

# MIZORAM PUBLIC SERVICE COMMISSION

## GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF INSPECTOR UNDER EXCISE & NARCOTICS DEPARTMENT NOVEMBER, 2019

### GENERAL STUDIES PAPER - III

Time Allowed : 2 hours

Full Marks : 200

*Attempt all questions.*

*All questions carry equal marks of 2 each.*

1. Department of Science & Technology (DST) was established in
  - (a) 1965
  - (b) 1971
  - (c) 1975
  - (d) 1980
2. CV Raman was awarded Nobel Prize for his work on
  - (a) the scattering of light
  - (b) developing cryoelectron microscopy
  - (c) development of wireless telegraphy
  - (d) theoretical discoveries of topological phase transitions
3. The assigned code name of India's first successful nuclear bomb test was
  - (a) IndNuc
  - (b) GiantWeapon
  - (c) Smiling Buddha
  - (d) Smiling Krishna
4. Who is known as *The Missile Woman of India*?
  - (a) Asima Chatterjee
  - (b) Indira Gandhi
  - (c) Kiran Bedi
  - (d) Tessy Thomas
5. The rover of Chandrayaan 2 is called
  - (a) Pragyan
  - (b) Vikram
  - (c) The Prag
  - (d) The Chandra
6. Name an Indian Mathematician who was the first to give rules to compute with zero
  - (a) Varâhamihira
  - (b) Bhaskara II
  - (c) Aryabhata
  - (d) Brahmagupta
7. The Prime Minister's Research Fellowship (PMRF) scheme is aimed at
  - (a) promoting economically backward Indian researchers for carrying out research in the field of science & technology domains
  - (b) attracting the talent pool of the country to doctoral (PhD) Programs in top Indian institutes (such as IITs/IISERs/IISc/) for carrying out research in Cutting Edge Science & Technology domains
  - (c) promoting Indian women researchers for carrying out research in the field of science and technology
  - (d) promoting eligible Indian researchers for carrying out research abroad (outside India) in the field of science and technology

8. The first national state-of-the-art cGMP facility for production of herbal preparations was established in
- (a) IIT-Kanpur (b) IISc Bangalore  
(c) IIT-Roorkeela (d) CSIR-IIIM
9. Pradhan Mantri Krishi Sinchai Yojana is a national mission
- (a) to promote scientific research on different electronic waste management system  
(b) to promote the awareness on global warming and related issues  
(c) to improve farm productivity and ensure better utilization of the resources in the country.  
(d) none of these
10. Name of the India's first manned spacecraft
- (a) Gaganyaan (b) Chandrayan 1  
(c) Bhaskara-II (d) INSAT-1A
11. Dr APJ Abdul Kalam was known as *the Missile Man of India* for his work on
- (a) the development of cruise missile and its launch vehicle  
(b) the development of ballistic missile and launch vehicle technology  
(c) the development of nuclear reactors  
(d) the development of Brahmos and Nirbhay missiles
12. The Bhabha Atomic Research Centre (BARC) is India's premier nuclear research facility, headquartered in
- (a) Trombay (b) Pokhran  
(c) Jaipur (d) Dholpur
13. Who is known as Father of Indian Space Program?
- (a) CV Raman (b) Vikram Sarabhai  
(c) APJ Kalam (d) Satish Dhawan
14. Government of India has launched the **Digital India programme** on
- (a) July 2014 (b) July 2015  
(c) July 2016 (d) July 2017
15. What is the name of an Indian agriculture 24-hour television channel, which is owned by Doordarshan which has been dedicated to agriculture and related sectors
- (a) DD Kisaanon TV (b) DD Shram TV  
(c) DD Kisan (d) DD-Agri
16. What are the objectives of launching Chandrayaan-2 moon mission?
- (a) To map the lunar surface and help to prepare 3D maps of it.  
(b) To study signature of water-ice on the lunar surface.  
(c) To demonstrate the ability to soft-land on the lunar surface.  
(d) All these.
17. Who is an Indian inventor from Assam, who received Padma Shri Award 2019
- (a) Uddhab Bharali (b) Prabhu Deva  
(c) Vinod Kumar (d) Illias Ali
18. The National Action Plan on Climate change was formally launched on
- (a) June 30<sup>th</sup>, 2008 (b) June 30<sup>th</sup>, 2018  
(c) June 30<sup>th</sup> 2000 (d) June 30<sup>th</sup>, 2010

19. What is the name of a science award in India given annually by the Council of Scientific and Industrial Research (CSIR) for notable and outstanding research in Science and Technology.
- (a) The Shanti Swarup Bhatnagar Prize for Science and Technology
  - (b) The Indian Science Award
  - (c) The Exellency Award for Science and Technology
  - (d) Sahitya Akademi Award for Science and Technology
20. Television came to India in the year
- (a) 1959
  - (b) 1970
  - (c) 1980
  - (d) 1969
21. The National e-Governance Plan (NeGP) is an initiative of the Government of India
- (a) to make all government services available to the citizens of India via electronic media.
  - (b) to provide cheap and fast Internet facilities to all Indian citizens
  - (c) to upgrade the infrastructures of Internet facilities in India
  - (d) none of these
22. Who developed the first Indian supercomputer, the PARAM 8000
- (a) Vijay P. Bhatkar
  - (b) CV Raman
  - (c) Azim Hashim Premji
  - (d) Shantanu Narayen
23. Who created the India's first child using in-vitro fertilization
- (a) Subhash Mukhopadhyay
  - (b) Subhsis Deb
  - (c) Deepak Chopra
  - (d) A.G.K Gokhale
24. e-District under NeGP projects aims at
- (a) electronic delivery of identified high volume citizen centric services at such district and sub-district level
  - (b) providing small financial loan through electronics channels for BPL family in the district
  - (c) computerization of all offices in the district main head quarters
  - (d) to facilitate disbursements of Government entitlements like NREGA, Social Security pension, Handicapped Old Age Pension etc under such districts
25. The Regional News Unit at AIR, Aizawl started functioning in
- (a) 1970
  - (b) 1975
  - (c) 1978
  - (d) 1980
26. What is the name of the India's first satellite launched in 1975
- (a) Chandrayan 1
  - (b) Bhaskara-II
  - (c) Aryabhata
  - (d) 1-SATIND
27. Television broadcasting began in India in 1959 by
- (a) Star Tv Group
  - (b) Zee Tv
  - (c) Doordarshan
  - (d) TV-India
28. The first publicly available internet service in India was launched by
- (a) VSNL
  - (b) BSNL
  - (c) NetOne
  - (d) Airtel India
29. What is the name of the India's first mobile brand?
- (a) Celkon
  - (b) Intex Technologies
  - (c) Karbonn Mobiles
  - (d) VK Munoth

30. The first cellular call was made in India over  
(a) Modi Telstra's MobileNet service (b) Bharti Airtel's GSM MobileNet service  
(c) Tata Docomo's GSM Nerserve (d) Hutch's MobileNet service
31. The Chandrayaan-2 was launched on  
(a) June 15, 2019 (b) July 1, 2019  
(c) July 22, 2019 (d) August 15, 2019
32. Which company is the first to provide 4G (fourth-generation) telecommunications service in India  
(a) BSNL (b) Bharti Airtel  
(c) Reliance Jio (d) Tata DOCOMO
33. Name of the government agency which serves as the issuing authority for Aadhaar unique identification numbers  
(a) Cenral Registrar for Indian Citizens  
(b) Unique Identity Description Authority of India  
(c) Unique Identification Authority of India  
(d) Unique Identity Access of India
34. The following is used as a lubricant in heavy machines?  
(a) Phosphorus (b) Bauxite  
(c) Graphite (d) Phosphorus
35. What is the element required for solar energy conservation?  
(a) Carbon (b) Silicon  
(c) Beryllium (d) Tantalum
36. What is oncology?  
(a) Study of cancer (b) Study of ecosystem  
(c) Study of Colon anatomy (d) Study of reproductivity
37. Who is the Google's first India-born CEO?  
(a) A. Premji (b) Larry Page  
(c) Rajeev Motwani (d) Sundar Pichai
38. Optical fibres are based on the phenomenon of  
(a) interference (b) dispersion  
(c) defraction (d) total internal reflection
39. Which one of the followings was not used to determine the traditional Mizo wealth?  
(a) Sial (b) Silai  
(c) Hmui (d) Dar
40. The portion used as sleeping place in Zawlbuk was called  
(a) Bawhbel (b) Awkpaka  
(c) Fasuar (d) Bahzar or Dawvan
41. Tangphel refers to  
(a) Length of place (b) Duration of time  
(c) Size of body (d) None of these

42. A sacrifice performed after three days of the birth of a child was called:  
(a) Bawrhkeu (b) Khal  
(c) Hnuaipui (d) Arte hring ban
43. Khuangur was a method of decomposing the dead body of:  
(a) Pasaltha (b) Thangchhuah  
(c) Chief/Lal (d) Bawlpu
44. According to Mizo custom the principal bride price is known as:  
(a) Sumfang (b) Manpui  
(c) Pusum (d) Palal
45. In Mizo marriage system, Nu man is application only when-  
(a) Parents of the bride do not marry or are divorced  
(b) Father of the bride died  
(c) Mother of the bride has more than one sister  
(d) Mother of the bride was remarried
46. Hnawkhal was the dress worn by:  
(a) Men (b) Women  
(c) Children (d) Men and women
47. Solakia originally performed by the Lakhers (Mara) was associated with  
(a) Hunting (b) Marriage  
(c) War (d) Religion
48. A man who took refuge in the chief's house due to poverty was known as  
(a) Chemsen Bawi (b) Tukluh Bawi  
(c) Inpui chhung Bawi (d) Inhrang Bawi
49. A Mizo ceremony in order to have successful hunting is known as:  
(a) Fano Dawi (b) Kawngpui siam  
(c) Daibawl (d) Chungpui
50. On which day of the chapchar kut did the children perform the Chhawngnawt?  
(a) On the first day (b) On the Second Day  
(c) On the third day (d) On the fourth day
51. The famous Mizo Chief 'Sibuta lung' was erected at:  
(a) Selesih (b) Sialsuk  
(c) Champhai (d) Tachhip
52. Thasiama Seno neihna is located in:  
(a) Chhawrtui (b) Vaphai  
(c) Chawngtui East (d) Champhai
53. The feast performed to honour the spirit of ancestors was known as:  
(a) Kawngpui siam (b) Sathingzar  
(c) Mitthirawp lam (d) Khuallam
54. Khawnglung Run occurred during  
(a) Chhim leh Hmar Indo (b) Chhak leh Tlang Indo  
(c) Thlanrawn rawt (d) Vailen vawikhatna

55. Bengkhuaia and his party raided the tea garden of Alexandrapore on  
(a) 23<sup>rd</sup> January 1870 (b) 23<sup>rd</sup> January 1871  
(c) 23<sup>rd</sup> February 1870 (d) 23<sup>rd</sup> February 1871
56. Who among the following was known as Tarmita?  
(a) T. H Lewin (b) Mc Cabe  
(c) J. Shakespear (d) N.E Parry
57. The first Superintendent of South Lushai hills was  
(a) Charles Stewart Murray (b) J. Shakespear  
(c) Vincent Tregear (d) R.B.Mc Cabe
58. The Mizo chief who killed Capt Browne was  
(a) Bengkhuaia (b) Hausata  
(c) Zathawma (d) Ngura
59. Who was /were the commander /commanders of the Lushai Expedition of 1889?  
(a) Capt. Browne (b) J. Shakespear  
(c) Col. F.V.G Tregear (d) Generals Brownlow and Bouchier
60. The last Mizo chief who put up resistance against the British was  
(a) Kalkhama (b) Ropuiliani  
(c) Suakpuilal (d) Kairuma
61. Who was the author of the 'Lakhers'?  
(a) N.E Parry (b) J.Shakespear  
(c) T.H. Lewin (d) A.G. Mc Call
62. Rev. William Williams arrived Mizoram on:  
(a) 15<sup>th</sup> March 1891 (b) 11<sup>th</sup> January 1894  
(c) 20<sup>th</sup> March 1891 (d) 20<sup>th</sup> January 1894
63. The first medical missionary in Mizoram was  
(a) Dr. John Williams (b) Miss Winfred Margareth Jones  
(c) Dr. Peter Fraser (d) Dr. Gyneth Parul Roberts
64. How many Mizos participated in the First World War?  
(a) 2100 (b) 1200  
(c) 2500 (d) 3100
65. Name the village official created by the British after they occupied Mizoram.  
(a) Thirdeng (b) Tlangau  
(c) Khawchhiar (d) Upa
66. The First Wave of Revival in Mizoram occurred in the year  
(a) 1903 (b) 1906  
(c) 1909 (d) 1913
67. Which was considered the "greatest and most powerful" revival in Mizoram?  
(a) The First Wave (b) The Second Wave  
(c) The Third Wave (d) The Fourth Wave

68. The first organization formed by the Mizos was  
(a) Lushai Students' Association (b) Young Mizo Association  
(c) Lungleh Association (d) Mizo Hmeichhe Tangrual Pawl
69. The first editor of Kristian Tlangau was  
(a) Zosapthar (b) R. Dala  
(c) Liangkhaia (d) Thangphunga
70. When did the first documented Mautam famine occur in Mizoram?  
(a) 1861-1862 (b) 1868-1869  
(c) 1871-1872 (d) 1889-1890
71. Mizo Union, the first political party in Mizoram was formed in  
(a) 1942 (b) 1945  
(c) 1946 (d) 1947
72. Which of the following Mizo political leader/leaders was/were associated with the UMFO or *Zalen Pawl* Party?  
1) Pachhunga 2) Lalhema  
3) Lalmawia 4) Rev. Zairema  
(a) 1 only (b) 1 and 2  
(c) 3 only (d) 3 and 4
73. The Mizo District Council was inaugurated on:  
(a) 25<sup>th</sup> February 1952 (b) 25<sup>th</sup> July, 1952  
(c) 25<sup>th</sup> July 1962 (d) 6<sup>th</sup> May 1962.
74. Which of the following Mizo political party had an objective of joining Burma  
(a) Mizo Union (b) UMFO  
(c) EITU (d) None of the Above
75. Which of the following statements is / are correct about the MNF party?  
1. The party chose 'Self-determination' as its aim.  
2. The party declared independence for Mizoram against Indian Union on 5<sup>th</sup> March 1966.  
3. It was declared an unlawful association under the Defense of India Rule on 6<sup>th</sup> March 1966.  
(a) 1 only (b) 1 and 2  
(c) 1 and 3 (d) All of the above

**Directions (Questions 76 & 77): Find the odd man out in the following series**

76. 1, 4, 9, 16, 20, 36, 49  
(a) 49 (b) 20  
(c) 1 (d) 9
77. 16, 25, 36, 72, 144, 196, 225  
(a) 196 (b) 25  
(c) 225 (d) 72

**Directions (Questions 78 & 79): Find the one which does not belong to the group**

78. 35, 48, 75, 84, 57

- (a) 35 (b) 84  
(c) 57 (d) 75

79. 30, 27, 81, 54, 72, 45

- (a) 81 (b) 45  
(c) 30 (d) 54

**Directions (Questions 80 & 81): Find the missing number in the following series**

80. 10, 5, 13, 10, 16, 20, 19, (...)

- (a) 40 (b) 21  
(c) 22 (d) 10

81. 8, 7, 11, 12, 14, 17, 17, 22, (...)

- (a) 24 (b) 27  
(c) 20 (d) 22

**Directions (Questions 82 & 83): In each series, look for the degree and direction of change between the numbers. In other words, do the numbers increase or decrease, and by how much?**

82. Look at this series: 58, 52, 46, 40, 34, .... what number should come next?

- (a) 28 (b) 32  
(c) 30 (d) 26

83. Look at this series: 12, 20, 100, ?, 8900, 88900, 8, 88, 900, What number should come in between?

- (a) 1000 (b) 900  
(c) 800 (d) 400

84. Find the missing letters in the following series.

SCD,TEF,UGH,\_\_\_\_\_,WKL

- (a) CMN (b) UJI  
(c) VIJ (d) IJT

85. In a certain code, 'COMPUTER' is written as 'RFUVQNPC'. How is 'PRINTER' written in the same code?

- (a) R F U O J S P (b) P F U O J S R  
(c) P S J O U F P (d) R S J O U F P

86. Choose the word that is least like the other words in a group

Moon, Sun, Universe, Planets

- (a) Moon (b) Sun  
(c) Universe (d) Planets

87. 'Easiness' is related to 'Difficulty' in the same way as 'Comfort' is related to

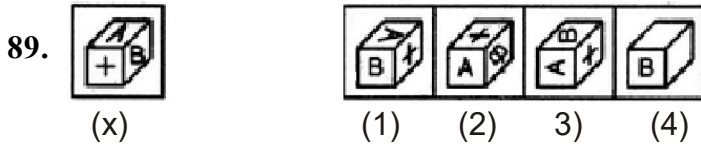
- (a) Hardship (b) Rest  
(c) Poverty (d) Difficulty



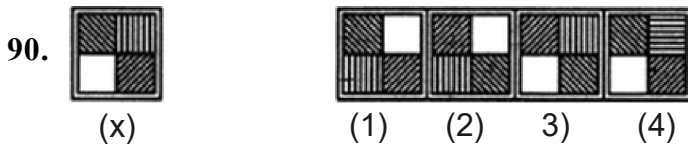
88. Pointing to a picture of a boy, Somesh said, 'He is the son of the only son of my mother'. How is Somesh related to that boy?

- (a) Brother (b) Uncle  
(c) Cousin (d) Father

**Directions (Questions 89 - 90): Find out how will the key figure (X) look like after rotation.**

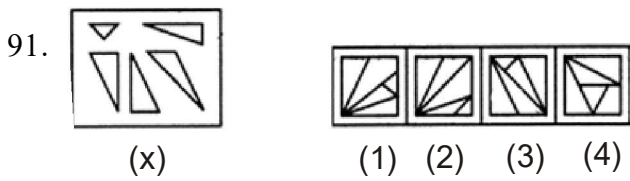


- (a) 1 (b) 2  
(c) 3 (d) 4

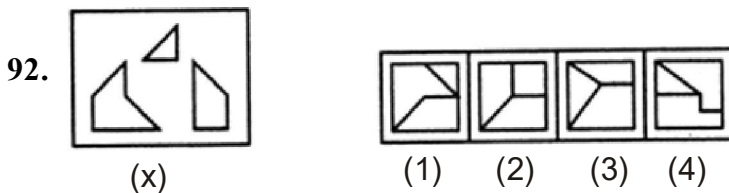


- (a) 1 (b) 2  
(c) 3 (d) 4

**Directions (Questions 91 - 92): Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X)**



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



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

93. Look carefully at the sequence of symbols to find the pattern, find the correct pattern.

BBBB | BBBB | BBBB | BB ?

- 
- |     |     |     |     |
|-----|-----|-----|-----|
| BB  | BB  | BB  | BB  |
| (1) | (2) | (3) | (4) |

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

**Directions (Questions 94 & 95): Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of proverb/idiom.**

94. To drive home

- |                        |                               |
|------------------------|-------------------------------|
| (a) To find one's root | (b) Back to original position |
| (c) To emphasise       | (d) None of these             |

95. To cry wolf

- |                         |                            |
|-------------------------|----------------------------|
| (a) To listen eagerly   | (b) To keep off starvation |
| (c) To give false alarm | (d) None of these          |

**Directions (Questions 96 & 97): In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence**

96. Extreme old age when a man behaves like a fool

- |              |                    |
|--------------|--------------------|
| (a) Dotage   | (b) Superannuation |
| (c) Senility | (d) Imbecility     |

97. The study of ancient societies

- |                  |                 |
|------------------|-----------------|
| (a) Anthropology | (b) History     |
| (c) Ethnology    | (d) Archaeology |

**Directions (Questions 98 & 99): Pick out the most effective word(s) from the given words to fill in the blank to make the sentence meaningfully complete.**

98. Catching the earlier train will give us the ..... to do some shopping

- |              |                 |
|--------------|-----------------|
| (a) Luck     | (b) Possibility |
| (c) Occasion | (d) Chance      |

99. I saw a..... of cows in the field

- |           |           |
|-----------|-----------|
| (a) Herd  | (b) Group |
| (c) Flock | (d) Swarm |

**Directions (Question 100): In the following question, choose the word which is the exact opposite of the given word**

100. COMMISSIONED

- |                |              |
|----------------|--------------|
| (a) Started    | (b) Closed   |
| (c) Terminated | (d) Finished |