players are tall

II. All players are tall

30. Statements:

Some dogs bark

All dogs bite

Conclusion:

I. Those dogs who do not bark, also bite

II. Those dogs who do not bark, not necessarily bite.

C) BASIC SCIENCE

31) Low level languages:

- a. Are machine dependent, i.e. they are designed to run on a particular computer and in the form of 0's and 1's
- b. Are also easier to learn and are not depended to a particular type of computer
- c. Need interpreter or compiler convert into low level language so that computer can understand
- d. All of the above

32) Electronic mail is the:

- a) Transmission of letters, messages and memos over a communications network
- b) Distribution of all information functions in the office
- c) Both a and b
- d) None of the above

33) Primary memory of computer:

- a) Stores the necessary programs of system software
- b) Determines the size and the number of programs that can be held within the computer at the same time
- c) Both a and b
- d) None of the above

34) A sequence of instructions, in a computer language, to get the desired result, is known as:

- a) Algorithm
- b) Decision table
- c) Program
- d) All of the above

35) DOS is:

- a) A software
- b) A hardware
- c) A data organization system
- d) None of the above

36) The brain of any computer system is

- a) ALU
- b) CPU
- c) Memory
- d) RAM

37) The sky appears blue because:

- a) It is actually blue
- b) The atmosphere scatters blue light more than the others
- c) All colours interfere to produce blue
- d) In white light, blue colour dominates

38) For which of the following reasons, clouds do not rain in desert?

- a) Maximum air velocity
- b) Minimum temperature
- c) Minimum air velocity
- d) Minimum humidity

39) Among the following which planet takes maximum time for one revolution around the Sun?

- a) Earth
- b) Jupiter
- c) Mars
- d) Venus

- 40) In what regions can the sun be seen at midnight?
- The tropical zone
 - Warm temperate regions
 - The Arctic and Antarctic regions
 - Anywhere at the time of lunar eclipse
- 41) Which of the following is a star?
- Moon
 - Earth
 - Venus
 - Sun
- 42) Microsoft office:
- Is a suite of Microsoft primary application for Windows and Macintosh
 - Include some combination of Word, Excel, PowerPoint, Access and schedule along with a host of internet and other utilities
 - Both a and b
 - None of the above
- 43) Motherboard:
- Is the main circuit board, also called system board, in an electronic device which consists of sockets that accepts additional boards
 - Enhance business presentations
 - Both a and b
 - None of the above
- 44) Sericulture is:
- Science of the various kinds of serum.
 - Artificial rearing of fish.
 - Art of silkworm breeding.
 - Study of various cultures of a community.
- 45) Consider the following statements:
- Ozone is found mostly in the Stratosphere
 - Ozone layer lies 55-75 km above the surface of the earth
 - Ozone absorbs ultraviolet radiation from the sun
 - Ozone layer has no significance for life
- Which of the above statements are correct?
- 1 and 3
 - 2 and 4
 - 2 and 3
 - 1 and 4
- 46) Solar eclipse takes place when:
- The moon comes between the sun and the earth
 - The earth comes between the sun and the moon
 - The sun comes between the moon and the earth
 - None of the above
- 47) Light year is a unit of:
- Intensity of light
 - Distance
 - Time
 - Planetary motion

- 48) The greatest diversity of animals and plants species occurs in:
- Temperate deciduous forests
 - Tropical moist forests
 - Heavily polluted rivers
 - Desert lands
- 49) Most of the weather phenomena take place in the:
- Stratosphere
 - Troposphere
 - Tropopause
 - Ionosphere
- 50) Tsunamis are huge sea waves caused by:
- Earthquakes
 - Volcanoes
 - Winds
 - Icebergs

D) GENERAL KNOWLEDGE MEGHALAYA

- 51) Coal found in Meghalaya is famous for:
- High amount of sulphur
 - Low ash content
 - Both (a) and (b)
 - None of the above
- 52) Which animal is known as the State Animal of Meghalaya?
- Leopard Cat
 - Binturong Cat
 - Clouded Leopard
 - Barking Deer
- 53) The North Eastern Indira Gandhi Regional Institute for Medical Science was established in which year?
- 1984
 - 1995
 - 1987
 - 1999
- 54) Which place is known as the birth place of Khasi Literature?
- Shillong
 - Cherrapunjee
 - Nongstoin
 - Jowai
- 55) Which city is the headquarters of the East Garo Hills district?
- Tura
 - Nongstoin
 - Williamnagar
 - Sisobibra
- 56) The biggest church in Meghalaya is located in which locality?
- Police Bazar
 - Laitumkhrah
 - Jaiaw
 - Mawlai
- 57) The Meghalaya Day Awards given annually on January 21 in memory of Meghalaya freedom fighters comprises of
- Tirot Sing Awards of Arts and Literature
 - Kiang Nangbah Awards for Sports
 - Pa Togan Sangma Awards for Social Service
 - All of the above

- 58) The Aphira Awards comprises of the
a) Jeebon Roy Mairom Award for literature b) Bashai Rai Dohling Award for Arts and Music
c) Syiem Abi Sing Award For Sports (d) All of the above
- 59) Who led the Garos against the British soldiers when they attacked the Garo Hills in 1872?
a) Shri. Clement Marak b) Capt. W. A. Sangma
c) Shri. L. D. Sangma d) Pa Togan Sangma
- 60) Nongknum Island, the second largest river island in Asia, is located in which district?
a) East Khasi Hills b) Ri-Bhoi c) West Jaintia Hills d) West Khasi Hills
- 61) The district Headquarters of West Garo Hills is
a) Williamnagar (b) Tura c) Baghmara d) Ampati
- 62) Who wrote the book 'Jawaharlal Nehru: The Thinking Dynamo'?
a) P. R. Kyndiah b) A. K. Baishya c) R. S. Lyngdoh d) A. K. Paul
- 63) The National Green Tribunal has banned
a) Timber felling b) Rat hole mining c) Cement Plants d) Limestone quarrying
- 64) Nohkalikai Falls is located in which district of Meghalaya?
a) East Khasi Hills b) West Khasi Hills c) Ri-Bhoi d) West Jaintia Hills
- 65) Jowai is located at a distance of from Shillong.
a) 59 kms b) 66 kms c) 72 kms d) 86 kms
- 66) Shillong Golf Course is an hole golf course.
a) 17 b) 18 c) 19 d) 20
- 67) Balpakram National Park is situated in:
a) West Khasi Hills b) Ri Bhoi c) South Garo Hills d) None of the above
- 68) M. M. Jacob became the Governor of Meghalaya in:
a) 1992 b) 1993 c) 1994 d) 1995
- 69) The current Chief Minister of Meghalaya is:
a) R. S. Mooshahary b) Dr. K.K. Paul
c) Dr. Mukul Sangma d) Capt. W.A. Sangma
- 70) What is the total area of Meghalaya?
a) 25467 sq. Km b) 22429 sq. Km c) 21087 sq. Km d) 16579 sq. Km

- 71) How many districts are there in Meghalaya?
a) 9 b) 10 c) 11 d) 12
- 72) In which district is 'Shad Suk Mynsiem' celebrated?
a) West Khasi Hills b) East Khasi Hills c) West Garo Hills d) East Jaintia Hills
- 73) Where is 'Wangala Dance' celebrated?
a) Garo Hills b) Jaintia Hills c) Khasi Hills d) Assam
- 74) Name the years when Meghalaya experienced major earthquakes in the past?
a) 1847 and 1931 b) 1871 and 1940 c) 1897 and 1950 d) 1888 and 1947
- 75) When was the 14th Lok Sabha polling held in Meghalaya?
a) 8th April, 2014 b) 9th April, 2014 c) 10th April, 2014 d) 11th April, 2014
- 76) When did Meghalaya attain a full-fledged state?
a) 1972 b) 1973 c) 1974 d) 1975
- 77) U Tirot Sing, was the Syiem of
a) Myllem b) Nongkhlaw c) Nongstoin d) Mairang
- 78) Nartiang is famous for it's
a) Waterfalls b) Lakes c) Monoliths d) Hot Springs
- 79) In which year the British capital was shifted to Shillong from Cherrapunjee?
a) 1867 b) 1876 c) 1881 d) 1884
- 80) One of the largest river islands in Asia a few kilometers away from Nongstoin is
a) Nongknum b) Syndai
c) Ranikor d) None of the above
- 81) The highest peak in Garo Hills is
a) Tura peak b) Nokrek c) Balpakram d) None of the above
- 82) What is the total forest cover in Meghalaya as per Forest Survey in India 2011?
a) 12075 sq. Km b) 21098 sq. Km c) 17275 sq. Km d) 19649 sq. Km

- 83) How far is Tura from Shillong via Guwahati?
a) 259 kms b) 323 kms c) 364 kms d) 381 kms
- 84) Gonal River is known by what name as it enters Goalpara District of Assam?
a) Kalu river b) Barak river c) Digaru river d) Simsang river
- 85) Sillimanite and Corundum deposits are found in:
a) Mawshynrut b) Nongdaju c) Sonapahar d) None of the above
- 86) The highest peak in Meghalaya known as Shillong Peak is at a height of:
a) 1943 m above main sea level b) 1956 m above main sea level
c) 1959 m above main sea level d) 1961 m above main sea level
- 87) The Norkrek Peak is the highest peak in Western Meghalaya is at a height of:
a) 1298 m above main sea level b) 1387 m above main sea level
c) 1412 m above main sea level d) 1493 m above main sea level
- 88) Which country borders Meghalaya?
a) Bangladesh b) Bhutan c) China d) Myanmar
- 89) Umiam Lake is located in which district in Meghalaya?
a) East Khasi Hills b) West Jaintia Hills c) Ri-Bhoi d) West Khasi Hills
- 90) What is the official language of the State of Meghalaya?
a) Khasi b) Jaintia c) English d) Garo

E) GENERAL KNOWLEDGE NORTH EAST INDIA

- 91) The Lepchas are an ethnic community belonging to the state of
a) Tripura b) Arunachal Pradesh c) Sikkim d) Assam
- 92) Which among the states below does not have English as its official language?
a) Nagaland b) Arunachal Pradesh c) Manipur d) Mizoram
- 93) There are four countries which share their borders with North East India. Which among them is the smallest?
a) China b) Bhutan c) Myanmar d) Bangladesh

- 94) About of the world's one horned Rhino is found in Kaziranga National Park of Assam
a) Half b) One – third c) Two – thirds d) Less than half
- 95) The famous 'Horn Bill Festival' is celebrated in which state?
a) Mizoram b) Manipur c) Nagaland d) Tripura
- 96) The Capital of Assam is:
a) Guwahati b) Silchar c) Dispur d) Jorhat
- 97) In which state in North East India is "Keibul Lamjao National Park" located?
a) Mizoram b) Tripura c) Nagaland d) Manipur
- 98) River Barak flows through:
a) Nagaland b) Manipur c) Assam d) Meghalaya
- 99) Kamakhya Temple is located in:
a) Silchar – Assam b) Itanagar – Arunachal Pradesh
c) Guwahati – Assam d) Agartala – Tripura
- 100) Biggest river in North East India is:
a) Barak b) Brahmaputra c) Lohit d) Dhansiri
- 101) Largest state in North East India is:
a) Assam b) Meghalaya c) Nagaland d) Arunachal Pradesh
- 102) Which is the only state in India where the 4 large cats, i.e. Tiger, Leopard, Clouded Leopard and Snow Leopard are found?
a) Mizoram b) Arunachal Pradesh c) Meghalaya d) Nagaland
- 103) According to the 2011 census, which state in North East India has the second largest population after Assam?
a) Arunachal Pradesh b) Meghalaya c) Tripura d) Manipur
- 104) Durga Puja is celebrated in which month of the year?
a) January b) May c) August d) October
- 105) The National Highway which passes from the Meghalaya Border – Badarpur – Karimganj – Patharkandi – Up to Tripura Border is
a) NH 44 b) NH 36 c) NH 52 d) NH 54

F) GENERAL KNOWLEDGE INDIA

- 106) Who was the first woman President in India?
a) Smt. Pratibha Patel b) Smt. Meira Kumar
c) Indira Gandhi d) Vijayalakshmi Pandit
- 107) When was the first Five year plan launched?
a) 1951 b) 1954 c) 1949 d) 1956
- 108) The "Gateway of India" is located in which city?
a) New Delhi b) Chennai c) Mumbai d) Kolkata
- 109) What is the national animal of India?
a) Lion b) Tiger c) Peacock d) Elephant
- 110) What is the national game of India?
a) Football b) Cricket c) Hockey d) Badminton
- 111) Which of the following is not a union territory?
a) Chandigarh b) Pondicherry c) Odisha d) Lakshadweep
- 112) Who is the current Vice President of India?
a) Dr. Manmohan Singh b) Shri Pranab Kumar Mukherjee
c) Bhairon Singh Shekhawat d) Mohammad Hamid Ansari
- 113) Which is the highest mountain in India?
a) Nanda Devi b) Kamet c) Mount Everest d) Kanchenjunga
- 114) The Indian war for Independence started in which year?
a) 1857 b) 1914 c) 1947 d) 1939
- 115) Which city in India is known as the "Pink City"?
a) Udaipur b) Chandigarh c) Jaipur d) Srinagar

G) GENERAL KNOWLEDGE INTERNATIONAL

- 116) Which is the longest river in the world?
a) Brahmaputra b) Nile c) Amazon d) Yangtze
- 117) Who painted the "Mona Lisa"?
a) Pablo Picasso b) Giotto Di Bondone
c) Leonardo Da Vinci d) Michelangelo Buonarroti

- 118) Which is the largest lake in the world?
a) Caspian Sea b) Victoria c) Huron d) Baikal
- 119) The King and Queen of England stay in which palace?
a) Bugor Palace b) Buckingham Palace c) Elysee Palace d) Vatican City
- 120) Which of the following is not a desert located in Australia?
a) Great Victoria b) Great Sandy c) Gibson d) Sonoran
- 121) Which country is known as the "Land of the Rising Sun"?
a) India b) Norway c) Japan d) Malaysia
- 122) Which city is the capital of Australia?
a) Melbourne b) Sydney c) Perth d) Canberra
- 123) Who are the current World Champions for the FIFA World Cup?
a) Germany b) Spain c) Brazil d) Netherlands
- 124) Who was the first man to go to space?
a) Yuri Gagarin b) Alexei Leonov c) Neil Alden Armstrong d) Peter Habeler
- 125) Ceylon is the old name for which country?
a) Indonesia b) Zimbabwe c) Ethiopia d) Sri Lanka

ROUGH WORK

