

MIZORAM PUBLIC SERVICE COMMISSION

TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF EMPLOYMENT OFFICER UNDER LABOUR, EMPLOYMENT AND INDUSTRIAL TRAINING DEPARTMENT, GOVERNMENT OF MIZORAM. APRIL, 2019

GENERAL STUDIES PAPER - III

Time Allowed : 2 hours

Full Marks : 200

All questions carry equal marks of 2 each.

Attempt all questions.

1. What is the name of India's first supercomputer?
(a) SAGA (b) PARAM 8000
(c) EKA (d) PARAMYUVA
2. Which one is the first IIT established in India?
(a) IIT Kharagpur (b) IIT Mumbai
(c) IIT Chennai (d) IIT Kanpur
3. Who is known as the Father of Indian Space program?
(a) C.V. Raman (b) Vikram Sarabhai
(c) APJ Abdul Kalam (d) Satish Dhawan
4. India's first satellite Aryabhata was launched from ____
(a) Soviet Union (b) America
(c) India (d) Israel
5. Internet in India was started by VSNL in the year ____
(a) 15th August, 1992 (b) 15th August, 2000
(c) 15th August, 1995 (d) 26th August, 1997
6. A radar that detects the presence of an enemy aircraft uses ____
(a) Sound waves (b) Radio waves
(c) Electric waves (d) Ultrasonic waves
7. The first mobile phone conversation take place in India between ____
(a) Jyoti Basu and Sukhram (b) Narasimha Rao and Sukhram
(c) Ambika Soni and Narasimha Rao (d) None of these
8. Who is the creator of World's second and India's first test tube baby Durga?
(a) Devi Prasad Shetty (b) Subhash Mukhopadhyay
(c) Pratap Reddy (d) Naresh Trehan
9. Where is the National Institute of Ocean Technology located?
(a) Mumbai (b) Vishakhapatnam
(c) Cochin (d) Chennai

10. On which river is Bhakra Dam built?
 - (a) Krishna River
 - (b) Bhagirathi River
 - (c) Sutlej River
 - (d) Brahmaputra River
11. Who is the founder of Indian Institute of Science, Bangalore?
 - (a) Sir A.G. Bourne
 - (b) C.V. Raman
 - (c) Vikram Sarabhai
 - (d) Jamsetji Tata
12. Which day is celebrated as National Mathematics Day in India as a respect to S. Ramanujan?
 - (a) 17 January
 - (b) 22 December
 - (c) 13 March
 - (d) 30 August
13. Indian-American scientist Har Gobind Khorana won the Nobel Prize for his contribution in
 - (a) Physics
 - (b) Chemistry
 - (c) Genetics
 - (d) Mathematics
14. Who is the Chairman of the Council of Scientific and Industrial Research?
 - (a) President of India
 - (b) Vice-President of India
 - (c) Prime Minister of India
 - (d) Union Minister of Science and Technology
15. Which one is India's first satellite exclusively used for educational purpose?
 - (a) SARAL
 - (b) RISAT-1
 - (c) HAMSAT
 - (d) EDUSAT
16. Where is Indian Space Research Organization (ISRO) headquarter located?
 - (a) Delhi
 - (b) Chennai
 - (c) Mumbai
 - (d) Bangalore
17. When was the first nuclear test conducted in India under the code-name of Smiling Buddha?
 - (a) 1973
 - (b) 1974
 - (c) 1988
 - (d) 1996
18. Who is known as the Father of Indian Nuclear Programme?
 - (a) APJ Abdul Kalam
 - (b) Raja Ramanna
 - (c) Homi J Bhabha
 - (d) Vikram Sarabhai
19. The basic function of technology 'Blue Tooth' is to allow ____
 - (a) landline phone to mobile phone communication
 - (b) signal transmission on mobile phones only
 - (c) satellite television communication
 - (d) wireless communication between equipment
20. Humidity can be measured by ____
 - (a) Hydrometer
 - (b) Hygrometer
 - (c) Pyrometer
 - (d) Lactometer
21. The Defence Research and Development Organization of India has developed a missile which can be launched from a submarine. What is it named?
 - (a) BrahMos
 - (b) Astra
 - (c) Prithvi-4
 - (d) K-15

22. Where was India's first computer installed?
(a) Indian Institute of Technology, Delhi (b) Indian Statistical Institute, Calcutta
(c) Indian Institute of Science, Bangalore (d) Indian Iron and Steel Co. Ltd., Burnpur
23. The name of the white revolution is associated with ____
(a) Kurien Varghese (b) C. Rangarajan
(c) M.S. Swaminathan (d) J.V. Narlikar
24. Venkataraman Ramakrishnan was jointly awarded Nobel Prize in Chemistry in the year 2009 for the ____
(a) Theory of electron transfer
(b) Studies of the structure and function of the ribosome
(c) Palladium catalysed cross couplings in organic synthesis
(d) Work in the area of olefin metathesis
25. India's permanent Research Station 'Dakshin Gangotri' is located at ____
(a) Indian Ocean (b) Himalayas
(c) Antarctica (d) Arabian Sea
26. Television broadcast for rural development programmes in India started in ____
(a) 1947 (b) 1957
(c) 1967 (d) 1977
27. Non-conventional source of energy best suited for India is ____
(a) Solar energy (b) Wind energy
(c) Tidal wave energy (d) Nuclear energy
28. The acronym STD written on Telephone booth stands for ____
(a) Straight Telephone Dial (b) Switch Telephone Dial
(c) Subscriber Telephone Dialing (d) Save Telephone Dialing
29. Which of the following is not a missile tested in Indian Missile Programme?
(a) Agni (b) Trishul
(c) Prithvi (d) Arjun
30. Which one is the first living creature sent to earth orbit?
(a) Albert, a monkey (b) Laika, a dog
(c) Ham, a chimpanzee (d) Felix, a cat
31. India's first remote sensing satellite (IRS 1A) was launched from ____
(a) Baikonour (b) Cape Kennedy
(c) French Guiana (d) Sri Harikota
32. What was the name of the first space shuttle on which Kalpana Chawla flew to space in 1997?
(a) Atlantis (b) Endeavour
(c) Columbia (d) Discovery
33. Which of the following instruments can be used for measuring the speed of an aeroplane ?
(a) Venturimeter (b) Orifice plate
(c) Rotameter (d) Pilot tube
34. Who is known as the inventor of Hydrogen bomb?
(a) Enrico Fermi (b) George Gamow
(c) Edward Teller (d) Hans Bethe

35. Which gas is also known as laughing gas?
(a) Nitrogen (b) Nitrous Oxide
(c) Chlorine (d) Methane
36. Which blood group is known as 'Universal recipients' group?
(a) AB group (b) A group
(c) B group (d) O group
37. Pedology is the science related to the study of ____
(a) atmosphere (b) soil
(c) pollutants (d) seeds
38. Cooking gas is a mixture of ____
(a) Carbon monoxide and carbon dioxide (b) Methane and ethylene
(c) Butane and propane (d) Carbon dioxide and oxygen
39. A Mizo ceremony in order to yield productive jhumming cultivation is called
(a) Fano dawī (b) Kawngpui siam
(c) Khaw kheng thawi (d) Vawkte khal
40. A person who defeated in a battle or who individually surrendered himself to his enemy is called
(a) Chemsen bawī (b) Inpui chhung bawī
(c) Tukluh bawī (d) Lal sutpui vuan
41.is a large female demon having big breasts that was seen walking along the river downwards in the lonely jungle.
(a) Phung (b) Chawm
(c) Khawmu (d) Tulum
42. The Mizo ancestors were moved westward to the Kabaw Valley which is called as
(a) Khampat (b) Chindwin
(c) Chin Hills (d) Kawlphai
43. The period of 'Selesih sangsarih' to be around
(a) 1740 - 1750 AD (b) 1840 - 1850 AD
(c) 1850 - 1860 AD (d) 1730 - 1750 AD
44. is a chief's kin, who can choose land for jhumming purpose after Ramhual had done.
(a) Tlangau (b) Khawnbawl Upa
(c) Zalen (d) Thirideng
45. The first recorded raid on the British territory by the Lushais occurred in
(a) September, 1826 (b) November, 1827
(c) April, 1844 (d) January, 1871
46. A Mizo chief who claimed to have imprinted his image in the coin was
(a) Suakpuilala (b) Lallula
(c) Rothangpuia (d) Lalburha
47. During the Chin Lushai Expedition, the Chittagong Column advanced base called 'Fort Tregear' is located at
(a) Darzo (b) Lunglei
(c) Haka (d) Demagiri

48. The Lushai Scout Corps recruited in 1944 was also known as
(a) Biata Sipai (b) Regular Army
(c) Burma Army (d) Lushai Army
49. The first Mizo converts to receive baptism Khuma and Khara, who were baptised on
(a) 25 September 1899 (b) 25 August 1899
(c) 25 June 1899 (d) 25 July 1899
50. How many 'Lushai Labour Corps' (also known as 27 Labour Corps) went to France in 1917
(a) 2000 (b) 2100
(c) 2029 (d) 2900
51. The fighting force of the MNF was known as
(a) Mizo National Volunteer (MNV) (b) Mizo Army Volunteer (MAV)
(c) Mizo National Brigade (MNB) (d) Mizo National Army (MNA)
52. A big log horizontally fastened at the main entry in the early Mizo Zawlbuk is called
(a) Bawhbel (b) Dawvan
(c) Awkpaka (d) Awlrawt
53. A famous Mizo chief Kairuma's memorial stone was erected at
(a) Falkawn (b) Tualte
(c) Biata (d) Tachhip
54. The first phase of 'Grouping of Villages' (Khawkhawm) during Mizoram insurgency period is called
(a) New Grouping Centre (b) Protected and Progressive Villages
(c) Extended Loop Area (d) Voluntary Grouping Centre
55. Who was the first Mizoram Governor after Statehood
(a) Gen. KV Krishna Rao (b) P.R. Kyndiah
(c) Anandam Padmanaban (d) Hiteshwar Saikia
56. Who was the present Minister for Labour, Employment, Skill Development & Entrepreneurship Department
(a) K. Lalrinliana (b) Dr. K. Beichhua
(c) Lalchandama Ralte (d) Lalruatkima
57. In which Lok Sabha term did an independent candidate, Dr. H.Lallungmuana become the member of Parliament?
(a) 13th Lok Sabha (b) 12th Lok Sabha
(c) 15th Lok Sabha (d) 16th Lok Sabha
58. Which one is not a Mizo musical instrument
(a) Bengbung (b) Rawchhem
(c) Lemlawi (d) Fenthilir
59. 'The Hill Tracks of Chittagong and the Dwellers Therein : With Comparative Vocabulary of the Hill Dialects' published in 1869 was written by
(a) Lt. Col. T.H.Lewin (b) G.A.Gierson
(c) C.A. Soppit (d) Capt. J.Shakespeare

60. According to Mizo customs, a person dies without any ailment is called
(a) Hlamzuih (b) Raicheh
(c) Za chham lak (d) Sarthi
61. Pick out the odd one of the following couples in Mizo folktales
(a) Chawngvungi and Sawngkhara (b) Duhmanga and Tlingi
(c) Raldawna and Tumchhingi (d) Chhawrtuineihlala and Tuanpuii
62. The Mizo poetical word (simile) 'Lawi ang thang' literally means
(a) Tlang hriat (b) Hmingchhia
(c) Thang lian (d) Puang zar
63. A place where hundreds of mehrs have stood in Mizoram and Archeological Survey of India declared site of 'National Importance' is
(a) Hla kungpui mual - Khawbung (b) Kawtchhuah ropui - Vangchhia
(c) Chhura farep - Zotlang, Champhai (d) Lungvando - Biate
64. The connectivity between Aizawl to Lunglei World Bank funded road completed a cost of Rs. 538.401 crores was inaugurated by Mizoram Chief Minister, Lal Thanhawla on
(a) 11 May, 2010 (b) 11 May, 2012
(c) 11 May, 2011 (d) 11 May, 2009
65. Who is the Author of the book 'God's Miracles in Mizoram'?
(a) Rev. Chuauthuama (b) Rev. Z. T. Sangkhuma
(c) Rev. Dr. Zairema (d) Rev. Liangkhaia
66. According to the Mizoram Economic Survey 2016-2017, State Per Capita income of Mizoram in 2015-2016 is
(a) Rs. 95317 (b) Rs. 85659
(c) Rs. 93293 (d) Rs. 85317
67. The first Mizo newspaper published in 1898 was
(a) Mizo Chanchin Laisuih (b) Mizo leh Vai Chanchin Lehkhabu
(c) Krista Tlangau (d) Kohhran Beng
68. The actual height of the highest mountain peak of Mizoram 'Phawngpui' (Blue Mountain) is
(a) 2141 metres (b) 2256 metres
(c) 2157 metres (d) 2156 metres
69. The present Vice Chancellor of Mizoram University is
(a) Prof. A.N Rai (b) Prof. R.P. Tiwari
(c) Prof. A.K. Sharma (d) Prof. K.R.S. Sambasiva Rao
70. Which among the following Mizo Kut is associated with 'Chai Dance'
(a) Pawl Kut (b) Chapchar Kut
(c) Mim Kut (d) Thal Favang Kut
71. The famous 'Thli chhe tleh kum', which became an important remarkable date among the Mizo traditional counting of years was happened in
(a) 1886 (b) 1877
(c) 1876 (d) 1896

72. The three Mizo folktales published by T.H. Lewin in his book 'Colloquial Exercise in the Lushai Dialect' were?
- (a) Chemtatrawta, Chhura & Kungawrhi (b) Kungawrhi, Lalruanga & Chhura
(c) Lalruanga, Kungawrhi & Chemtatrawta (d) Chemtatrawta, Lalruanga & Chhura
73. Who among the Wales Missionary was given court case for his persistent effort toward emancipation of slaves
- (a) D.E.Jones (b) Edwin Rowlands
(c) Dr. Peter Frazer (d) Edith Chapman
74. In the Mizo marriage ceremony, a man appointed to protect a bride on her way to her husband's house was
- (a) Sadawt (b) Puar-ak
(c) Palai (d) Lawichal
75. The Mizo believed that when a person dies, his/her spirit exits through the
- (a) Mouth (b) Tip of the head
(c) Nose (d) Ears
76. Look at this series: 36, 31, 29, 24, 22, ... What number should come next?
- (a) 15 (b) 16
(c) 17 (d) 18
77. Look at this series: 2.3, 3.1, 3.9, 4.7, ... What number should come next?
- (a) 5.3 (b) 5.5
(c) 5.7 (d) 5.9
78. Look at this series: 8, 6, 9, 23, 87, ... What number should come next?
- (a) 128 (b) 226
(c) 324 (d) 429
79. Look at this series: 664, 332, 340, 170, 178, ... What number should come next?
- (a) 89 (b) 97
(c) 109 (d) 178
80. Which one will replace the question mark?

3	7	2	=	6
5	4	7	=	8
6	9	5	=	?

- (a) 9 (b) 10
(c) 11 (d) 12

81. Which one will replace the question mark?

2	2	1	=	3
5	4	5	=	15
5	5	3	=	?

- (a) 9 (b) 19
(c) 15 (d) 22

82. Which one will replace the question mark?

	1	
3	51	5
	4	

	3	
2	65	4
	6	

	1	
0	?	2
	8	

- (a) 68 (b) 69
(c) 70 (d) 71

83. Which one will replace the question mark?

	1	
2	10	4
	3	

	8	
1	17	5
	3	

	9	
1	?	6
	4	

- (a) 20 (b) 21
(c) 22 (d) 23

Instruction (Questions 84-86): Identify the relationship between the word pair in the question. Choose the word pair showing the most similar relationship.

84. levee : flood

- (a) dam : lake (b) armour : helmet
(c) helmet : injury (d) water : tide

85. extort : obtain

- (a) purify : strain (b) steal : borrow
(c) explode : ignite (d) pilfer : steal

86. heel : foot

- (a) stern : boat (b) hand : palm
(c) beam : ship (d) cruiser : vessel

87. Which word does not have a similar meaning to - *condemn*

- (a) criticize (b) disparage
(c) censure (d) critique

88. Which word means - *to accumulate; to gather*

- (a) abjure
- (b) assess
- (c) amass
- (d) deliberate

89. Which word means - *continuous; eternal; never ceasing*

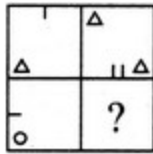
- (a) indistinct
- (b) perpetual
- (c) vigilant
- (d) imperturbable

90. Choose the word most similar in meaning to - expedite

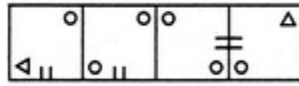
- (a) Beckon
- (b) exterminate
- (c) facilitate
- (d) disrespect

91. Select a suitable figure from the four alternatives (Answer Figures) that would complete the figure matrix (Problem Figure).

Problem Figure



Answer Figure

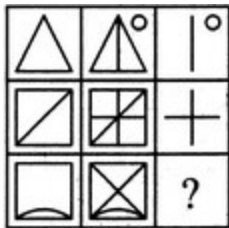


- (1)
- (2)
- (3)
- (4)

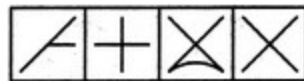
- (a) 1
- (b) 2
- (c) 3
- (d) 4

92. Select a suitable figure from the four alternatives (Answer Figures) that would complete the figure matrix (Problem Figure).

Problem Figure



Answer Figure

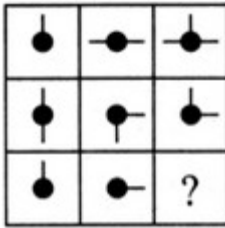


- (1)
- (2)
- (3)
- (4)

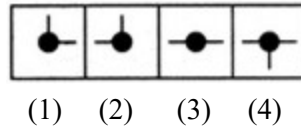
- (a) 1
- (b) 2
- (c) 3
- (d) 4

93. Select a suitable figure from the four alternatives (Answer Figures) that would complete the figure matrix (Problem Figure).

Problem Figure



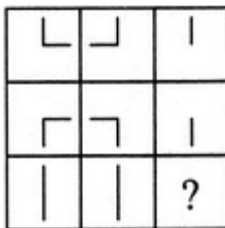
Answer Figure



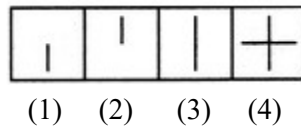
- (a) 1 (b) 2
(c) 3 (d) 4

94. Select a suitable figure from the four alternatives (Answer Figures) that would complete the figure matrix (Problem Figure).

Problem Figure



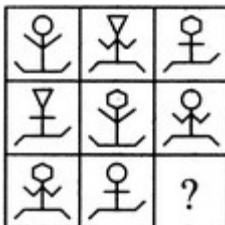
Answer Figure



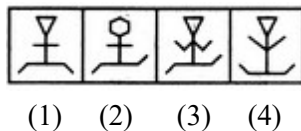
- (a) 1 (b) 2
(c) 3 (d) 4

95. Select a suitable figure from the four alternatives (Answer Figures) that would complete the figure matrix (Problem Figure).

Problem Figure



Answer Figure



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

96. If $A + B$ means A is the mother of B; $A - B$ means A is the brother of B; $A \% B$ means A is the father of B and $A \times B$ means A is the sister of B, which of the following shows that P is the maternal uncle of Q?

- (a) $Q - N + M \times P$ (b) $P + S \times N - Q$
(c) $P - M + N \times Q$ (d) $Q - S \% P$

97. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?

- (a) Brother (b) Nephew
(c) Uncle (d) Son-in-law

98. A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting?

- (a) Between B and D (b) Between B and C
(c) Between E and D (d) Between C and E

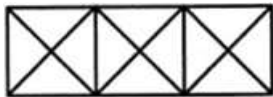
99. P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre:

1. P is second to the right of T who is the neighbour of R and V.
2. S is not the neighbour of P.
3. V is the neighbour of U.
4. Q is not between S and W. W is not between U and S.

Which two of the following are not neighbours?

- (a) RV (b) UV
(c) RP (d) QW

100. Count the number of triangles and squares in the given figure.



- (a) 28 triangles, 3 squares (b) 24 triangles, 5 squares
(c) 28 triangles, 5 squares (d) 24 triangles, 3 squares