

# MIZORAM PUBLIC SERVICE COMMISSION

## GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF UPPER DIVISION CLERK (U.D.C.) UNDER HORTICULTURE DEPARTMENT, GOVERNMENT OF MIZORAM, DECEMBER, 2019

### PAPER - II

Time Allowed : 3 hours

Full Marks : 100

*All questions carry equal marks of 1 each.*

*Attempt all questions.*

### SECTION - A

*(General Knowledge - 75 Marks)*

- Who is the minister in-charge of Public Health Engineering in Mizoram?  
(a) Lalchamliana (b) Lalruatkima  
(c) Dr.Lalthangliana (d) Tawnluia
- Which one of the following localities within AMC recently celebrated its 114<sup>th</sup> anniversary with a grand feast?  
(a) Electric Veng (b) Tlangnuam  
(c) Laipuitlang (d) Venghlui
- Who is the current Chief Justice of India?  
(a) Jagdish Mukhil Pillai (b) Ranjan Gogoi  
(c) P.K.Krishna (d) Sharad Arvind Bobde
- From next academic year, the state is going to introduce English medium from 1st- 8th standard in government schools-  
(a) Kerala (b) Maharastra  
(c) Tripura (d) Andhra Pradesh
- Which of the following Institutes has launched India's first indigenously designed standing wheelchair named 'Arise'?  
(a) IIT Madras (b) IIT Kolkatta  
(c) IIT Kanpur (d) IIT Bombay
- Where was the National Research Institute of Unani Medicine inaugurated?  
(a) Sikkim (b) Telangana  
(c) Uttarakhand (d) Andra Pradesh
- Which state Government is to partner with Massachusetts Institute of Technology (MIT)-based Abdul LatifJameel Poverty Action Lab (J-PAL) for transformative action?  
(a) Kerala (b) Bihar  
(c) Odisha (d) Uttarakhand
- Which Indian movie has been nominated for the 92nd Oscar Awards?  
(a) Dhadak (b) Raazi  
(c) Padmaavat (d) Gully Boy

9. Who is the chairman of Mizoram Youth Commission (MYC)
  - (a) Dr. R.Lalthangliana
  - (b) Dr. Vanlaltanpuia
  - (c) Dr. K Beichua
  - (d) Dr. L.Thangmawia
10. What is the position of India in the 2019 Ease of Doing Business rankings?
  - (a) 61<sup>st</sup>
  - (b) 62<sup>nd</sup>
  - (c) 63<sup>rd</sup>
  - (d) 64<sup>th</sup>
11. Which state tops the Innovation Index 2019 launched by the NITI Aayog?
  - (a) Kerala
  - (b) Maharastra
  - (c) Andra Pradesh
  - (d) Karnataka
12. The Bilateral Exercise 'Samudra Shakti' 2019 was held between Indian Navy and the navy of-
  - (a) Indonesia
  - (b) Thailand
  - (c) Malaysia
  - (d) Israel
13. Which of the following former chief election commissioner has recently passed away?
  - (a) B. B. Tandon
  - (b) T. S. Krishnamurthy
  - (c) TN Seshan
  - (d) M. S. Gill
14. India's rank in Global Hunger Index 2019-
  - (a) 95<sup>th</sup>
  - (b) 102<sup>nd</sup>
  - (c) 115<sup>th</sup>
  - (d) 125<sup>th</sup>
15. National unity award has been constituted on whose name?
  - (a) B R Ambedkar
  - (b) Mahatma Gandhi
  - (c) Sardar Vallabhbhai Patel
  - (d) Pandit Jawaharlal Nehru
16. The Union Minister of Health and Family Welfare launched which of the following website for oral health information?
  - (a) eHealth
  - (b) eDantSeva
  - (c) eOralHealth
  - (d) eOrale
17. India plan to add how much of renewable energy to its electricity grid by 2030?
  - (a) 400 Gigawatts
  - (b) 450 Gigawatts
  - (c) 500 Gigawatts
  - (d) 550 Gigawatts
18. What is the rank of India in the IMD World Digital Competitiveness Ranking 2019?
  - (a) 44<sup>th</sup>
  - (b) 60<sup>th</sup>
  - (c) 72<sup>nd</sup>
  - (d) 91<sup>st</sup>
19. 'One Nation One Ration Card' scheme will be available across the country from-
  - (a) 30<sup>th</sup> June,2020
  - (b) 5<sup>th</sup> July, 2020
  - (c) 2<sup>nd</sup> July,2020
  - (d) 1<sup>st</sup> July,2020
20. Russia is going to train how many Indian astronauts for India's ambitious manned mission to space, Gaganyaan?
  - (a) Two
  - (b) Three
  - (c) Four
  - (d) Six
21. The largest selling English-language daily newspaper in the world?
  - (a) The Washington Times
  - (b) The Times of India
  - (c) The Hindu
  - (d) The Guardian

22. The amount of money given by RBI to the Central government- its highest transfer ever-sparking a fierce debate in India is
- (a) 1.76 Lakh crores (b) 1.96 Lakh crores  
(c) 2.18 Lakh crores (d) 2.85 Lakh crores
23. Which is the only Indian film that featured in “The Guardian” list of 100 Best Films of the 21st century?
- (a) Sholay (b) Dangal  
(c) Gangs of Wasseyapur (d) Sultan
24. DF-41 - the most powerful intercontinental-range ballistic missile on Earth, belongs to which country?
- (a) China (b) USA  
(c) Russia (d) France
25. When do we observe International Day of Non-Violence?
- (a) 1<sup>st</sup> October (b) 2<sup>nd</sup> October  
(c) 3<sup>rd</sup> October (d) 4<sup>th</sup> October.
26. Which country is the largest contributor to greenhouse gases in the world?
- (a) USA (b) China  
(c) India (d) Bangladesh
27. The initial public offering of ARAMCO, the most profitable company in the world has been agreed by -
- (a) China (b) Saudi Arabia  
(c) Mexico (d) USA
28. A powerful spyware named “Pegasus” that was used to infect the phones of many Indian human rights activists, lawyers and journalists through whatsapp originates from
- (a) China (b) Pakistan  
(c) Israel (d) USA
29. Saad Hariri stepped down from President of which country?
- (a) Lebanon (b) Chile  
(c) Hong Kong (d) None of these
30. A Chinese company ‘Sam Enterprise Group’ has signed a secretive deal with the Tulagi Island for up to 75 years which is under the territory of -
- (a) Tuvalu (b) Solomon Islands  
(c) Nauru (d) Namibia
31. A country that has formally notified the United Nations of its withdrawal from the Paris Climate Accord on October 2019-
- (a) France (b) UK  
(c) USA (d) Israel
32. India and Sierra Leone has signed MoU to achieve self-sufficiency in
- (a) Cotton production (b) Wheat production  
(c) Fish production (d) Rice production
33. Yahoo, an American web services company is owned by
- (a) Verizon (b) Google  
(c) Wordpress (d) Alphabet

34. Typhoon Hagibis recently caused havoc in which of the following countries?  
(a) Indonesia (b) Malaysia  
(c) Japan (d) North Korea
35. As per Forbes Magazine, Sean Carter is named as the world's 1<sup>st</sup> billionaire rapper and he is popularly known as-  
(a) Eminem (b) Jay-Z  
(c) ASAP Rocky (d) Drake
36. The book "Exam Warriors" has been authored by  
(a) Narendra Modi (b) Maneka Gandhi  
(c) Piyush Goyal (d) Prakash Javadekar
37. Who wrote the famous book titled, "What Young India Wants" ?  
(a) APJ Abdul Kalam (b) Khushwant Singh  
(c) Chetan Bhagat (d) VS Naipaul
38. C. Lalnunchanga has written a fantasy novel called  
(a) Rintei zunleng (b) Kawlkil piah lamtluang  
(c) Beiseina mittui (d) Sihlipui
39. 'Getting India Back on Track' is a book written by  
(a) Ratan Tata (b) Fatima Bhutto  
(c) Arundhati Roy (d) Dominic Lapierre
40. Who wrote the famous book 'Count of Monte Christo' ?  
(a) Suzane Collins (b) Alexander Dumas  
(c) Leo Tolstoy (d) Sidney Sheldon
41. In which country the 2019 World Artistic Gymnastics Championships was organised?  
(a) Germany (b) Spain  
(c) France (d) Italy
42. The country that tops the IAAF World Athletics Championships 2019-  
(a) China (b) USA  
(c) UK (d) France
43. The 'Highest paid female athletes' of 2019 according to Forbes is  
(a) Venus Williams (b) Maria Sharapova  
(c) Serena Williams (d) Naomi Osaka
44. Winner of the 2019 US Open Women's Singles in New York-  
(a) Naomi Osaka (b) Serena Williams  
(c) Maria Sharapova (d) Bianca Andreescu
45. In baseball, the two opposing teams consist of -  
(a) 10 players each (b) 9 players each  
(c) 8 players each (d) 7 players each
46. What is the full form of NIELIT?  
(a) North Indian Electrical Line & Information Technology  
(b) National Institute for Electronics and Industrial Technology  
(c) National Institute for Electronics and Information Technology  
(d) National Institute for Electrical and Information Technology

47. 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.
48. What is the full form of LED?
- (a) Light Emitting Disc
  - (b) Linen Embryo Dye
  - (c) Light Emitting Diode
  - (d) Light Eating Disc
49. Full form of WWE
- (a) World Wrestling Enterprise
  - (b) World Wide Entertainment
  - (c) World Wrestling Entertaining
  - (d) World Wrestling Entertainment
50. Which state is popularly known as the '*sugar bowl of India*'?
- (a) Uttar Pradesh
  - (b) Tamil Nadu
  - (c) Maharashtra
  - (d) Chhattisgarh
51. Which country is popularly known as 'Coffee pot of the world'?
- (a) India
  - (b) Brazil
  - (c) China
  - (d) Argentina
52. The city commonly known as "Manchester of India" .
- (a) Kolkatta
  - (b) Jaipur
  - (c) Ahmedabad
  - (d) Ladakh
53. Which country is famously known as 'Lady of Snow'?
- (a) Russia
  - (b) Canada
  - (c) Netherland
  - (d) Norway
54. The city popularly known as "City of Palaces" is -
- (a) Kolkatta
  - (b) Jaipur
  - (c) Amritsar
  - (d) Ladakh
55. "Pawtlak thla" is the mizo name given to the month of -
- (a) May
  - (b) July
  - (c) October
  - (d) December
56. Recently, which sportsman has been awarded the USA's Presidential Medal of Freedom ?
- (a) Tiger woods
  - (b) Pele
  - (c) Serena Williams
  - (d) Roger Federer
57. Abhiy Ahmed Ali is the winner of 2019's Nobel prize for
- (a) Economics
  - (b) Physics
  - (c) Literature
  - (d) Peace
58. Whose country's Prime Minister has been conferred with prestigious '*Vaccine Hero*' award of Global Alliance for Vaccination and Immunizations (GAVI) at the UN General Assembly (UNGA)?
- (a) Pakistan
  - (b) Bangladesh
  - (c) Thailand
  - (d) India
59. Winner of the Carol Burnett Award at 2020 Golden Globe awards in Los Angeles-
- (a) Oprah Winfrey
  - (b) Jimmy Kimmel
  - (c) Jimmy Fallon
  - (d) Ellen DeGeneres

60. The first Mizo recipient of Padma Bhushan, the third highest civilian award in India is -  
(a) RL Thanmawia (b) A Sawihlira  
(c) Capt. LZ Sailo (d) Lalzuia Colney
61. Penicillin was invented by -  
(a) Christian Bernard (b) Alexander Fleming  
(c) Mc Collum (d) William Harvey
62. Inventor of Watch :-  
(a) Hippocrates (b) Bartholomew Manfredi  
(c) Edward Jennar (d) Louis Pasteur
63. Who invented 3-point seat belt?  
(a) George Cayley (b) Hans Lippershey  
(c) Hugh DeHaven (d) Nils Bohlin
64. An Indian Engineer who invented 'automatic sluice gate' is  
(a) Home J.Bhaba (b) Salim Ali  
(c) Srinavasa Ramanuja (d) M. Visvesvaraya
65. X-ray was invented by  
(a) PT Farnsworth (b) Hans Lippershey  
(c) G Marconi (d) WK Roentgen
66. Who invented mechanical calculator called Pascaline?  
(a) Blaise Pascal (b) Charles Babbage  
(c) Alan Turing (d) Lee De Forest
67. Which of the following units of memory is arranged in ascending order?  
(a) GB>MB>KB>TB (b) TB>MB>GB>KB  
(c) MB>GB>TB>KB (d) TB>GB>MB>KB
68. Which of the following has launched a service named "Right to be forgotten" for Europeans in which they can request it to remove links related to them ?  
(a) Microsoft (b) Google  
(c) Facebook (d) Twitter
69. Coded entries which are used to gain access to a computer system are called -  
(a) Security commands (b) Entry codes  
(c) Codewords (d) Mnemonics
70. IC chips used in computers are usually made of  
(a) Lead (b) Silicon  
(c) Chromium (d) Gold
71. What is the control unit's function in the CPU?  
(a) To transfer data to primary storage (b) To store program instructions  
(c) To perform logic functions (d) To decode program instructions
72. In a computer, the parity bit is added for the purpose of  
(a) Coding (b) Error detection  
(c) Controlling (d) Indexing

73. What is the administrative section of the computer system ?  
(a) Memory Unit (b) Input Unit  
(c) Control Unit (d) Central Processing Unit
74. Who among the following considered as the 'father of artificial intelligence' ?  
(a) John McCarthy (b) Lee De Forest  
(c) Charles Babbage (d) JP Eckert
75. Vint Cerf is popularly known as the fathers of the -  
(a) Computer (b) Internet  
(c) Software (d) Virus

**SECTION - B**

***(Simple Arithmetic - 25 Marks)***

76. In a mixture of 90 litres, the ratio of milk and water is 2 : 1. If the ratio of the milk and water is to be 1 : 2, then the amount of water to be added is -  
(a) 30 litres (b) 60 litres  
(c) 90 litres (d) 120 litres
77. Average age of A and B is 20 years, that of B and C is 22 years and the average age of C and A is 24 years. The age of A is -  
(a) 20 years (b) 22 years  
(c) 24 years (d) 26 years
78. A fruit seller buys lemons at 2 for a rupee and then sells at 5 for three rupees. His gain percent is -  
(a) 10% (b) 15%  
(c) 20% (d) 25%
79. A sum of Rs. 12,500 amounts to Rs. 15,500 in 4 years at the rate of simple interest. What is the rate of interest?  
(a) 6% (b) 5%  
(c) 4% (d) 3%
80. A cube of side one meter length is cut into small cubes of side 10 cm each. How many such small cubes can be obtained?  
(a) 10 (b) 100  
(c) 1000 (d) 10000
81. Tluanga covers a distance of 300 m in 60 seconds. What is his speed in km per hour?  
(a) 5 (b) 9  
(c) 10 (d) 18
82. A bag contains 3 red balls, 5 white balls and 7 black balls. The probability that a ball drawn from the bag at random will be neither red nor black is -  
(a)  $\frac{1}{3}$  (b)  $\frac{1}{5}$   
(c)  $\frac{7}{15}$  (d)  $\frac{8}{15}$

83. What is value of  $\frac{(40.25 \div 5) + (0.07 \times 5)}{(0.15 \times 8) + (0.18 \div 0.2)}$ ?
- (a) 4 (b) 5  
(c) 6 (d) 7
84. Sanga and Pianga can do the same piece of work in 10 days and 15 days respectively. If they work together, in how many days will the work be finished?
- (a) 5 days (b) 6 days  
(c) 7 days (d) 8 days
85. The value of  $x$  in the equation  $35\% \text{ of } 1500 + x = 45\% \text{ of } 4200 - 320$  is -
- (a) 910 (b) 980  
(c) 1012 (d) 1045
86. The sum of four consecutive integers is 1206. The greatest of them is -
- (a) 301 (b) 302  
(c) 303 (d) 304
87. A student was asked to multiply a number by 12. But he multiplied by 21 and got his answer 72 more than the correct answer. The number to be multiplied was -
- (a) 8 (b) 9  
(c) 10 (d) 12
88. How many 8 are present in the following sequence of numbers which are exactly divisible by both its preceding and following numbers?  
3 8 6 8 8 7 6 8 3 4 8 2 5 6 2 8 2 4 8 6 3 7 4 8 4 5 8 4
- (a) 5 (b) 6  
(c) 3 (d) 4
89. The discriminant of the quadratic equation  $x^2 - 7x + 6 = 0$  is -
- (a) 10 (b) 15  
(c) 20 (d) 25
90. If the common difference of an AP is 6, then the difference between the 6<sup>th</sup> and 10<sup>th</sup> term is -
- (a) 24 (b) 25  
(c) 26 (d) 27
91. The ratio of the present age of father to that of son is 7:2. After 10 years their ages will be in the ratio 9:4. The present age of the father is -
- (a) 25 years (b) 30 years  
(c) 35 years (d) 40 years
92. If  $A:B = 2:3$ ,  $B:C = 4:5$ , then  $A:B:C$  is -
- (a) 2:3:4 (b) 3:4:5  
(c) 6:8:10 (d) 8:12:15
93. By what least number should we multiply 180 to make it a perfect square?
- (a) 7 (b) 5  
(c) 3 (d) 2



94. What will be value of  $\frac{74.6-38.9-5.7}{26.4-18.9}$ ?
- (a) 3.5 (b) 4.5  
(c) 4 (d) 3
95. If in a race of 80 m, Engi covers the distance in 20 seconds and Buati in 25 seconds, then Engi beats Buati by -
- (a) 10m (b) 25m  
(c) 20m (d) 16m
96. What greatest number divides 17, 42 and 93 and leaves remainders 4, 3 and 15, respectively?
- (a) 89 (b) 78  
(c) 13 (d) 17
97. Two angles are complementary to each other. One angle is  $16^\circ$  more than another angle. Then the two angles are -
- (a)  $30^\circ$  and  $46^\circ$  (b)  $53^\circ$  and  $37^\circ$   
(c)  $82^\circ$  and  $98^\circ$  (d)  $100^\circ$  and  $116^\circ$
98. The population of a city is 4,000 at present. It increases at the rate of 10% per annum. What will be its population after 2 years?
- (a) 4840 (b) 5850  
(c) 6860 (d) 7870
99. Which of the following is in descending order?
- (a)  $\frac{11}{17}, \frac{9}{13}, \frac{5}{8}$  (b)  $\frac{5}{8}, \frac{11}{17}, \frac{9}{13}$   
(c)  $\frac{5}{8}, \frac{9}{13}, \frac{11}{17}$  (d)  $\frac{9}{13}, \frac{11}{17}, \frac{5}{8}$
100. In a group of people, 100 persons know Mizo, 50 persons know English and 30 know both. If each of the person knows either Mizo or English, how many persons are there in the group?
- (a) 150 (b) 120  
(c) 130 (d) 180

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