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) Varāhamihira   (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-Roorkela  (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
    (b) 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  (b) Illias Ali

18. The National Action Plan on Climate change was formally launched on
    (a) June 30th, 2008  (b) June 30th, 2018
    (c) June 30th, 2000  (d) June 30th, 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 Excellency 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) Central 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) Bawlpui

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 Lakthers (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 Chhawnghnawt?
   (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. Bengkхаuaia and his party raided the tea garden of Alexandrapore on
   (a) 23rd January 1870  (b) 23rd January 1871
   (c) 23rd February 1870 (d) 23rd 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) Bengkхаuaia  (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 Bourchier

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) 15th March 1891  (b) 11th January 1894
   (c) 20th March 1891  (d) 20th 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\textsuperscript{th} February 1952  
   (b) 25\textsuperscript{th} July, 1952  
   (c) 25\textsuperscript{th} July 1962  
   (d) 6\textsuperscript{th} 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\textsuperscript{th} March 1966.  
   3. It was declared an unlawful association under the Defense of India Rule on 6\textsuperscript{th} 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.

89.

(x)  

(1) (2) (3) (4)

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

90.

(x)  

(1) (2) (3) (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)

91.

(x)  

(1) (2) (3) (4)

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

92.

(x)  

(1) (2) (3) (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.

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(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

* * * * * * *