

# MIZORAM PUBLIC SERVICE COMMISSION

## TECHNICAL COMPETITIVE EXAMINATIONS FOR JUNIOR GRADE OF MIZORAM ENGINEERING SERVICE, P&E CADRE (ELECTRICAL WING) UNDER POWER & ELECTRICITY DEPARTMENT, GOVERNMENT OF MIZORAM, JUNE-2022

### GENERAL STUDIES

Time Allowed : 3 hours

FM : 100

*All questions carry equal mark of 1 each.  
Attempt all questions.*

- For the first time in Indian trade history, the annual goods exports have touched \$400 billion. The top item of export is :
  - Processed petroleum products
  - Gems and Jewellery
  - Engineering goods
  - Organic and inorganic chemicals
- Madhabi Puri Buch is the present chairperson of :
  - SBI
  - SEBI
  - TRAI
  - National Commission for Women
- Which of the following companies has become the first LAB manufacturing company in the world to get BIS certification?
  - TATA
  - Serum Institute of India Ltd.
  - Reliance
  - Tamil Nadu Petroproducts Ltd.
- According to the State of the Forest Report 2021, which state has the largest area under forest cover?
  - Maharashtra
  - Madhya Pradesh
  - Gujarat
  - Arunachal Pradesh
- Winner of 'Asian Bank of the Year' at IFR Asia Awards 2021 :
  - ICICI Bank
  - Yes Bank
  - Axis Bank
  - HDFC Bank
- Which of the following courses will be discontinued as per National Education Policy (NEP) 2020?
  - M. Ed
  - M. Phil
  - Diploma Courses
  - M. Com
- The 9th edition of the Joint Military Exercise 'LAMITIYE-2022' was held on March between the Indian Army and the :
  - Maldives
  - Mauritius
  - Philippines
  - Seychelles
- Which state has become the first state to introduce carbon-neutral farming methods?
  - Goa
  - Delhi
  - Kerala
  - Punjab
- For the second term, Pushkar Singh Dhami took oath as the chief minister of :
  - Manipur
  - Uttarakhand
  - Goa
  - Madhya Pradesh

10. The first Indian state to implement the National e-Vidhan Application program to become paperless is:
  - (a) Kerala
  - (b) Tripura
  - (c) Meghalaya
  - (d) Nagaland
11. Which state government has recently launched 'Women@Work (WOW) Program', in a bid to raise their workforce strength in workplaces by creating an equitable, inclusive and equal world for women?
  - (a) Kerala
  - (b) Punjab
  - (c) Karnataka
  - (d) Maharashtra
12. The Union parliament has recently passed a bill to merge three municipal corporations of which city into a single entity?
  - (a) Chandigarh
  - (b) Mumbai
  - (c) Chennai
  - (d) Delhi
13. Which company has become the first Indian company to sponsor FIFA World Cup 2022?
  - (a) TATA
  - (b) Byju's
  - (c) Reliance
  - (d) LIC
14. Which Indian city has announced a detailed plan to zero out carbon emissions by 2050?
  - (a) Chandigarh
  - (b) Mumbai
  - (c) Chennai
  - (d) Delhi
15. Shri Piyush Goyal, the Union Minister for Commerce, Industry, Food and Public Distribution, inaugurated India's first Food Museum at Thanjavur in the state of:
  - (a) Uttar Pradesh
  - (b) Maharashtra
  - (c) Punjab
  - (d) Tamil Nadu
16. Ministry of Labour & Employment, Government of India has recently changed the base year for Wage Rate Index (WRI) from 1963-65 to :
  - (a) 2011
  - (b) 2014
  - (c) 2016
  - (d) 2020
17. The famous 'Living Root Bridge' cultural landscapes which has been included on the tentative list of UNESCO's World Heritage Sites is located at :
  - (a) Tripura
  - (b) Himachal Pradesh
  - (c) Meghalaya
  - (d) Bihar
18. PETA India has named which of the following personalities as its 2021 Person of the Year?
  - (a) Priyanka Chopra
  - (b) Deepika Padukone
  - (c) Kareena Kapoor
  - (d) Alia Bhatt
19. The unified and integrated app known as 'YONO (You Only Need One) that enables the users access to a variety of financial and other services is associated with :
  - (a) United Bank of India
  - (b) State Bank of India
  - (c) Syndicate Bank
  - (d) Axis Bank
20. The number of religious communities classified as Minorities by the Government of India as of March, 2022 is :
  - (a) Five
  - (b) Six
  - (c) Seven
  - (d) Eight
21. In India, the Enforcement Directorate (ED) which is a specialized investigation agency works under which union ministry?
  - (a) Ministry of Defence
  - (b) Ministry of External Affairs
  - (c) Ministry of Finance
  - (d) Ministry of Public Personnel

22. The Central Government's contribution in National Pension Scheme (NPS) was increased from 10% to how much percentage?
- (a) 11 % (b) 12 %  
(c) 13 % (d) 14 %
23. The basis of determining dearness allowance (DA) to employees in India is :
- (a) Gross Domestic Product (GDP) (b) Wholesale Price Index (WPI)  
(c) Consumer Price Index (CPI) (d) National Income (NI)
24. India is regarded as a country with "Demographic Dividend". This is due to :
- (a) its high population in the age group below 15 years  
(b) its high population in the age group of 15-64 years  
(c) its high population in the age group above 65 years  
(d) its high total population
25. Which year is known as the year of great divide in India's population history?
- (a) 1911 (b) 1921  
(c) 1951 (d) 1971
26. What is the agency responsible for publishing National income in India?
- (a) National Sample Survey (b) SEBI  
(c) Central Statistics Organisation (d) TRAI
27. What is the Most important Kharif crops in India?
- (a) Wheat (b) Rice  
(c) Maize (d) Barley
28. According to Hurun report 2022, the world's richest self-made billionaire aged 40 years and under is:
- (a) Mark Zuckerberg (b) Elon Musk  
(c) Zhang Yiming (d) Brian Chesky
29. Which one of the following entrepreneurs has recently become the single largest shareholder of Twitter by buying 9.2% of Twitter's stake?
- (a) Bill Gates (b) Jack Dorsey  
(c) Elon Musk (d) Jack Ma
30. In the recently concluded 64<sup>th</sup> Annual Grammy Awards, Jon Batiste won 5 Grammys including Album of the year called :
- (a) Sour (b) We are  
(c) Planet Her (d) Back of My Mind
31. On march 2022, the chief minister of which of the following states had signed a pact to resolve the border dispute in six places?
- (a) Punjab and Haryana (b) Assam and Manipur  
(c) Assam and Meghalaya (d) Assam and Nagaland
32. Which country has become the first EU country to cut off Russian gas in the year 2022?
- (a) Poland (b) Germany  
(c) Lithuania (d) Hungary
33. The first country to approve the commercial production of genetically modified golden rice.
- (a) Cambodia (b) Bangladesh  
(c) Philippines (d) Vietnam

34. Russian invasion of Ukraine marks the first use of which of the following type of weapons in combat warfare?
- (a) Inter-continental Ballistic Missile (b) Hypersonic missile  
(c) Submarine-launched Ballistic Missile (d) Cruise Missile
35. When did Russia invaded Ukraine?
- (a) 21<sup>st</sup> February 2022 (b) 22<sup>nd</sup> February 2022  
(c) 23<sup>rd</sup> February 2022 (d) 24<sup>th</sup> February 2022
36. Victor Orban became the prime minister of which of the following countries for the 4<sup>th</sup> time in a row?
- (a) Belarus (b) Hungary  
(c) Finland (d) Lithuania
37. In 2021, Kaja Kallas has become the first female prime minister of
- (a) Ethiopia (b) Estonia  
(c) Nigeria (d) Malaysia
38. Winner of the “Best Actor in a Leading Role” Award at the 94<sup>th</sup> Oscars Awards 2022.
- (a) Brad Pit (b) Benedict Cumberbatch  
(c) Will Smith (d) Chris Rock
39. In the human body, red blood cells are produced in :
- (a) Liver (b) Bone marrow  
(c) Brain (d) Pancreas
40. Dennis Parnell Sullivan has been conferred the :
- (a) 2022 Governor of the year award (b) Pritzker Prize 2022  
(c) Abel Prize 2022 (d) Templeton Prize 2022
41. Winner of the women’s singles tennis title at the 2022 Australian Open.
- (a) Serena Williams (b) Danielle Collins  
(c) Karolína Plíšková (d) Ashleigh Barty
42. COP 27 will take place from 7-18 November 2022 in which of the following countries?
- (a) UK (b) Saudi Arabia  
(c) Egypt (d) Israel
43. Balikatan 2022 is a big military drill of the US army with the army of :
- (a) South Korea (b) Japan  
(c) Australia (d) Philippines
44. On November 2021, the world’s largest hydrogen fuel cell power plant was inaugurated in which of the following countries?
- (a) Germany (b) Taiwan  
(c) China (d) South Korea
45. World leaders of the COP26 climate summit promised to end and reverse deforestation by :
- (a) 2025 (b) 2030  
(c) 2045 (d) 2050
46. The world’s first plasmid DNA vaccine that can be administered using a needle-free applicator is :
- (a) Pfizer (b) moderna  
(c) ZyCoV-D (d) Covaxin
47. On December 2021, which country has become the first country in the world to go paperless?
- (a) UAE (b) Qatar  
(c) Sweden (d) Switzerland

48. Winner of men's Ballon d'Or award 2021.
- (a) Cristiano Ronaldo (b) Robert Lewandowski  
(c) Lionel Messi (d) Neymar Jr.
49. Whose country's parliament has recently approved a bill to change its capital to Nusantara?
- (a) Thailand (b) Malaysia  
(c) Indonesia (d) Cambodia
50. Writer of the famous book, "I Know Why the Caged Bird Sings".
- (a) Maya Angelou (b) JK Rowlings  
(c) Joyce Meyers (d) Arundhati Roy
51. Which of the following famous fiction novel was authored by Kristin Hannah in the year 2021?
- (a) Malibu Rising (b) People we meet on vacation  
(c) The Lincoln Highway (d) The Four Winds
52. What is the full form of SDRs?
- (a) Software Define Radio (b) Simple Divide Rules  
(c) Sub-Divisional Registrars (d) Special Drawing Rights
53. The word 'Swift' which is in news recently in light of Russian invasion of Ukraine is related to :
- (a) Scientific transfer of future military technology among nations  
(b) Special response force of NATO  
(c) Systematic targeting of Russian assets across the world  
(d) Global financial platform that facilitates international trade
54. The state popularly known as the 'Apple Kingdom' of India.
- (a) Haryana (b) Himachal Pradesh  
(c) Gujarat (d) Maharashtra
55. Which of the following is also known as the 'Great Circle'?
- (a) Tropic of Cancer (b) Tropic of Capricorn  
(c) Equator (d) Pacific Ring of Fire
56. The Nobel Peace Prize is awarded in which city?
- (a) Geneva (b) Oslo  
(c) Brussels (d) Stockholm
57. Inventor of ATM machines-
- (a) Roger Bacon (b) Giovanni Batista  
(c) AH Taylor (d) Shepherd- Barron
58. Which one of the following is not formed in our body?
- (a) Vitamin A (b) Protein  
(c) Enzyme (d) Hormone
59. A nuclear reactor harnesses nuclear energy by?
- (a) Nuclear Fusion (b) Controlled chain reaction  
(c) Spontaneous Fission (d) Uncontrolled chain reaction
60. An instrument used for measuring depth of an ocean is called
- (a) Hydrometer (b) Hygrometer  
(c) Galvanometer (d) Fathometer

61. Which of the following is the longest canal in the world?  
(a) Panama canal (b) Kiel canal  
(c) Suez Canal (d) Grand canal
62. The blue revolution is related to :  
(a) Meat production (b) Milk production  
(c) Fish production (d) Fruit production
63. Judicial Review in India is based on :  
(a) Due process of law (b) Procedure established by law  
(c) Rule of law (d) Precedents and conventions
64. Constitution of India was adopted by constituent assembly on :  
(a) 15<sup>th</sup> August 1950 (b) 26<sup>th</sup> November 1949  
(c) 26<sup>th</sup> January 1950 (d) 26<sup>th</sup> January 1949
65. The fore-runner of Non-Aligned Movement was?  
(a) Cairo Conference (b) Wanchoo Conference  
(c) Atlanta Conference (d) Bandung Conference
66. Who among the following propounded the theory of 'Drain of Wealth'?  
(a) Mahatma Gandhi (b) Jawaharlal Nehru  
(c) Nelson Mandela (d) Dadabhai Naoroji
67. On July 28, 1914, World War I was started by :  
(a) Germany invasion of Poland (b) Austria-Hungary invasion of Serbia  
(c) Germany invasion of England (d) Japanese invasion of China
68. 'Modern Babylon' is a reference often made to represent :  
(a) London (b) Belgrade  
(c) Budapest (d) Venice
69. Pulitzer prize is awarded for outstanding work in the field of :  
(a) Science and Technology (b) International Understanding  
(c) Literature and Journalism (d) Environmental Studies
70. 'Diet' is the name of the Parliament of which country?  
(a) Russia (b) Argentina  
(c) Japan (d) Turkey
71. SDRs is the currency of :  
(a) World Bank (b) Asian Development Bank  
(c) IMF (d) RBI
72. In terms of value, what is the largest item of imports by India during the past five years?  
(a) Engineering goods (b) Gems & Jewellery  
(c) Defence equipments (d) POL
73. Which institution provides assistance to those countries who are experiencing severe Balance of Payment crisis?  
(a) IMF (b) World Bank  
(c) BRICS Bank (d) UNO
74. India's highest military award for valor, equivalent to the Victoria Cross is :  
(a) Ashok Chakra award (b) Param Vir Chakra  
(c) Shaurya Chakra award (d) Maha Vir Chakra

75. What is the currency of China?  
(a) Won (b) Yen  
(c) Wuan (d) Yuan
76. Full form of NEEPCO.  
(a) National Electric Power Corporation (b) North Eastern Electric Power Corporation  
(c) North Eastern Electric Power Company (d) National Electric & Electronic Power Corporation
77. Charles Babbage is popularly known as the father of :  
(a) Mathematics (b) Engineering  
(c) Computing (d) English Literature
78. Which one of the following is known as Earth Summit?  
(a) United Nations Framework Convention on Climate change  
(b) United Nations Conference on Environment and Development  
(c) United Nations Conference on Human Environment  
(d) United Nations Conference to combat desertification
79. The most common method which is used to purify the water is :  
(a) De-nitrification (b) Condensation  
(c) Hibernation (d) Chlorination
80. Ways and means advances is a mechanism used by Reserve Bank of India (RBI) to provide funds/loans to :  
(a) Central government (b) Foreign governments  
(c) State governments (d) Banks
81. Which one of the following institution was replaced by NITI-Aayog?  
(a) National Development Council (b) Planning Commission  
(c) Finance Commission (d) National Commission for Central Budgetting
82. The excess of total expenditure of Government over its total receipts, excluding borrowings, is known as:  
(a) Balance of payment deficit (b) Revenue deficit  
(c) Primary deficit (d) Fiscal deficit
83. Which one of the following is the largest linguistic group of India?  
(a) Indo-Aryan (b) Sino-Tibetan  
(c) Dravidian (d) Mongolian
84. According to the United Nations criteria, a mega city is a city whose population is at least :  
(a) One million (b) Ten million  
(c) Twelve million (d) Fifty million
85. Who was popularly known as the Lady with the Lamp?  
(a) Mother Teresa (b) Queen Elizabeth  
(c) Mona Lisa (d) Florence Nightingale
86. What can be the maximum representation from the Union Territories to the Lok Sabha?  
(a) Two (b) Twelve  
(c) Twenty (d) Fifty
87. Which of the following blood group is called Universal Donor?  
(a) A+ (b) B+  
(c) AB (d) O

88. Which of the following is known as the defense mechanism of human body against foreign organism?  
(a) Lymph (b) Platelets  
(c) Leukocytes (d) Erythrocytes
89. Which vitamin is popularly called as 'Sunshine vitamin'?  
(a) Vitamin A (b) Vitamin B12  
(c) Vitamin B (d) Vitamin D
90. Which mineral is popularly known as buried sunshine?  
(a) Zinc (b) Mica  
(c) Bauxite (d) Coal
91. Under which of the following categories sound cannot travel through?  
(a) Vacuum (b) Solids  
(c) Liquids (d) Gasses
92. Which state of India is known as Molasses Basin?  
(a) Kerala (b) Uttar Pradesh  
(c) Mizoram (d) West Bengal
93. A light-year is a measurement of :  
(a) Speed (b) Time  
(c) Distance (d) Age
94. A market economy where many firms sell similar but not identical products is termed as :  
(a) Perfect competition (b) Imperfect competition  
(c) Monopolistic competition (d) Oligopoly
95. In India, engineering day is celebrated every year on :  
(a) August 15 (b) September 15  
(c) October 23 (d) November 12
96. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?  
(a) Sunday (b) Saturday  
(c) Friday (d) Thursday
97. Pointing to a photograph of a boy Mastea said, "He is the son of the only son of my mother." How is Mastea related to that boy?  
(a) Father (b) Brother  
(c) Uncle (d) Cousin
98. When do we observe International Day of Happiness?  
(a) January 20 (b) February 21  
(c) March 20 (d) April 21
99. Exposure to sunlight helps a person improve his health because :  
(a) resistance power increases  
(b) the ultraviolet rays convert skin oil into Vitamin D  
(c) the infrared light kills bacteria in the body  
(d) the pigment cells in the skin get stimulated and produce a healthy tan
100. The velocity of wind is measured by :  
(a) audiometer (b) tachometer  
(c) anemometer (d) speedometer