

MIZORAM PUBLIC SERVICE COMMISSION
TECHNICAL COMPETITIVE EXAMINATIONS FOR
JUNIOR GRADE OF MIZORAM ENGINEERING SERVICE (COMBINED)
UNDER VARIOUS DEPARTMENT,
GOVERNMENT OF MIZORAM, JULY-2024

GENERAL STUDIES

Time Allowed : 3 hours

FM : 100

All questions carry equal mark of 1 each.

Attempt all questions.

1. Supreme Court of India declined an appeal to legalise _____ marriages in the country
(a) Inter cast (b) Same-sex
(c) Abnormal (d) Two transgender
2. 'SHRESHTA Scheme' was launched by
(a) Ministry of Social Justice & Empowerment (b) Ministry of MSME
(c) Ministry of Power (d) Ministry of Labour and Empowerment
3. The world's first portable hospital 'Aarogya Maitri Aid Cube' was unveiled on December 2, 2023 in
(a) Bangalore (b) Gurugram
(c) Mumbai (d) Kolkata
4. Who was the first person to reach point Nemo?
(a) Chris Brown (b) Hrvoje Lukatela
(c) Jules Verne (d) Vilhjalmur Stefansson
5. Who received best actor award in Dadasaheb Phalke Award for the year 2024?
(a) Vicky Kaushal (b) Shahrukh Khan
(c) Ayushman Khurrana (d) Shahid Kapoor
6. Who received the SASTRA Ramanujan Prize 2023?
(a) Keith Devlin (b) Terence Tao
(c) Ruixiang Zhang (d) Timothy Gowers
7. What does an airbag in a Car contain?
(a) Sodium bicarbonate (b) Sodium azide
(c) Sodium nitrate (d) Sodium peroxide
8. Which cells in the human body have no nucleus?
(a) Muscle cells (b) Phagocytic cells
(c) Red blood cells (d) Ciliated cells
9. An antibacterial enzyme present in saliva and tears is called
(a) Ribozyme (b) Lipase
(c) Isomerase (d) Lysozyme
10. Which of the following biosphere reserves is spread over three States in India?
(a) Nilgiri (b) Achanakmar-Amarkantak
(c) Seshachalam (d) Agasthiyamalai

11. Which Organisation publishes worldwide list of endangered species?
 - (a) International Union for Conservation of Nature(IUCN)
 - (b) World Wide Fund for Nature(WWF)
 - (c) United Nation Environment Programme(UNEP)
 - (d) United Nations Development Programme(UNDP)
12. Which one of the following is the mascot for the khelo India Winter Games,2024
 - (a) Bengal Tiger
 - (b) Hangul
 - (c) Snow Leopard
 - (d) Arctic Fox
13. The 7th edition of the Indian Ocean Conference was held in
 - (a) Dhaka
 - (b) New Delhi
 - (c) Male
 - (d) Perth
14. The Indian Army launched 'Operation Sarvashakti' to flush out terrorists in
 - (a) Myanmar
 - (b) Manipur
 - (c) Jammu and Kashmir
 - (d) Chhattisgarh
15. Which of the following cities were conferred with the cleanest city award under Swachh Survekshan Awards, 2023
 - (a) Bangaluru and Prayagraj
 - (b) Indore and Surat
 - (c) Prayagraj and Indore
 - (d) Surat and Bangaluru
16. What is an 'end-to-end secure mobile ecosystem' developed by the Indian Army?
 - (a) SANCHAR
 - (b) VAIBHAV
 - (c) SAMPARK
 - (d) SAMBHAV
17. India signs agreement for Lithium exploration and Mining project with
 - (a) Brazil
 - (b) Australia
 - (c) Argentina
 - (d) Chile
18. Which one of the following indicators is included in the National Multi-dimensional Poverty Index (MPI)
 - (a) Years of schooling
 - (b) Literacy rate
 - (c) Life expectancy
 - (d) Per capita income
19. What are the constituents of solder alloy?
 - (a) Pb and Zn
 - (b) Pb and Sn
 - (c) Pb and Si
 - (d) Pb and Co
20. What acids is secreted by Nettle leaves that causes painful stings?
 - (a) Methanoic acid
 - (b) Citric acid
 - (c) Tartaric acid
 - (d) Acetic acid
21. What is the oldest football tournament in Asia?
 - (a) Federation Cup
 - (b) Santosh Trophy
 - (c) Durand Cup
 - (d) Rovers Cup
22. Who is the first Indian woman to win a medal in the Olympics?
 - (a) Karnam Malleswari
 - (b) Mirabai Chanu
 - (c) P.T. Usha
 - (d) P.V. Sindhu
23. What is the name of the humanoid teacher introduced by a Kerala school?
 - (a) Robo
 - (b) Sophia
 - (c) Alexa
 - (d) Iris

24. Who is the Executive Chairman of the World Economic Forum?
(a) Narendra Modi (b) Klaus Schwab
(c) Francois Hollande (d) Borge Brende
25. What is the date of World Water Day in 2024?
(a) March 20 (b) March 21
(c) March 22 (d) March 23
26. Who will be the Indian team's flagbearer for the upcoming Paris 2024 Olympics?
(a) G Sathiyam (b) Nayana James
(c) Sunil Chhetri (d) Sharath Kamal
27. 'e-Kisan Upaj Nidhi' (Digital Gateway) was launched by Shri Piyush Goyal to
(a) Prevent distress sale by farmers
(b) Provide financial assistance to small-scale farmers
(c) Facilitate access to healthcare services for rural farmers
(d) Promote Sustainable Development Goals
28. One of the objectives of NAMASTE Scheme is
(a) Promoting Rain water harvesting in urban areas of India
(b) Enhancing urban infrastructure development
(c) Providing financial assistance for urban housing projects
(d) Promotion of safe and mechanised cleaning of sewers and septic tanks through trained and certified sanitation workers
29. Who initiated the self-Respect Movement?
(a) B.R Ambedkar (b) Jyotiba Phule
(c) E.V. Ramaswamy Naicker (d) Jawaharlal Nehru
30. Who won the 2023 Abel Prize?
(a) Jane Goodall (b) Karen Uhlenback
(c) Frank Wilczek (d) Luis A. Caffarelli
31. Arundhati Bhattacharya is the first woman Chairperson of
(a) ICICI (b) SBI
(c) Axis Bank (d) Canara Bank
32. An infection constantly maintained at a baseline level in a geographic area without external input is known as
(a) Endemic (b) Pandemic
(c) Epidemic (d) Outbreak
33. Which one of the following Indian States has the longest coastline?
(a) Tamil Nadu (b) Gujarat
(c) Maharashtra (d) Andhra Pradesh
34. Where is Point Calimere located?
(a) Jammu and Kashmir (b) Tamil Nadu
(c) Dadra & Nagar Haveli (d) Kerala
35. The decrease in the general price level of goods and services is called
(a) Deflation (b) Stagflation
(c) Devaluation (d) Recession
36. The greatest direct threats to sustainability of hydro-power dam in Mizoram is
(a) Deforestation (b) Sedimentation
(c) High infiltration (d) Evaporation

37. The full form of Chat GPT is
(a) Chat Generative Pre-Trained Transformer (b) Chat Generative Post-Trained Translator
(c) Chat Generalize Post-Trained Transformer (d) Chat Generalize Pre-Trained Transformer
38. What is the largest natural lake in Mizoram?
(a) Tam Dil (b) Palak Dil
(c) Rih dil (d) Rung Dil
39. When was Mizoram University established?
(a) 1999 (b) 2000
(c) 2001 (d) 2002
40. What is the highest dam in India?
(a) Hirakud Dam (b) Sardar Sarovar Dam
(c) Srisaillam Reservoir (d) Tehri Dam
41. Who said 'Live as if you were to die tomorrow, learn as if you were to live forever'?
(a) Swami Vivekananda (b) Mahatma Gandhi
(c) Rabindranath Tagore (d) B R Ambedkar
42. Who was the first Indian to win a grammy?
(a) Zubin Mehta (b) Zakir Hussain
(c) Ravi Shankar (d) Ali Akbar Khan
43. Who was the first Indian to win a Nobel prize in physics?
(a) Subramanyam Chandrashekar (b) Venkat Ramakrishnan
(c) Har Gobind Khorana (d) C V Raman
44. Which of the following is the most populous city in the world?
(a) Shanghai, China (b) New York, USA
(c) Delhi, India (d) Tokyo, Japan
45. Who is the current Minister incharge of Power and Electricity in Mizoram??
(a) Pu Lalduhawma (b) Pu Vanlalhlana
(c) Prof. Lalnilawma (d) Pu F Rodingliana
46. According to the recent Asian Development Bank report, what is the expected growth rate of the Indian economy in 2024?
(a) 8.1% (b) 7.8%
(c) 7.0% (d) 6.9%
47. To assist which country India launched 'Operation Karuna'?
(a) Sri Lanka (b) Myanmar
(c) Nepal (d) Bangladesh
48. The 128th Constitution Amendment Bill, 2023, is associated with?
(a) Reserve 33% of seats for women in Lok Sabha and State Assemblies
(b) Identify Other Backward Classes (OBCs)
(c) Reservation for Economically Weaker Sections (EWSs)
(d) Goods and Services Tax
49. Which of the following country is not a member of SAARC?
(a) Nepal (b) China
(c) Maldives (d) Afghanistan

50. What is the share provided by the Centre in implementation of projects under "North East Special Infrastructure Development Scheme" (NESIDS)?
- (a) 100% (b) 75%
(c) 50% (d) 25%
51. Who is the author of Vande Mataram?
- (a) Mahatma Gandhi (b) Rabindranath Tagore
(c) Bankim Chandra Chatterjee (d) Sarat Chandra Chatterjee
52. Who is regarded as the 'father of modern India'?
- (a) Raja Ram Mohan Roy (b) Swami Dayananda Saraswati
(c) Sri Aurobindo (d) Bhagat Singh
53. Who wrote 'My experiments with Truth'?
- (a) Bal Gangadhar Tilak (b) M K Gandhi
(c) Sri Aurobindo (d) Jawaharlal Nehru
54. Who had observed that 'Good government was never a good substitute for self-government'?
- (a) Swami Vivekananda (b) Ramakrishna Paramahansa
(c) Swami Dayananda (d) Aurobindo Ghose
55. The words 'socialist' and 'secular' were made a part of the Preamble by:
- (a) 41st amendment (b) 44th amendment
(c) 46th amendment (d) 42nd amendment
56. What is the minimum age required to be a Prime Minister of India?
- (a) 21 years (b) 25 years
(c) 30 years (d) 35 years
57. Which of the following leads to termination of session of house?
- (a) Adjournment (b) Adjournment sine die
(c) Prorogation (d) Dissolution
58. Which Schedule of the Indian Constitution deals with the administration of the tribal areas in the four northeastern states of Assam, Meghalaya, Tripura and Mizoram?
- (a) Sixth Schedule (b) Seventh Schedule
(c) Eighth Schedule (d) Ninth Schedule
59. Which of the following river islands has been declared as India's first island district?
- (a) Little Andaman Island (b) Barren Island
(c) Majuli Island (d) Umananda Island
60. Damodar is a tributary of which of the following rivers?
- (a) Yamuna (b) Hugli/Hoogly
(c) Subarnaekha (d) Mahanadi
61. Who among the following coined the term 'Protein revolution'?
- (a) Atal Bihari Vajpayee (b) Narendra Modi
(c) Manmohan Singh (d) P V Narasimha Rao
62. Thomas Cup is related to which among the following sports?
- (a) Table Tennis (b) Lawn Tennis
(c) Badminton (d) Golf
63. Which professional boxer is nicknamed the "Kid Dynamite"?
- (a) Mike Tyson (b) Muhammad Ali
(c) Joe Frazier (d) James Toney

64. In Ecology, an ecotone is a/an:
- (a) transition zone between two biomes
 - (b) community plus its physical environment
 - (c) association between a species and a group of sites
 - (d) distinct geographic variety within a species
65. Which of the following is NOT a conservative force?
- (a) Electrostatic force
 - (b) Magnetic force
 - (c) Force in an elastic spring
 - (d) Frictional force
66. Which of the following is incorrect:
- (a) Gravitational force of attraction is independent of nature of intervening medium
 - (b) Gravitational forces are central forces
 - (c) Gravitational forces are non-conservative forces
 - (d) Gravitational force of attraction varies inversely as the square of the distance.
67. What is Tyndall effect?
- (a) Scattering of a beam of light by the particles of a suspension
 - (b) Refraction of a beam of light by the particles of a solution
 - (c) Reflection of a beam of light by the particles of a suspension
 - (d) Scattering of a beam of light by the particles of a colloid
68. What is the H-C-H bond angle in a methane molecule?
- (a) 120°
 - (b) 75°
 - (c) 109.5°
 - (d) 150°
69. Which of the following studies is related to herpetology?
- (a) Snakes
 - (b) Fishes
 - (c) Aquatic plants and animals
 - (d) Amphibians and Reptiles
70. Which of the following antiseptic compounds is present in Dettol?
- (a) Iodine
 - (b) Cresol
 - (c) Chloroxylenol
 - (d) Biothional
71. Tocopherol is also known as
- (a) Vitamin E
 - (b) Vitamin D
 - (c) Vitamin A
 - (d) Vitamin B
72. The full form of RTE Act 2009 is
- (a) Right to Education Act, 2009
 - (b) The Right of Children to Free and Compulsory Education Act, 2009
 - (c) Righ of Children to Education Act, 2009
 - (d) The Right to Education Act, 2009
73. What is the smallest bone in human body?
- (a) Malleus
 - (b) Incus
 - (c) Stapes
 - (d) Cochlea
74. Who won the French Open Men's Single Category 2024?
- (a) Alcaraz
 - (b) Rublev
 - (c) Zverev
 - (d) Sinner
75. The RPwD Act, 2016 covered...
- (a) 7 types of Disabilities
 - (b) 14 types of Disabilities
 - (c) 18 types of Disabilities
 - (d) 21 types of Disabilites

76. According to the Juvenile Justice (Care and Protection of Children) Act, 2015, the term 'Juvenile' means:
- (a) A child below the age of 21 years (b) A child below the age of 20 years
(c) A child below the age of 18 years (d) A child below the age of 16 years
77. Article 21A of the Indian Constitution is about
- (a) Girl Education (b) Tribal Education
(c) University Education (d) Free and Compulsory Education
78. Heinous offences includes the offences for which the minimum punishment under the Indian Penal Code or any other law in force is imprisonment for
- (a) 5 years or more (b) 7 years or more
(c) 10 years or more (d) 12 years or more
79. Bharatiya Nyaya Sanhita (BNS) will come into force with effect from 1st July 2024 throughout the territory of India and it will replace
- (a) Indian Penal Code 1860 (b) Code of Criminal Procedure 1973
(c) Indian Evidence Act 1872 (d) Marriage Act 1947
80. Sikkim was made an integral part of India under the
- (a) 36th Amendment (b) 39th Amendment
(c) 40th Amendment (d) 42nd Amendment
81. Which constitutional amendment deleted the right to property from the list of fundamental rights?
- (a) 40th Amendment (b) 42nd Amendment
(c) 43rd Amendment (d) 44th Amendment
82. The right to vote in India is a
- (a) Fundamental right (b) Legal right
(c) Constitutional right (d) Natural right
83. Fundamental Duties do not enjoy any
- (a) Legal sanction (b) Moral sanction
(c) Political sanction (d) Social sanction
84. What is 'Zero Hour'?
- (a) When the proposals of the opposition are raised
(b) When matters of utmost importance are raised
(c) Interval between the morning and afternoon sessions
(d) When a money bill is introduced in Lok Sabha
85. How many High Courts are constituted in India?
- (a) 14 (b) 19
(c) 20 (d) 25
86. The 73rd Amendment of the Indian Constitution deals with
- (a) Minimum age of marriage (b) Child labour
(c) Panchayati Raj (d) Conservation of forest
87. Who was called the Iron Man of India
- (a) Subhas Chandra Bose (b) Bipin Chandra Pal
(c) Lala Lajpat Rai (d) Sardar Vallabhbhai Patel
88. Indian National Congress was founded by
- (a) Michael Hume (b) Allan Octavian Hume
(c) Mahatma Gandhi (d) Feroz Shah

89. Who is the exponent of the theory of economic drain of India during the British rule?
(a) Dadabhai Naoroji (b) Gopal Krishna Gokhale
(c) Ram Manohar Lohiya (d) Jai Prakash Narayan
90. Central Administrative tribunal deals with
(a) Recruitment matters (b) Promotion matters
(c) Disciplinary matters (d) Recruitment and service matters
91. Who advises the Government of India on legal matters?
(a) Attorney General (b) Chief Justice of Supreme Court
(c) Chairman, Law Commission (d) Chief Information Commissioner
92. Which of the following subjects lies in the concurrent list?
(a) Agriculture (b) Education
(c) Police (d) Defense
93. When will demand become a grant?
(a) When a demand is submitted (b) After the discussion on demand is over
(c) After the demand is granted (d) When the budget session is closed
94. The oath of office is administered to the Governor of a State by the
(a) Chief Justice of India (b) President
(c) Prime Minister (d) Chief Justice of High Court
95. How many types of writs can be issued by the supreme court?
(a) 2 (b) 3
(c) 4 (d) 5
96. The speaker can stop a member of Parliament from speaking and let another member speak. This phenomenon is known as
(a) Decorum (b) Crossing the floor
(c) Interpellation (d) Yielding the floor
97. Which among the following longitudes determines Indian Standard Time?
(a) 85.5° E (b) 83.5° E
(c) 82.5° E (d) 84.5° E
98. What is the name given to tiny particles of plastic debris that are smaller than 5 millimeters in size?
(a) Mini-plastics (b) Micro-plastics
(c) Nano-plastics (d) Milli-plastics
99. In SI units, a unit of charge is called
(a) Milli coulomb (b) Coulomb
(c) Ampere (d) Milli ampere
100. What is the new academic structure suggested by NEP 2020?
(a) 6+4+1+1 (b) 10+2+3+4
(c) 5+3+3+4 (d) 5+4+3+3