

MIZORAM PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATIONS FOR JUNIOR GRADE OF M.E.S.
UNDER POWER & ELECTRICITY DEPARTMENT, AUGUST, 2018.

GENERAL STUDIES

Time Allowed : 3 hours

FM : 100

Attempt all questions.

All questions carry equal marks of 1 each.

1. The Engineering Staff College of India (ESCI) is located in :-
(a) Roorkee (b) Hyderabad
(c) Kanpur (d) Ahmedabad
2. Quality of product or service is generally defined as :-
(a) Engineer's determination (b) Management determination
(c) Marketing determination (d) Customer determination
3. A proven management technique using a systematized approach to seek out the best functional balance between the cost, reliability and performance of a product or project is called :-
(a) Value Engineering. (b) Quality Control.
(c) Quality Management (d) Project Management
4. Man becomes a Resource when :-
(a) there is a team work (b) enough laborers are available
(c) he acquires skill (d) all of these
5. One of the Roadblocks to new or different ideas is :-
(a) Lack of information (b) Short of motivation
(c) Inadequate ideas (d) Attitude to habits
6. The Primary colours are :-
(a) red, yellow and blue (b) red, black and green
(c) green, yellow and white (d) black, white and blue
7. An Object or Structure will be more stable when :-
(a) the higher is the centre of gravity (b) the lower is the center of gravity
(c) the heavier is the weight (d) the lighter is the weight
8. The elements responsible for hardness of water are :-
(a) Calcium and Potassium (b) Mercury and Zinc
(c) Potassium and Magnesium (d) Calcium and Magnesium
9. The first element requirement for remote sensing is :-
(a) Transmission (b) Reception
(c) Energy source (d) Interpretation
10. LIDAR system in surveying uses :-
(a) Sound (b) Light
(c) Thermal (d) Combination of all of these

11. Who was called as the Lord of the whole of North India?
 - (a) Pulakeshin
 - (b) Chandragupta Maurya
 - (c) Ashoka
 - (d) Harshavardhana
12. The earliest inscriptions in India were found on :-
 - (a) Stones
 - (b) Clay
 - (c) Coins
 - (d) Bricks
13. Kalinga war was associated with :-
 - (a) Kanishka
 - (b) Chandragupta Maurya
 - (c) Ashoka
 - (d) Porus
14. Nalanda in ancient India was associated with :-
 - (a) Jainism
 - (b) Sikhism
 - (c) Hinduism
 - (d) Buddhism
15. The Aryans came to India from :-
 - (a) Central Asia
 - (b) Middle East
 - (c) Western Europe
 - (d) None of these
16. Playing time of the full version of the national anthem is approximately :-
 - (a) 50 seconds.
 - (b) 52 seconds
 - (c) 60 seconds
 - (d) 62 seconds
17. Who among the followings died as a prisoner in the jail :-
 - (a) Akbar
 - (b) Mohammad Ghori
 - (c) Aurangzeb
 - (d) Shah Jahan
18. The English established their first factory in India at :-
 - (a) Kolkata.
 - (b) Surat
 - (c) Mumbai
 - (d) Thiruvananthapuram
19. Dandhi March was associated with the :-
 - (a) Partition of Bengal
 - (b) Quit India
 - (c) Salt law
 - (d) Assassination of Mahatma Gandhi
20. Sati system in India was abolished by :-
 - (a) Lord Curzon
 - (b) Lord Dalhousie
 - (c) Warren Hastings
 - (d) William Bentinck
21. The first airport built on an artificial island is :-
 - (a) Nagasaki international airport
 - (b) Kansai international airport
 - (c) Hawaii international airport
 - (d) Solomon island international airport
22. The person who designed the first mechanical computer was :-
 - (a) Charles Babbage
 - (b) John Mauchly
 - (c) Herman Hollerith
 - (d) J.Presperckert
23. At freezing point of water Absolute Temperature scale or Kelvin scale would read :-
 - (a) -273°K
 - (b) -373°K
 - (c) 273°K
 - (d) 373°K
24. Christian Huygens, a Dutch scientist is associated with :-
 - (a) Atomic clock
 - (b) Quartz clock
 - (c) Mechanical clock
 - (d) Pendulum clock

25. The term Life cycle cost is related to summation during the life span of :-
(a) recurring costs (b) non-recurring costs
(c) both recurring and non-recurring costs (d) None of these
26. An escarpment is a typical landform caused by a phenomenon of :-
(a) Folding (b) Faulting
(c) Drifting (d) Subsidence
27. The condition(s) necessary for the occurrence of artesian wells is/are :-
(a) Permeable rock be exposed to the surface
(b) Sufficient amount of rainfall in the area
(c) A layer of permeable rock between impermeable rock
(d) All of these
28. Transfer of heat by movement of a mass or substance from one place to another is called :-
(a) Convection (b) Conduction
(c) Radiation (d) Induction
29. At the Equatorial region of Doldrums :-
(a) Surface wind blows predominantly. (b) There is severe wind blowing in all directions
(c) Only vertical wind current is felt predominantly (d) Wind direction is highly unpredictable
30. The ocean which resembles the letter 'S' in shape is :-
(a) Indian ocean (b) Atlantic ocean
(c) Pacific ocean (d) Arctic ocean
31. The method of bookbinding with a flexible or soft cover is called :-
(a) Scroll (b) Codex
(c) Spine (d) Paperback
32. The river systems of India can be mainly classified into :-
(a) three groups (b) four groups
(c) five groups (d) six groups
33. Who is the author of the book 'Making India Awesome'? :-
(a) K.L.joshi (b) S.Sinha
(c) Chetan Bhagat (d) Debajyoti Das
34. Article 51 'A' contained in part IV-A of the constitution deals with:-
(a) Fundamental duties (b) Power of parliament
(c) Fundamental rights (d) Autonomous District Councils
35. After its previous sitting each house of the parliament has to meet within :-
(a) three months (b) four months
(c) five months (d) six months
36. In India 'Civil services day' is celebrated each year on :-
(a) April 20 (b) June 20
(c) April 21 (d) June 21
37. Kidambi Srikanth is associated with the sport :-
(a) Kabadi (b) Badminton
(c) Hockey (d) Cricket

38. Which one of the following taxes at the State level is being subsumed into GST?
(a) Service tax (b) Excise duty
(c) Countervailing duty (d) VAT
39. Choose the wrong one from the following in connection with the president of India :-
(a) Qualified for election to member of Rajya Sabha
(b) Not less than 35 years of age
(c) Election is proportional representation by means of single transferable vote
(d) Eligible for re-election
40. The digital service platform named YONO is launched by which of the following :-
(a) NITI (b) Election Commission
(c) Income Tax Department (d) SBI
41. Which of the following scheme is associated with 'Mission for protection and empowerment for women'? :-
(a) PMAY (b) IAY
(c) PMMSK (d) None of these
42. The annual shangai festival 2017 was celebrated in the state of :-
(a) Sikkim. (b) Manipur
(c) Nagaland (d) Arunachal Pradesh
43. Aditya-L1 is one of the projects of the Indian Space Research Organisation to study :-
(a) The Sun (b) Mars
(c) Asteroids (d) The Moon
44. Group of instructions that directs a computer is called :-
(a) Storage (b) Memory
(c) Logic (d) Program
45. The grand event for the crowning of Miss World for the year 2017 was held in :-
(a) Phillipine. (b) China.
(c) Costa Rica. (d) Venezuala.
46. Mrs Nirmala Sitharaman the present Defence Minister of India is an MP Rajya Sabha representing :-
(a) Goa (b) Kerala
(c) Karnataka (d) Tamil Nadu
47. Memorandum of Understanding was signed with BSNL to launch Relief 123 service to provide disaster management in India by :-
(a) Electronic Corporation of India (b) Reliance
(c) Jio net (d) Vihaan Networks Ltd.
48. Which of the following India city is recently included in UNESCO's creative cities :-
(a) Kolkata (b) Mumbai
(c) Chennai (d) Bengaluru
49. National Unity Day is observed to commemorate the birth anniversary of :-
(a) Sardar Vallabhai Patel (b) Mahatma Gandhi
(c) Rabindranat Tagore (d) A.B.Vajpayee
50. The capital of Lakshadweed is :-
(a) Panaji. (b) Port Blair.
(c) Silvasa. (d) Kavaratti.

51. The first Indigenous Battle Tank of India is:-
(a) Arjun (b) Vijayanta
(c) Pinaka (d) Nag
52. Palace on wheels is a prestigious tourist train of :-
(a) Rajasthan (b) W.Bengal
(c) Orissa (d) Bihar
53. Corbett National Park is located in the state of :-
(a) Assam (b) Gujarat
(c) Uttarakhand (d) Jharkhand
54. Delhi, Mathura and Agra share which one of the following river :-
(a) Yamuna. (b) Narmada
(c) Mahanadi (d) Krishna
55. The term 'Mallet' is associated with the sport :-
(a) Bridge (b) Chess
(c) Golf (d) Polo
56. The Red Triangle symbol is used to represent :-
(a) Distress (b) Family Planning
(c) Victory (d) Progress
57. Which of the following instruments measures potential difference?
(a) Potentiometer (b) Ammeter
(c) Voltmeter (d) Galvanometer
58. Which of the followings finds its application as anesthesia?
(a) Hydrogen peroxide (b) Sodium hydroxide
(c) Solid Carbon dioxide (d) Nitrous Oxide
59. The mirror used for side mirror in cars (rear view mirror) is :-
(a) Plane mirror (b) Concave mirror
(c) Convex mirror (d) Coloured mirror
60. Which of the following temperature is same both in °C and °F :-
(a) -40 (b) 40
(c) -45 (d) 45
61. Choose the oldest among the following organisation :-
(a) Territorial Army (b) BSF
(c) NCC (d) Home Guards
62. Amritsar is associated with which of the following :-
(a) Amarnath Temple (b) Golden Temple
(c) Sarnath Temple (d) Dilwara Temple
63. Indian Forest (Amendment) Ordinance,2017 was recently promulgated by the Union Government to:-
(a) stop excessive deforestation activity in the country.
(b) regulate sale of Teak trees from selected places in the country.
(c) promote application of latest technology for the preservation of forests.
(d) promote cultivation of bamboo in non-forest areas.

64. Indian missile recently tested from Sukhoi fighter aircraft successfully is :-
(a) Brahmos (b) Akash
(c) Agni (d) Trishul
65. Garba is a popular dance of the state :-
(a) Kerala (b) Orissa
(c) Jammu & Kashmir (d) Gujarat
66. The power house of the cell is :-
(a) Chromosomes (b) Mitochondria
(c) Nucleus (d) Ribosomes
67. Scurvy is due to the deficiency of which of the following vitamin :-
(a) B₂ (b) B₁₂
(c) C (d) D
68. The largest gland in human body is :-
(a) Heart (b) Lung
(c) Brain (d) Liver
69. The science dealing with the study of structure, uses etc of Microscopic organisms is :-
(a) Entomology (b) Microbiology
(c) Pathology (d) Pharmacology
70. The range of pH value for a potable water generally is :-
(a) 6.5 – 7.0 (b) 6.0 – 7.5
(c) 7.0 – 8.5 (d) None of these
71. Which of the following is an element?
(a) Silver (b) Water
(c) Carbon dioxide (d) None of these
72. Which of the following is an example of unstable equilibrium?
(a) A foot ball (b) A man sleeping on a floor.
(c) A man standing on one leg (d) None of these
73. Which of the following quantities has no unit?
(a) Stress (b) Strain
(c) Surface tension (d) Viscosity
74. Of the following medium, the speed of sound will be greatest in :-
(a) Metal bar (b) Water
(c) Air (d) Vacuum
75. The south pole of the earth's magnet is in the geographical :-
(a) East (b) South
(c) West (d) North
76. Static electricity is produced by the transfer of :-
(a) Electrons (b) Protons
(c) One fluid (d) Two fluids
77. For making an electric room heater we should choose a wire of :-
(a) Lead (b) Silver
(c) Nichrome (d) Copper

78. When the balance returns to the zero position when the weights are removed, then it is said to be :-
(a) True (b) Stable
(c) Sensitive (d) None of these
79. Operation Insaniyat recently started by the Government of India is to :-
(a) register any illegal immigrant staying in the country
(b) provide assistance to Tibet from any foreign intrusion
(c) prevent Rohingya refugees from entering the border illegally
(d) provide assistance to Bangladesh due to influx of Rohingya refugees
80. The Finance Commission constitute by the Union Government in November 2017 is the :-
(a) 14th (b) 15th
(c) 16th (d) 17th
81. The theme of International Day of Yoga on 21st June, 2017 was :-
(a) 'Yoga for all' (b) 'Yoga for cure'
(c) 'Yoga for Health' (d) 'Yoga for Happy life'
82. Which is the oldest Indian Institute of Technology?
(a) IIT-Kharagpur. (b) IIT- Bombay
(c) IIT- Madras (d) IIT-Kanpur
83. The 8th Asian Winter Games on 19th February 2017 was held in :-
(a) China (b) Japan
(c) Singapore (d) Hongkong
84. The 12th and the newest domestic airline in the country is :-
(a) Spice Jet (b) Indigo
(c) Zoom Air (d) None of these
85. The Atomic number of an element is equal to the :-
(a) Number of electrons revolving around the nucleus in different orbits
(b) Number of neutrons present in the nucleus
(c) Number of isotopes
(d) None of these
86. Which element is always present in organic compounds?
(a) Hydrogen (b) Nitrogen
(c) Carbon (d) Sulphur
87. Which of the following statements is not true in connection with Ram Nath Kovind, the 14th and current president of India?
(a) He served as Governor of Bihar from 2015 to 2017.
(b) He was Member of Parliament, Lok Sabha during 1994 to 2006.
(c) He became the second Dalit to be elected to the post of President.
(d) He was born in 1st October 1945.
88. The theme of Global Entrepreneurship summit 2017 to be held in Hyderabad is :-
(a) Prosperity for all the women.
(b) Equal opportunity for all women entrepreneurs.
(c) Eradication of poverty for the weaker.
(d) Women first, Prosperity for All.

89. The oceanic crust of the Earth mainly consists of:-
(a) Silica and Magnesium (b) Silica and Alumina
(c) Magnesium and Alumina (d) None of these
90. A large bends formed by a river as it twists and turns in the plain is known as :-
(a) Ox-bow (b) Floodplain
(c) Meanders (d) Levees
91. A gas used for artificial fruit ripening is :-
(a) Butane (b) Propane
(c) Methylene (d) Ethylene
92. Among the following national civilian awards, choose the one in which Government servants are not eligible for it :-
(a) Bharat Ratna (b) Padma Vibhushan
(c) Padma Bhusan (d) Padma Shri
93. The Secretary General of the UNO is appointed on the recommendation of :-
(a) General Assembly. (b) Security Council
(c) Secretariat (d) All of the above in joint session
94. Direct vote of electors on a political issue of importance is called :-
(a) Adult Franchise (b) By-election
(c) Referendum (d) Plebiscite
95. Which is also known as Khapa-chan?
(a) Kargil (b) Leh
(c) Ladakh (d) Gangri
96. Who was honoured with the Indian film personality of 2017?
(a) Amitabh Bachchan (b) Shahrukh Khan
(c) Manouj Kadamh (d) None of these
97. The quotation 'Give me blood, I shall give you freedom' is associated with :-
(a) Sardar Vallabhbhai Patel (b) Lala Lajpat Rai
(c) Bal Gangadhar Tilak (d) Subhash Chandra Bose
98. Which among the followings is the chief producer of Rubber in India?
(a) Punjab (b) Kerala
(c) Maharashtra (d) Jharkhand
99. The concept of fundamental duties of Indian constitution was borrowed from which among the followings?
(a) constitution of Australia
(b) UN Charter
(c) Constitution of socialist countries such as Russia
(d) Constitution of UK
100. Which type of forests occupies the highest percentage of area in India?
(a) Tropical deciduous (b) Savana and desert vegetation
(c) Equatorial evergreen (d) Tropical rainforests