

# MIZORAM PUBLIC SERVICE COMMISSION

## GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF U.D.C. UNDER SOCIAL WELFARE DEPARTMENT JUNE, 2018

### PAPER - II

{ *Section A - General Knowledge - 75 Marks* }  
{ *Section B - Simple Arithmetic - 25 Marks* }

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 current Chief Minister of Meghalaya?  
(a) Conrad Sangma (b) D.D. Lapang  
(c) Mukul Sangma (d) Donkupar Roy
- Which city will host the 2024 Summer Olympics?  
(a) New Delhi (b) Los Angeles  
(c) Sydney (d) Paris
- Where is the headquarters of the National Film Development Corporation of India (NFDC)?  
(a) New Delhi (b) Pune  
(c) Kochi (d) Mumbai
- The 2017 International Day of Older Persons is observed on which date?  
(a) October 2 (b) October 4  
(c) October 1 (d) October 3
- Which country has officially recognized Jerusalem as the capital of Israel?  
(a) Japan (b) United Kingdom  
(c) United States (d) Pakistan
- How many Mizos have received the Padma Shree Awards till date?  
(a) 19 (b) 21  
(c) 20 (d) 22
- The first ISO Certificate in NE India Hospital was given to which Civil Hospital?  
(a) Shillong (b) Aizawl  
(c) Imphal (d) Agartala
- Who has been appointed as the new CEO and MD of Infosys?  
(a) Vishal Sikka (b) S.D. Shibulal  
(c) Pravin Rao (d) Salil S. Parekh

9. Sukharanjan Sengupta, who passed away recently, was associated with which field?  
(a) Politics (b) Law  
(c) Journalism (d) Film Industry
10. Who is the current Prime Minister of Bangladesh?  
(a) Sajeeb Wazad (b) Sheikh Hasina  
(c) Abdul Hamid (d) Khaleda Zia
11. The world's biggest toilet pot model was launched in which Indian State?  
(a) Haryana (b) Uttar Pradesh  
(c) Odisha (d) Punjab
12. Lalji Singh, the father of Indian DNA fingerprinting has passed away. He hailed from which state?  
(a) Tamil Nadu (b) Uttar Pradesh  
(c) Karnataka (d) Odisha
13. Jana Novotna is associated with which sports?  
(a) Cricket (b) Boxing  
(c) Tennis (d) Weightlifting
14. Which country does the newly crowned Miss Universe 2017 Demi-Leigh Nel-Peters hail from?  
(a) South Africa (b) Venezuela  
(c) Jamaica (d) Cambodia
15. India enters Guinness Records with over 918 kg of what type of food?  
(a) Rabari (b) Biryani  
(c) Pakoda (d) Khichdi
16. Fire has recently destroyed the oldest archaeological site located in which country?  
(a) Brazil (b) Peru  
(c) Egypt (d) India
17. Who authored the book "Pride and Prejudice"?  
(a) Jane Austen (b) Emily Bronte  
(c) J.K. Rowling (d) Agatha Christie
18. Which novel is authored by Salman Rushdie?  
(a) The Good Soldier (b) Satanic Verses  
(c) A Passage to India (d) Native Son
19. The number of players in each side in Water Polo is  
(a) 6 (b) 8  
(c) 7 (d) 9
20. Who won the 2017 Shanghai Masters Tennis Tournament?  
(a) Juan Martin del Potro (b) Dominic Thiem  
(c) Rafael Nadal (d) Roger Federer
21. What is the full form of URL?  
(a) Uniform Resource Locator (b) Universal Resource Locator  
(c) User Resource Locator (d) Unified Resource Locator

22. What is the full form of MAMCO?  
(a) Mizoram Agroforestry Market Corporation (b) Mizo Agriculture Market Corporation  
(c) Mizoram Agricultural Marketing Corporation (d) Mizo Agroforestry Market Corporation
23. What is the full form of LAN?  
(a) Local Area Network (b) Logical Area Network  
(c) Link Area Network (d) Layer Area Network
24. Which country is known as 'Land of White Elephant'?  
(a) India (b) Thailand  
(c) Pakistan (d) Bhutan
25. Which country is called 'Land of the Rising Sun'?  
(a) Norway (b) China  
(c) Japan (d) India
26. Which one is known as 'Pink City'?  
(a) Jaipur (b) Mumbai  
(c) Kolkatta (d) Varanasi
27. Who among the following is awarded The Best FIFA Football Awards, 2017?  
(a) Cristiano Ronaldo (b) Lionel Messi  
(c) Zinedine Zidane (d) Wayne Rooney
28. Who has been named Person of the Year for 2017 by the Time Magazine?  
(a) The Silence Breakers (b) The Protesters  
(c) The Dreamers (d) The Whistleblowers
29. Pulitzer Prize is awarded for outstanding work in the field of  
(a) Science & Technology (b) International Outstanding  
(c) Environmental Studies (d) Literature & Journalism
30. The steam engine was invented by  
(a) William Stockes (b) Sir Joseph Swann  
(c) J.E. Lundstrom (d) James Watt
31. Roentgen discovered  
(a) Electrocardiograph (b) Anti polio vaccine  
(c) X-rays (d) Encephalograph
32. Modem is a short form of:-  
(a) Modulation Demolition (b) Module Demolition  
(c) Modulator Demodulator (d) Module Demodulator
33. Group of 8 bits are called  
(a) Binary (b) Bites  
(c) Byte (d) Octrant
34. The operating system is a  
(a) System Software (b) Utility Software  
(c) Application Software (d) Malware

35. The most popular device for computer games is called  
(a) Track Ball (b) Joystick  
(c) Glide Pad (d) Touch Screen
36. Who is the author of 'We, Indians'?'  
(a) Arundhati Roy (b) Amartya Sen  
(c) APJ Abdul Kalam (d) Khushwant Singh
37. Who is the author of 'Being Mizo: Identity and belonging in Northeast India'?'  
(a) Dr. Rohmingmawii (b) Prof. Margaret L. Pachuau  
(c) J. Pachuau (d) Joy Lalkrawspari Pachuau
38. Winner of 2017 ATP World Tour Finals  
(a) Rafael Nadal (b) Roger Federer  
(c) Grigor Dimitrov (d) David Goffin
39. Full form of TCP/IP  
(a) Transmission Control Programme/ Internet Protocol  
(b) Transmission Control Protocol/ Internet Protocol  
(c) Transit Control Protocol/ Internet Protocol  
(d) Transmission Controlling Protocol/ Internet Protocol
40. Which of the following ocean current is known as 'River in the Sea'?'  
(a) Labrador current (b) Canary current  
(c) Benguela current (d) Gulf Stream
41. Jacques Dubochet, Joachim Frank and Richard Henderson are the winners of Nobel Prize 2017 in the discipline of-  
(a) Chemistry (b) Medicine  
(c) Physics (d) Economics
42. An Indian Engineer who invented 'automatic sluice gate' is-  
(a) Visvesvaraya (b) Srinavasa Ramanujan  
(c) Salim Ali (d) Homi J. Bhaba
43. An example of word processor application software is-  
(a) Microsoft Word (b) Microsoft Power Point  
(c) Microsoft Excel (d) Microsoft SQL Server
44. The most widely used web protocol is  
(a) html (b) url  
(c) isp (d) http://
45. What is HDMI?  
(a) Hard-Disk Media Interface (b) High-Definition Multimedia Interface  
(c) Hardware Disk Media Interface (d) High-Downlink Multimedia Interface
46. How much fund has been released by the Central Government as compensation to states for revenue loss following implementation of Goods and Services Tax (GST)?  
(a) Rs 8696 Crore (b) Rs 8697 Crore  
(c) Rs 8698 Crore (d) Rs 8699 Crore

47. World Food Day was observed across the world on?  
(a) 16<sup>th</sup> October (b) 17<sup>th</sup> October  
(c) 18<sup>th</sup> October (d) 19<sup>th</sup> October
48. World Tourism Day was celebrated across the world on? (Since 1980, the United Nations World Tourism Organization is celebrating World Tourism Day).  
(a) 24<sup>th</sup> September (b) 25<sup>th</sup> September  
(c) 26<sup>th</sup> September (d) 27<sup>th</sup> September
49. Who has been elected as the 14<sup>th</sup> President of India?  
(a) Pratiba Patil (b) Pranab Mukherjee  
(c) Ram Nath Kovind (d) A.P.J Abdul Kalam,
50. Donald John Trump has been sworn in as the \_\_\_\_\_ President of United States of America.  
(a) 42 (b) 43  
(c) 44 (d) 45
51. Swachh Bharat Abhiyan campaign in India was launched on?  
(a) 2 July, 2014 (b) 2 Aug, 2014  
(c) 2 Sep, 2014 (d) 2 Oct, 2014
52. 10<sup>th</sup> South Asia Economic Summit held in which city?  
(a) Delhi (b) Lagos  
(c) Bangkok (d) Kathmandu
53. The 2017 North East Development Summit (NEDS) was held in  
(a) Manipur (b) Sikkim  
(c) Assam (d) Tripura
54. Which ministry won Bronze medal at the India International Trade Fair 2017?  
(a) Ministry of Health Affairs (b) Ministry of Corporate Affairs  
(c) Ministry of External Affairs (d) Ministry of Telecommunication
55. Which is the most visited place of the world as declared by 'World Book of Records'?  
(a) Taj Mahal (b) Agra Fort  
(c) Golden Temple (d) Lotus Temple
56. Which day is celebrated as the 'World Toilet Day'?  
(a) 19<sup>th</sup> November (b) 19<sup>th</sup> September  
(c) 19<sup>th</sup> August (d) 19<sup>th</sup> October
57. Which state has approved an Act to confiscate and forfeit the properties of drug offenders?  
(a) Punjab (b) Haryana  
(c) Himachal Pradesh (d) Rajasthan
58. Where in India is the first offshore desalination Plant is getting built?  
(a) Mumbai (b) Chennai  
(c) Vishakhapatnam (d) Kovalam
59. Which is the top country in the world according to the Global Climate Risk Index to face extreme weather conditions?  
(a) Haiti (b) Fiji  
(c) Sri Lanka (d) Vietnam

60. Which Indian currency note has completed its 100 years in 2017?  
(a) 1 rupee note (b) 2 rupee note  
(c) 5 rupee note (d) 10 rupee note
61. Who is the newly appointed chairman of the Mizoram Youth Commission?  
(a) T.Sangkunga (b) KS Thanga  
(c) Joseph Lalhimpuia (d) R.Vanlalvena
62. What is the theme of World AIDS day, 2017?  
(a) Awareness to people (b) Remove the AIDS  
(c) Right to life (d) My health, my right
63. Name the only Indian who was on Fortune's 'Business Person of the Year 2017' list?  
(a) Shiv Nadar (b) Aditya Puri  
(c) Azim Premji (d) Lakhmi Mittal
64. 'Discovery of India' is the/a  
(a) Biography of Mahatma Gandhi (b) Autobiography of Jawaharlal Nehru  
(c) Biography of Jawaharlal Nehru (d) History book by Jawaharlal Nehru
65. The famous Test Cricket venue 'Eden Gardens' is located in-  
(a) Mumbai (b) Goa  
(c) Chennai (d) Kolkata
66. Name the Japanese sports which means 'empty hand'?  
(a) Taekwondo (b) Karate  
(c) Skiing (d) Wrestling
67. WWW stands for?  
(a) World Whole Web (b) Wide World Web  
(c) Web World Wide (d) World Wide Web
68. In which of the following form, data is stored in computer?  
(a) Decimal (b) Binary  
(c) Hexa Decimal (d) Octal
69. Who was the founder of Bluetooth?  
(a) Ericsson (b) Martin Cooper  
(c) Steve Jobs (d) Jaap Haartsen
70. Insulin was invented by-  
(a) Ronald Ross (b) Frederick Banting  
(c) Edward Jenner (d) Selman Waksman
71. Who invented Hydrogen Bomb?  
(a) Edward Teller (b) Samuel Cohen  
(c) Albert Einstein (d) J. Oppenheimer
72. ZPM stands for?  
(a) Zoram Public Movement (b) Zoram Peoples' Movement  
(c) Zoram Party Movement (d) Zoram Pradesh Movement

73. Which is the highest gallantry award in India-
- (a) Bharat Ratna (b) Kirti Chakra  
(c) Param Vir Chakra (d) Vir Chakra
74. Which city is called the 'Little Pakistan'?
- (a) Cairo (b) Dhaka  
(c) Bradford (d) Chicago
75. Which one is description of cache?
- (a) File transfer (b) Web browsers  
(c) Browser history (d) Temporary internet file

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

76. If  $A : B = 2 : 3$  and  $B : C = 4 : 5$  then  $A : C$  is -
- (a)  $2 : 4$  (b)  $3 : 5$   
(c)  $8 : 15$  (d)  $10 : 12$
77. Which term of the AP 5, 9, 13, 17, \_\_\_\_\_ is 81?
- (a) 81 (b) 93  
(c) 101 (d) 110
78. Divide 180 in the ratio 1:2:9 is -
- (a) 5:10:165 (b) 15:30:135  
(c) 1:2:9 (d) 180:360:1620
79. A wire looped in the form of a circle of radius 28 cm. It is rebent into a square form. Then the length of the side of the square is -
- (a) 22 cm (b) 33 cm  
(c) 44 cm (d) 55 cm
80. Which of the following is the greatest rational number-
- (a)  $\frac{4}{-9}$  (b)  $\frac{-5}{12}$   
(c)  $\frac{7}{-18}$  (d)  $\frac{-2}{3}$
81. Two numbers are in the ratio 5:8. If the sum of the numbers is 182. The numbers are -
- (a) 70 and 112 (b) 75 and 112  
(c) 70 and 122 (d) 75 and 122
82. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work left is -
- (a)  $\frac{1}{4}$  (b)  $\frac{1}{10}$   
(c)  $\frac{7}{15}$  (d)  $\frac{8}{15}$

83. The present worth of Rs 9900 due 1 year hence at 10% p.a. compounded annually is -  
(a) Rs. 9000 (b) Rs. 9100  
(c) Rs. 9800 (d) Rs. 10000
84. A loan Rs. 3,12,000 is returned in three equal annual instalments of Rs. 1,10,000 each. The total interest charged is -  
(a) Rs. 3,30,000 (b) Rs. 1,04,000  
(c) Rs. 18,000 (d) Rs. 19,970
85. Pi Muani, whose grade pay is Rs. 4400, has a pay of Rs. 17600 in the pay band. If Dearness Allowance is calculated at the rate of 136%, her D.A will be -  
(a) Rs 23930 (b) Rs 29920  
(c) Rs 28330 (d) Rs 23580
86. The length of the longest pole that can be put in a room of dimension (10m × 10m × 5m) is -  
(a) 10 m (b) 12 m  
(c) 15 m (d) 16 m
87. In a group of 65 people, 40 like apple, 10 like both apples and bananas. the number of people who like bananas only is -  
(a) 25 (b) 35  
(c) 50 (d) 75
88. The sum of the first 100 natural numbers is -  
(a) 4650 (b) 4750  
(c) 5000 (d) 5050
89. If cost of 15 books be Rs. 105, the cost of 3 dozen books is -  
(a) Rs. 315 (b) Rs. 525  
(c) Rs. 252 (d) Rs. 540
90. A man walking at the rate of 3 km/hr crosses a square field diagonally in 2 minutes. The area of the field is -  
(a) 2500 m<sup>2</sup> (b) 3000 m<sup>2</sup>  
(c) 5000 m<sup>2</sup> (d) 6000 m<sup>2</sup>
91. The number of cubes of side 2 cm that can be formed from a cube of side 6 cm is -  
(a) 6 (b) 9  
(c) 12 (d) 27
92. A can do a piece of work in 10 hours, while B can do the same work in 6 hours. B worked at it for 4 hours. How long will A take to finish the remaining work?  
(a) 3 hours (b) 3 hours 20 minutes  
(c) 3 hours 50 minutes (d) 5 hours
93. If the ratio of boys and girls in a class is 7:5, which of the following can not be the total number of students -  
(a) 36 (b) 60  
(c) 120 (d) 50



94. A can do a piece of work in 15 days and B can do it in 20 days. If they work together for 6 days, then the remaining work is -

- (a)  $\frac{7}{60}$  (b)  $\frac{3}{10}$   
(c)  $\frac{6}{7}$  (d)  $\frac{2}{10}$

95.  $\sqrt{10} \times \sqrt{15}$  is equal to -

- (a)  $5\sqrt{6}$  (b)  $6\sqrt{5}$   
(c)  $5\sqrt{3}$  (d)  $6\sqrt{5}$

96. The population of a town is 10,000. It is increased by 10% during the first year. During the second year, it is decreased by 20% and increased again by 30% during the third year. What is the population after 3 years?

- (a) 11,440 (b) 11,400  
(c) 13,000 (d) 12,000

97. The value of 'x' in a proportion of 5 : 15 :: 2 : x is -

- (a) 6 (b) 37.5  
(c) 30 (d) 10

98. The sum of two numbers is 18. The sum of their reciprocals is  $\frac{1}{8}$ . Then the numbers are -

- (a) 12 and 18 (b) 4 and 6  
(c) 9 and 18 (d) 6 and 12

99.  $\frac{4}{\sqrt{7} + \sqrt{3}} = ?$

- (a) 1 (b)  $\frac{4}{\sqrt{7}}$   
(c)  $\sqrt{7} - \sqrt{3}$  (d)  $4(\sqrt{7} - \sqrt{3})$

100. Liana bought a TV for Rs. 44,000. Then Sale Tax 5% charged on it. Then, the price before Sales tax is -

- (a) Rs. 42,000 (b) Rs. 43,000  
(c) Rs. 40,000 (d) Rs. 41,000