

MIZORAM PUBLIC SERVICE COMMISSION

TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF CLINICAL RESEARCH OFFICER UNDER HEALTH & FAMILY WELFARE DEPARTMENT GOVERNMENT OF MIZORAM, AUGUST, 2022

PAPER - I

Time Allowed : 3 hours

Full Marks : 200

*All questions carry equal mark of 2 each.
Attempt all questions.*

- Russia and United State have been working together at the International Space Station since:
(a) 1997 (b) 1998
(c) 1999 (d) 2000
- India's first indigenous aircraft carrier is known as:
(a) INS Vikram (b) INS Vikramaditya
(c) INS Viraat (d) INS Vikrant
- Which among the following is not the new Ramsar wetland sites-2022 in India?
(a) Vedanthangal Bird Sanctuary, Odisha (b) Pala wetland in Mizoram
(c) Karikili Bird sanctuary, Tamil Nadu (d) Sakhya Sagar, Madhya Pradesh
- African Swine Fever is a _____ stranded DNA virus:
(a) Single (b) Double
(c) Triple (d) Four
- Nancy Pelosi landed in Taiwan on August 2, 2022 which makes her the highest-ranked elected US official to visit the island in:
(a) 20 years (b) 22 years
(c) 23 years (d) 25 years
- Who is elected as the interim president of Sri Lanka in 2022?
(a) Gotabaya Rajapakse (b) Dinesh Gunawardena
(c) Ranil Wickremesinghe (d) Anura Dissanayake
- Rastriya Khanji Puraskar is a national award to promote:
(a) Mining (b) Information technology
(c) Horticulture (d) Agriculture
- The newly elected President of India Mrs. Draupadi Murmu belongs to the:
(a) Munda tribe (b) Santhali tribe
(c) Oraon tribe (d) Bhumji tribe
- The age eligibility of the soldiers recruited under the Agnipath Scheme is:
(a) 16-23 yrs (b) 17.5-23 yrs
(c) 18-23 yrs (d) 19-23 yrs
- The first Hindi novel to win the Booker Prize, 'Tomb of Sand' in Hindi 'Ret Samadhi' is authored by:
(a) Geetanjali Shree (b) Jhumpa Lahiri
(c) Salman Rushdie (d) Arundhati Roy
- The current India's Permanent Representative to the United Nations is:
(a) Ruchira Kamboj (b) Syed Akbaruddin
(c) T.S. Tirumurti (d) Asoke Kumar Mukerji

12. The Vice-President of India is elected by the members of the electoral college consisting of the members of:
- (a) Both houses of Parliament and State Legislative Assemblies
 - (b) Rajya Sabha
 - (c) Lok Sabha
 - (d) Both houses of Parliament
13. The Inter-State Council reconstituted by the Government of India on May 23, 2022 will promote:
- (a) Secularism
 - (b) Co-operative federalism
 - (c) Socialism
 - (d) Capitalism
14. According to Stockholm International Peace Research Institute(SIPRI), India is the _____ largest military spender in the world in 2021:
- (a) 2nd
 - (b) 3rd
 - (c) 4th
 - (d) 5th
15. The shape of the Great Bath in Mohenjodaro was –
- (a) Oval
 - (b) Square
 - (c) Rectangular
 - (d) Triangle
16. Who was the grandson of Chandragupta Maurya?
- (a) Kautilya
 - (b) Bimbisara
 - (c) Bindusara
 - (d) Ashoka
17. Duties of the *chandalas* were laid down by –
- (a) Rig Veda
 - (b) Manusmriti
 - (c) Sangam
 - (d) Atharva Veda
18. *Mahayana* literally means –
- (a) The great vehicle
 - (b) The beast
 - (c) The authentic one
 - (d) The way
19. Who founded the Asiatic Society of Bengal in 1784?
- (a) Sir William Jones
 - (b) Sir Warren Harding
 - (c) Sir Mac Arthur
 - (d) Lady Macbeth
20. Who deciphered Ashokan Brahmi in 1838?
- (a) Alexander Cunningham
 - (b) James Prinsep
 - (c) John Marshall
 - (d) Hiranand Sastri
21. Who said these words? ‘*What Bengal thinks today, India thinks tomorrow*’
- (a) Gopal Krishna Gokhale
 - (b) Surendranath banerji
 - (c) Lala Lajpat Rai
 - (d) Rabindranath Tagore
22. It was Gandhi’s successful organization of non-violent protest against the racist policies of _____ white government towards the large expatriate Indian community that brought him into political prominence.
- (a) Britain’s
 - (b) America’s
 - (c) Australia’s
 - (d) South Africa’s
23. During 1917–18 Gandhi tried out his political strategy of non-violent non-cooperation in three local agitations in –
- (a) Champaran, Ahmedabad and Kheda
 - (b) Champaran, Ahmedabad and Madras
 - (c) Bombay, Delhi and Allahabad
 - (d) Delhi, Allahabad and Lucknow

24. What prompted Gandhiji to call off the Non-Cooperation Movement in 1922?
(a) Inefficiency of the participants in the movement (b) The Chauri Chaura violent incident
(c) Lack of support from other Congress leaders (d) No popular support
25. The book that tried to justify British colonial rule *History of British India* was written by –
(a) Nathaniel Halhead (b) James Buchanan
(c) James Mill (d) Mortimer Wheeler
26. The Naga spiritual and political leader openly rebelled against the British rule.
(a) Chunangat Kunjikavamma (b) Rani Gaidinliu
(c) Vimla Dang (d) Perin Captain
27. Bhagat Singh and B.K. Dutt threw a bomb in the Central Legislative Assembly on 8th April, 1929 as a protest to which of the following Bill/Act?
(a) Rowlatt Act (b) Public Safety Bill
(c) Wood's Bill (d) Temple Entry Bill
28. The lowest elevation in Mizoram from mean sea level is:
(a) Zawlnuam (b) Bairabi
(c) Tlabung (d) Vairengte
29. Arrange the location of the following steel plants from East to West?
(a) Jamshedpur, Rourkela, Durgapur, Bhilai (b) Bhilai, Rourkela, Durgapur, Jamshedpur
(c) Durgapur, Jamshedpur, Rourkela, Bhilai (d) Durgapur, Rourkela, Bhilai, Jamshedpur
30. The National Highway-1D connects Leh to Kashmir Valley through the _____ pass.
(a) Khyber (b) Zoji La
(c) Nathu La (d) Karakoram
31. Which state in India has the highest population growth rate in 2011 Census?
(a) Bihar (b) Sikkim
(c) Meghalaya (d) Jharkhand
32. Which one of the following is the earliest regional planning exercise in India?
(a) National Capital Region Plan (b) Dandakaranya Area Plan
(c) Damodar Valley Project (d) Bhakra-Nangal Project
33. Which of the following is the characteristic climate of the Tropical Savannah Region?
(a) Rainfall throughout the year (b) Rainfall in winter only
(c) An extremely short dry season (d) A definite dry and wet summer
34. The Suez Canal connects –
(a) the Mediterranean Sea and the Red Sea (b) the Mediterranean Sea and the Gulf of Aqaba
(c) the Gulf of Aden and the Gulf of Aqaba (d) the Persian Gulf and the Gulf of Oman
35. Which one of the following rivers of Mizoram enters Akyab, a famous port of Sittwe in the Bay of Bengal?
(a) Khawthlangtuipui (b) Tuichawng
(c) Tuiruang (d) Chhimtuipui
36. Which among the following rivers does not drain the Great Plain of India?
(a) River Ganga (b) River Brahmaputra
(c) River Godavari (d) River Indus
37. Which of the following multi-purpose project was based on the Tennessee Valley Authority of the USA?
(a) Hirakud Dam Project (b) Narmada Valley Project
(c) Damodar Valley Project (d) Tungbhadra Multipurpose Project

38. The largest Scheduled Tribe of India as per 2011 census is –
(a) The Gonds (b) The Bhils
(c) The Santhals (d) The Minas
39. Most of the tribals of the Central and southern regions of India belong to the racial stock of –
(a) Negrito (b) Mongoloid
(c) Proto-Australoid (d) Austroloid
40. President's Rule can be imposed initially for a minimum duration of –
(a) Six Months (b) One Year
(c) Two Years (d) Three Years
41. The six Freedoms of the Indian citizens have been enshrined in:
(a) Articles 14 to 18 (b) Articles 14 to 35
(c) Article 19 (d) Articles 21 to 26
42. What is the basic idea behind the power sharing of Indian federalism?
(a) Centralisation of power (b) Division of subjects
(c) Decentralisation of power (d) Distribution of power
43. The Constitution of India mandates that the election of the Panchayati Raj should be held regularly after the gap of –
(a) 3 years (b) 4 years
(c) 5 years (d) 2 years
44. A study team on Community Development and National Extension Service was appointed to review the working of the Community Development Programme. It was headed by –
(a) L.M.Singhvi (b) Ashok Mehta
(c) G.V.K. Rao (d) Balwant Rai Mehta
45. Political right does not include which of the following?
(a) Right to life
(b) Right to vote
(c) Right to contest in the election
(d) Right to lodge a complaint with executive bodies of the government
46. The first Chief Minister of Mizoram was –
(a) Brig. T.Sailo (b) Laldenga
(c) Lal Thanhawla (d) Ch.Chhunga
47. In Indian Constitution, the idea of "A Union of States in the Indian Constitution" has been derived from
(a) Constitution of Belgium (b) The British North-American Act
(c) Constitution of Colombia (d) Constitution of Bhutan
48. Eleventh Schedule of the constitution relating to the Panchayats contains:
(a) 18 items (b) 28 items
(c) 19 items (d) 29 items
49. Who is the present Finance Minister of India?
(a) Nirmala Sitharaman (b) Rajnath Singh
(c) Nitin Gadkari (d) Arun Jaitley
50. Who among the following is the ex-officio Chairman of the NITI Aayog in India?
(a) President (b) Prime Minister
(c) Vice President (d) Finance Minister

51. Rajiv Awas Yojana (RAY) which envisages a “Slum Free India” falls under which Ministry?
(a) Ministry of Urban Development (b) Ministry of Housing and Infrastructure
(c) Ministry of Housing and Urban Affairs (d) Ministry of Human Resources Development
52. Three Autonomous District Councils in Mizoram were formed in the year –
(a) 1966 (b) 1968
(c) 1971 (d) 1972
53. Which year is called the ‘year of great divide’ in India?
(a) 1881 (b) 1901
(c) 1921 (d) 1951
54. Which of the following state has negative population growth according to Census 2011?
(a) Kerala (b) Goa
(c) Manipur (d) Nagaland
55. “Zero Defect Zero Effect” slogan is related to which of the following scheme?
(a) New Innovation India (b) Make in India
(c) Startup India (d) Clean India mission
56. Jal Jeevan Mission was launched with an aim to provide tap water connection to every rural home by the year –
(a) 2023 (b) 2024
(c) 2025 (d) 2026
57. Union Budget 2021-22 was rested on six pillars. Which of the following is not among them?
(a) Health & Well Being (b) Minimum Government, Maximum Governance
(c) Innovation and R&D (d) Agricultural Development
58. The latest committee on poverty set up by the Government of India was –
(a) Lakdawala Committee (b) Rangarajan Committee
(c) Tendulkar Committee (d) Y. K. Alagh Committee
59. Which of the following statement(s) is/are correct about economic planning in India?
1. The second five year plan was based on Mahalanobis model.
2. Highest priority was given to industries in the Third Plan.
3. The Second Five Year Plan gave preference to capital goods and basic goods.
(a) Only 1 (b) 1 & 2
(c) 1 & 3 (d) 2 & 3
60. Consider the following statements –
1. Countries are expected to take ownership and establish national framework for achieving the 17 Sustainable Development Goals (SDGs).
2. The SDGs are legally binding among the signatories.
3. Its implementation and success will rely on countries’ own sustainable development policies, plans and programmes.
Which statement (s) is/are correct?
(a) 1 & 2 (b) 1 & 3
(c) 2 & 3 (d) 1, 2 & 3
61. CAPART is related with –
(a) Assisting and evaluating rural welfare programmes
(b) Computer hardware
(c) Consultant service of export promotion
(d) Controlling pollution in big industries

62. Consider the following statements about three new farm laws.
1. Farmers' Produce Trade and Commerce (Promotion and Facilitation) Act, 2020 permits intra and inter-state trade of farmers' produce beyond the physical premises of APMC markets.
 2. Essential Commodities (Amendment) Act, 2020 will set stockholding limit for private players for all agricultural commodities to prevent black-marketing.
 3. Farmers (Empowerment & Protection) Agreement on Price Assurance and Farm Services Act, 2020 will facilitate contract farming.
- Which statement (s) is/are correct
- (a) 1 & 2 (b) 1 & 3
(c) 2 & 3 (d) 1, 2 & 3
63. Which type of Goods and Service Tax (GST) is applicable on imports of goods?
- (a) SGST (b) CGST
(c) IGST (d) CGST & IGST
64. Which one among the following promoted the concept of Self Help Groups (SHGs) for financing the poor?
- (a) RBI (b) NABARD
(c) Union Ministry of Rural Development (d) Union Ministry of Labour
65. Species that invade a bare area are called –
- (a) Climax species (b) Pioneer species
(c) Seral species (d) Ecological species
66. Enrichment of water body by nutrients like phosphorus and nitrogen is called –
- (a) Eutrophication (b) Biomagnification
(c) Salination (d) Succession
67. The most important cause of loss of biodiversity is –
- (a) Introduction of invasive alien species (b) Hunting
(c) Habitat loss and fragmentation (d) Illegal trading
68. Energy flow in an ecosystem is
- (a) Unidirectional (b) Bidirectional
(c) Multidirectional (d) None of these
69. Montreal protocol aims at –
- (a) Reduction of ozone depleting substances (b) Biodiversity conservation
(c) Control of water pollution (d) Control of carbon dioxide emissions
70. The world's most problematic aquatic weed which is nicknamed 'Terror of Bengal' is –
- (a) *Nymphaea caerulea* (b) *Hydrilla verticillata*
(c) *Eichhornia crassipes* (d) *Trapa spp*
71. The environment includes –
- (a) Air and Soil (b) Air
(c) Biotic factors (d) Abiotic and Biotic factors
72. The final stable community in an ecological succession is called the –
- (a) Ultimate Community (b) Final Community
(c) Seral community (d) Climax community
73. Which among the following is a Wildlife Sanctuary in Mizoram?
- (a) Pualreng (b) Murlen
(c) Phawngpui (d) Dampui

74. The Convention on Biological Diversity (CBD) was signed at the –
(a) Rio Summit 2002 (b) Rio Summit 1992
(c) Nagoya Summit 2010 (d) Nairobi Summit 2000
75. Which of the following processes acts to remove Carbon dioxide from the atmosphere?
(a) Respiration (b) Photosynthesis
(c) Deforestation (d) Ammonification
76. Maximum amount of gas found in air is –
(a) Oxygen (b) Carbon Dioxide
(c) Nitrogen (d) Ozone
77. Hair, fingernails and hoofs are all made up of –
(a) porphyrin (b) iron
(c) phospholipid (d) keratin
78. Which plant hormone can retard the ageing of plant parts by controlling protein synthesis?
(a) abscisic acid (b) auxin
(c) cytokinin (d) gibberellin
79. The process by which milk is converted into curd is called –
(a) pasteurisation (b) fermentation
(c) retting (d) vernalisation
80. Which electromagnetic radiations are emitted by radioactive substances?
(a) micro waves (b) γ -rays
(c) X-rays (d) radio waves
81. A poisonous gas released during Bhopal disaster was –
(a) ethyl isocyanate (b) ethyl cyanate
(c) methyl isocyanate (d) ethyl isothiocyanate
82. A polymer which is coated as a thin layer on the inner side of non-sticking pans is –
(a) polyvinyl chloride (b) bakelite
(c) teflon (d) buna-S
83. An aeroplane flying in air is based on –
(a) Bernoulli's principle (b) Newton's third law
(c) Archimedes' principle (d) Pascal's law
84. Acid rain is caused by the oxides of –
(a) carbon (b) nitrogen only
(c) sulphur only (d) sulphur and nitrogen
85. Which of the following is used in X-ray diagnosis of digestive tract?
(a) barium sulphate (b) zinc sulphate
(c) calcium sulphate (d) sodium sulphate
86. Which of the followings are used for accurate measurements of very small-time interval?
(a) neutrinos (b) pulsars
(c) quartz clocks (d) atomic clocks
87. What is laughing gas?
(a) nitrous oxide (b) carbon monoxide
(c) nitric oxide (d) ozone
88. The blue colour of the clear sky is due to –
(a) diffraction of light (b) dispersion of light
(c) reflection of light (d) refraction of light

89. The first known Lusei tribe's settlement at Lentlang since 1460 A.D. is –
(a) Suaipui and Saihmun (b) Sanzawl and Bochung
(c) Seipuikhur and Khawkawk (d) Chawnghawih and Siallam
90. A heavy and bulky log of wood placed at the entrance of Zawlbuk is –
(a) Bahzar (b) Sathingzar
(c) Bawhbel (d) Thinglubul
91. The common Mizo phrase '*Sa-ui-tan*' means –
(a) making agreement/pact (b) killing a dog
(c) cruelty to animals (d) stray dogs
92. The place where Welsh missionaries Rev. J.H. Lorrain and F.W. Savidge first settled in Aizawl.
(a) Thingpui huan tlang (b) Mission Veng
(c) Kulikawn (d) Tlangnuam
93. A man who took refuge to the chief out of poverty were called –
(a) Chemsen bawi (b) Tukluh bawi
(c) Sal (d) Vanlung-ur
94. Which among the following is not included among the mizo customary marriage price?
(a) Thian man (b) Ni-ar
(c) Nu man (d) Nau puak puan
95. A victory chant raised by Mizo warrior after killing enemies –
(a) Bawh hla (b) Hlado
(c) Thinrim Zai (d) Chai hla
96. The first Mizo converts to receive baptism Khuma and Khara, were baptised on –
(a) 25 September 1899 (b) 25 August 1899
(c) 25 June 1899 (d) 25 July 1899
97. According to Mizo customs, when a person dies without any ailment it is called –
(a) Hlamzuih (b) Raicheh
(c) Za chham lak (d) Chungbawl
98. The first stage in performing the religious rites of the Mizo was –
(a) Chawng (b) Dawino chhui
(c) Sakung (d) Sedawi
99. The first printing press in Mizoram which was launched in the year 1911 was known as –
(a) Lorrain Printing press (b) Lushai Christian press
(c) Lewin Printing press (d) Lewis Printing press
100. In Mizo marriages, it was customary for the bride to bring along with her.
(a) Chemte (b) Fian
(c) Thul (d) Hmui