

# MIZORAM PUBLIC SERVICE COMMISSION

## GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF U.D.C. UNDER HOME (FORENSIC) DEPARTMENT FEBRUARY, 2019

### 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)*

1. Mizo National Front (MNF) chief Zoramthanga was sworn in as the Chief Minister of Mizoram by Governor K Rajasekharan on-
  - (a) 12<sup>th</sup> December 2018
  - (b) 15<sup>th</sup> December 2018
  - (c) 16<sup>th</sup> December 2018
  - (d) 17<sup>th</sup> December 2018
2. The controversial Citizenship (Amendment) Bill 2016 seeks to provide Indian citizenship to non-Muslims from which of the following countries?
  - (a) Bangladesh, Pakistan and Afghanistan.
  - (b) Nepal, Bangladesh and Pakistan
  - (c) Bhutan, Bangladesh and Pakistan
  - (d) Bangladesh, Nepal and Bhutan
3. Tuirial Hydro Electric plant has an installed capacity of
  - (a) 5MW
  - (b) 60MW
  - (c) 40MW
  - (d) 12 MW
4. Where was the 3<sup>rd</sup> ASEAN (Association of south East Asian Nations) India Business summit held on 27<sup>th</sup> November, 2018?
  - (a) New Delhi
  - (b) Jakarta
  - (c) Beijing
  - (d) Kuala Lumpur
5. Scheduled Tribes living in Scheduled areas of India does not pay-
  - (a) Value Added Tax
  - (b) Goods and Service Tax
  - (c) Income Tax
  - (d) Central Excise Tax
6. The 2019 Non-Resident Indian Day is observed on which city?
  - (a) Varanasi
  - (b) Gandhinagar
  - (c) Kolkata
  - (d) Bengaluru
7. Prof. Gita Gopinath, an Indian origin personality has joined which institution as its first female Chief Economist?
  - (a) World Bank
  - (b) ADB
  - (c) IMF
  - (d) Bank of America

8. Kamal Nath is the Chief Minister of  
(a) Manipur (b) Maharashtra  
(c) Madhya Pradesh (d) Odisha
9. Blue revolution is the intense growth of \_\_\_\_\_ technology.  
(a) Fishing (b) Aquaculture  
(c) horticulture (d) silvipasture
10. Name the country that has the highest number of children and teens with HIV positive in South Asia, as per the children, HIV and AIDS; The world in 2030 report released by UNICEF  
(a) Thailand (b) China  
(c) India (d) Malaysia
11. The leading person of the White revolution in India was  
(a) Dr. Verghese Kurien (b) Norman Borlaug  
(c) Shalikota (d) M.S. Swaminathan
12. Which Politician was awarded as 'Best Women Parliamentarian – Rajya Sabha' by Vice President M.Venkaiiah Naidu, in New Delhi on 13<sup>th</sup> December 2018?  
(a) Sushma Swaraj (b) Mamata Banerjee  
(c) Vasundhara Raje (d) Kanimozhi
13. Who was sworn in as Venezuelan President for the 2<sup>nd</sup> term on 11<sup>th</sup> January 2019?  
(a) Nicolas Maduro (b) Rasmus Henry  
(c) Stephen Hejlsberg (d) Mike Delfino
14. Reserve Bank of India (RBI) has approved which country's Pasargad Bank to open branches in Mumbai for easing trade related transactions on 2019?  
(a) Afghanistan (b) Myanmar  
(c) Egypt (d) Iran
15. Who became the first person to be declared a 'fugitive economic offender' under Section 12 of the Fugitive Economic Offenders' Act, 2018 by a special Prevention of Money Laundering Act (PMLA) Court in Mumbai in the year 2019?  
(a) Nirav Modi (b) Amarinder Prathap  
(c) Vijay Mallya (d) Dinesh Wadia
16. Delhi High Court has ruled that section \_\_\_\_\_ of the Indian Penal Code can be used by transgender persons to register complaints of sexual harassment?  
(a) Section 354A (b) Section 255B  
(c) Section 123C (d) Section 198D
17. Which state got a separate high court on 1<sup>st</sup> January 2019 which is the 25<sup>th</sup> high court of India?  
(a) Telangana (b) Mizoram  
(c) Sikkim (d) Andhra Pradesh
18. The rank of India on the Corruption Perceptions Index 2018 is  
(a) 68<sup>th</sup> (b) 78<sup>th</sup>  
(c) 88<sup>th</sup> (d) 98<sup>th</sup>
19. When do we celebrate National Voters' Day in India?  
(a) 25 January (b) 26 January  
(c) 27 January (d) 28 January

20. A new Naval Air Base 'INS Kohassa' was commissioned recently at which place?  
(a) Kerala (b) Goa  
(c) Tamil Nadu (d) Andaman & Nicobar
21. Former Union Minister George Fernandes passed away on January 29, 2019. He served which Ministry under the Atal Bihari Vajpayee-led NDA government?  
(a) Railways Ministry (b) Finance Ministry  
(c) Defence Ministry (d) Commerce Ministry
22. Porcine Reproductive and Respiratory Syndrome (PRRS), which is in news recently, is related to which of the following animals?  
(a) Birds (b) Chicken  
(c) Pigs (d) Horse
23. India's unemployment rate hit a 4 decade high to what percent in 2017-18 as per PLFS survey by National Sample Survey Office (NSSO)?  
(a) 5.7 % (b) 7.5 %  
(c) 8.5 % (d) 6.1 %
24. National Eligibility cum Entrance Test (NEET) is an entrance examination in India who wish to study graduate and post graduate courses in  
(a) Engineering colleges (b) Medical and dental colleges  
(c) Computer technology (d) Space technology
25. Mizoram declared itself Open Defecation Free state in the month of  
(a) July 2017 (b) July 2016  
(c) June 2000 (d) July 2018
26. Which state in India has become the first state to enact a Law banning sexual exploitation of women by those in positions of authority having a fiduciary relationship or a public servant?  
(a) Maharashtra (b) Haryana  
(c) Jammu and Kashmir (d) Telangana
27. Where did President Ram Nath Kovind inaugurate the 12<sup>th</sup> Global Healthcare Summit on 28<sup>th</sup> December 2018?  
(a) Kolkata (b) New Delhi  
(c) Mumbai (d) Mysore
28. Which was the first city to introduce ROADEO, the robot which will assist the pedestrians, especially children while crossing the roads on 14<sup>th</sup> January 2019?  
(a) Kolkata (b) Pune  
(c) Agra (d) New Delhi
29. Which of the following international personalities was the Chief guest at the 2019 Republic Day parade of India?  
(a) Mauricio Macri (b) Ashraf Ghani  
(c) Petro Poroshenko (d) Cyril Ramaphosa
30. Which state chief minister launched 'one family one job' scheme on January 12, 2019?  
(a) Sikkim (b) Telangana  
(c) Gujarat (d) Meghalaya

31. Which city traffic Police launched the Mobile application named 'Police-E-Eye' for the public to report on traffic violations to police and to keep a check on the same, on 7<sup>th</sup> January 2019?
- (a) Nagpur, Maharashtra (b) Calicut, Kerala  
(c) Coimbatore, Tamil Nadu (d) Darjeeling, West Bengal
32. The tropical cyclone 'Pabuk' has recently struck
- (a) Philippine (b) Malaysia  
(c) Indonesia (d) Thailand
33. Name the country that passed a law to make Islam compatible with socialism and 'sinicize' it within next 5 years?
- (a) Japan (b) North Korea  
(c) China (d) Myanmar
34. Which country introduced a new "GAFA tax" named after Google, Apple, Facebook and Amazon to ensure that the companies pay a fair share of taxes in Europe, on 1<sup>st</sup> January 2019?
- (a) Italy (b) Germany  
(c) France (d) Switzerland
35. Who was sworn in as the 42<sup>nd</sup> president of Brazil?
- (a) Fernando Haddard (b) Richard Hadley  
(c) Rufus Maynard (d) Jair Bolsonaro
36. Where is the world's oldest yoga institute, whose centenary celebrations were inaugurated by President Ram Nath Kovind?
- (a) New Delhi (b) Ahmedabad  
(c) Chennai (d) Mumbai
37. The biggest economy in the world in terms of GDP purchasing power parity is
- (a) India (b) USA  
(c) Japan (d) China
38. Which of the following countries have launched a common digital currency "Aber"?
- (a) Qatar and Bahrain (b) UAE and Saudi Arabia  
(c) Qatar and UAE (d) UAE and Iran
39. Which city was named as the world capital of Architecture for 2020 by UNESCO?
- (a) Tokyo (b) Beijing  
(c) Brasilia (d) Rio de Janeiro
40. The country where at least 68 people died due to the storm Usman on December 30, 2018.
- (a) Philippines (b) Bangladesh  
(c) Indonesia (d) Oman
41. Who is appointed as the new Chief Information Commissioner?
- (a) Bimal Julka (b) Sudhia Bhargava  
(c) Deepak Sandhu (d) Sushma Singh
42. The first archaeological excavation site in Mizoram is Kawtchhuah ropui at
- (a) Vangchhia (b) Vaphai  
(c) Farkawn (d) Dungtlang

43. The bill which aims at making the Islamic practice of instant divorce a penal offence and passed in the Lok Sabha recently is
- (a) Triple talaq bill (b) Citizenship Amendment Bill  
(c) The Islamic Women (Protection) Bill (d) None of these
44. The Luminaries is written by
- (a) Eleanor Catton (b) Hilary Mantel  
(c) Julian Barnes (d) David Grossman
45. 'Playing it my Way' is an autobiography by
- (a) C.Ronaldo (b) Virat Kohli  
(c) Sachin Tendulkar (d) Roger Federer
46. Biography of Napoleon was written by
- (a) Andrew Roberts (b) John Lahr  
(c) Walter Isaacson (d) Jung Chang
47. Name the author of the book 'Ka Lungkham'?
- (a) JF Laldailova (b) B.Lalthangliana  
(c) R.L Thanmawia (d) Laltluangliana Khiangte
48. Who wrote the 'Satanic verses'?
- (a) Salman Rushdie (b) Charles Darwin  
(c) Jane Austen (d) Pope John Paul II
49. 'India wins freedom' is an autobiography of
- (a) L.K.Advani (b) SC Bose  
(c) Rajendra Prasad (d) Abdul Kalam Azad
50. Who wrote the book: The Paradoxical Prime Minister: Narendra Modi and His India-
- (a) Shashi Tharoor (b) Sanjay Baru  
(c) Piyush Goyal (d) Ravi Mantha
51. The ICC has suspended which Indian bowler from bowling in International Cricket?
- (a) Jasprit Bumrah (b) Umesh Yadav  
(c) Ambati Rayudu (d) Mohammed Shami
52. British's Andy Murray announced his retirement from which sport on 11<sup>th</sup> January 2019
- (a) Tennis (b) Cricket  
(c) Football (d) Basketball
53. Thomas Cup is related to-
- (a) Tennis (b) Cricket  
(c) Basketball (d) Badminton
54. Which of the following city is going to host Asian Games 2022?
- (a) New Delhi (b) Tokyo  
(c) Kuala Lumpur (d) Hangzhou
55. Lalremsiami is associated with which of the following sports?
- (a) Boxing (b) Football  
(c) Athletics (d) Hockey

56. Which country won the first Men's Hockey World Cup championship at the 14<sup>th</sup> edition of the Hockey World Cup, held in Bhubaneswar, Odisha from 28<sup>th</sup> November to 16<sup>th</sup> December 2018?
- (a) Belgium (b) France  
(c) Netherland (d) India
57. Who is the winner of India's first Gold Medal at the 2018 Summer Youth Olympics in Buenos Aires?
- (a) Srihari Nataraj (b) Mahuli Ghosh  
(c) Jeremy Lalrinnunga (d) Mannav Thakkar
58. What is the full form of 'CBSE'?
- (a) Common Board of Secondary Education  
(b) Code for Business and Statistical Education  
(c) Central Board of Secondary Education  
(d) Centre for Business and Statistical Environment
59. What is the full form of ATM?
- (a) Air to Missile (b) All Through Market  
(c) Ascii Transmission Method (d) Automated Teller Machine
60. MUP stands for:
- (a) Mizo Upa Pawl (b) Zoram Upa Pawl  
(c) Mizoram Upa Pawl (d) None of these
61. INTERPOL stands for:
- (a) International Criminal Police Organisation (b) International Political Conference  
(c) International Association of Police Officers (d) None of these
62. GST, introduced by Government of India is
- (a) General Surveying Team (b) Geology Surveying Team  
(c) Goods and Services tax (d) General Service in Transport
63. AVBD full form is
- (a) Association of Voluntary Blood Donation (b) Association for Voluntary Blood Donation  
(c) Association with Voluntary Blood Donation (d) None of these
64. Which rainforest is sometimes called as the "lungs of the Earth," and produces about 20 percent of the world's oxygen?
- (a) Nile rainforest (b) Pacific rainforest  
(c) Amazon rainforest (d) Mississippi rainforest
65. Which is called '*Isle of Pearls*'?
- (a) Egypt (b) Iraq  
(c) Iran (d) Bahrain
66. '*Pink City*' is the title assigned to:
- (a) Jaipur (b) Shillong  
(c) Bengaluru (d) Mysore
67. Which is called '*Flower garden of Europe*'?

- (a) Netherlands (b) Switzerland  
(c) USA (d) UK
68. Silicon valley of India is  
(a) Bengaluru (b) Hyderabad  
(c) Gurgaon (d) Jamshedpur
69. Finland is also called  
(a) Land of the midnight sun (b) Land of thousand elephants  
(c) Playground of Europe (d) Land of thousand lakes
70. Gateway of India is  
(a) Delhi (b) Chennai  
(c) Mumbai (d) Kolkata
71. Who was conferred with the 2019 Bharat Ratna award India's highest civilian honor?  
(a) Pranab Mukherjee (b) Manmohan Singh  
(c) P.Chidambaram (d) Raghuram Rajan
72. Who was crowned as Miss India Worldwide 2018 at 27<sup>th</sup> annual global pageant held in the Fords city of New Jersey, United States, on 15<sup>th</sup> December 2018?  
(a) Sakshi Sinha (b) Shree Saini  
(c) Anusha Sareen (d) Roopa Hebbar
73. Who was the first Mizo to win Padma Bhusan Award?  
(a) Capt. LZ Sailo (b) P.S. Chawngthu  
(c) James Dokhuma (d) A. Sawihlira
74. Who was the first recipient of Bharat Ratna?  
(a) Dr. S. Radhakrishnan (b) Jawaharlal Nehru  
(c) Mahatma Gandhi (d) Indira Gandhi
75. Arjuna Award is given to which of the following field?  
(a) Literature (b) Education  
(c) Music (d) Sports
76. Who won Nobel Prize (Peace) in 2018?  
(a) Rodrigo Duterte (b) Nawaz Sharif  
(c) Denis Mukwege, Nadia Murad (d) Donald Trump, Roger Kornberg
77. The Nobel Peace Prize 2018 was awarded jointly to  
(a) Arthur Ashkin and Gerard Maurow (b) James P. Allison and Tasuku Honjo  
(c) Denis Mukwege and Nadia Murad (d) None of these
78. 8<sup>th</sup> Social Entrepreneur of the Year 2018 went to  
(a) Prema Gopalan (b) Dr. Aditi Sen De  
(c) Dr. Nitin Saxena (d) Dr. Amit Agarwal
79. Inventor of Telescope  
(a) William Stanley (b) Hans Lippershey  
(c) Charles Parson (d) Philo Farnsworth
80. Who invented Atoms?

- (a) Casimir funk
  - (b) Cern
  - (c) John Dalton
  - (d) Eli Whitney
- 81. Inventor of Calcium**
- (a) Ray Tomlinson
  - (b) Paul Villard
  - (c) Humphry Davy
  - (d) John Dalton
- 82. Laptop is introduced by**
- (a) Adam Osborne
  - (b) Philo Farnsworth
  - (c) Sir William Ramsay
  - (d) Charles Parson
- 83. Who invented Penicillin?**
- (a) Dresser
  - (b) Louis Pasteur
  - (c) Edward Jenner
  - (d) Alexander Fleming
- 84. Car (petrol) is invented by**
- (a) Nicolas Cugnot
  - (b) Karl Benz
  - (c) John Harrison
  - (d) Edwin T.Holmes
- 85. Ball point pen is invented by**
- (a) Laszio Biro
  - (b) John J. Loud
  - (c) Gyorgy
  - (d) Eberhard Faber
- 86. Paper clip is invented by**
- (a) Johan Vaaler
  - (b) Cornelius J. Brosnan
  - (c) John Ireland Howe
  - (d) Marvin Stone
- 87. America is discovered by**
- (a) Henry the Navigator
  - (b) Christopher Columbus
  - (c) Hernan Cortes
  - (d) Marco Pollo
- 88. Who invented Web?**
- (a) Ted Nelson
  - (b) Tim Berners-Lee
  - (c) Mike Sendall
  - (d) Bill Gates
- 89. Which of the following is a temporary memory?**
- (a) ROM
  - (b) RAM
  - (c) Both A&B
  - (d) None of these
- 90. One Tera byte (1TB) is equal to:**
- (a) 1028 GB
  - (b) 1012 GB
  - (c) 1024 GB
  - (d) 1000 GB
- 91. The printed output from a Computer is called**
- (a) Copy
  - (b) Soft copy
  - (c) Hard Copy
  - (d) Paper
- 92. If a computer provides database services to other, then it will be known as?**
- (a) Web server
  - (b) Application server
  - (c) Database server
  - (d) FTP server
- 93. Who is known as father of Computer?**



- (a) Tim Berners- Lee  
(c) Charles Babbage
- (b) Alan Turing  
(d) None of these
94. WAN stands for:  
(a) Wide Area Network  
(c) Wireless Area Network
- (b) World Area Network  
(d) None of these
95. The resolution of a printer is measured in:  
(a) Dots per pixel  
(c) Inches
- (b) Dots per Inch  
(d) None of these
96. The most popular Desktop Publishing (DTP) software in Mizoram is  
(a) PageMaker  
(c) Microsoft Excel
- (b) Microsoft word  
(d) Window fax & Scan
97. A computer stores information in the  
(a) Read Only Memory (ROM)  
(c) Hard Disk
- (b) Random Access Memory (RAM)  
(d) SD Card
98. You create a new document. You want to copy the texts to other document. After selecting texts on the first document, you have to press a combination of keys on the other document:  
(a) Control key + S and then Control key + C on the other document  
(b) Control key + C and then Control key + P  
(c) Shift key + P and then Alt key + C  
(d) Alt key + C and Alt key + P
99. To print the given document, the keyboard shortcut is  
(a) Shift Key + P  
(c) Control key + P
- (b) Alt key + P  
(d) F1 key
100. Windows is  
(a) A Device Driver  
(c) An Operating System
- (b) Graphic User Interface  
(d) An Application software

**SECTION - B**

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

101. The value of  $30 - 5 \times 2$  of  $3 + (19 - 3) \div 8$  is  
(a) 3  
(c) 2
- (b) 8  
(d) 10
102. What percent of 25 kg is 3.5 kg?  
(a) 14 %  
(c) 10 %
- (b) 12 %  
(d) 5 %
103. The volume of a cube having edge 5 cm is  
(a)  $25 \text{ cm}^3$   
(c)  $100 \text{ cm}^3$
- (b)  $50 \text{ cm}^3$   
(d)  $125 \text{ cm}^3$
104. The sum of two numbers is 27 and their product is 182. Then, the numbers are

- (a) 12 and 15 (b) 13 and 14  
(c) 11 and 16 (d) 8 and 19

**105.** The cost of 5 metres of a particular type of cloth is Rs 210. The cost of 13 metres of the same type of cloth is

- (a) Rs 420 (b) Rs 546  
(c) Rs 630 (d) Rs 800

**106.** Biaka paid Rs 424 for a pair of shoes worth Rs 400. The rate of sales tax is

- (a) 4 % (b) 5 %  
(c) 6 % (d) 8 %

**107.** If  $\frac{2x}{3} + 1 = \frac{7x}{15} + 3$ , then the value of  $x$  is

- (a) 6 (b) 10  
(c) 15 (d) 30

**108.** An aeroplane uses 500 kg of fuel in 10 minutes. How much fuel is needed for one and half hour?

- (a) 4500 kg (b) 4700 kg  
(c) 5000 kg (d) 5100 kg

**109.** The cost of 5 pens and 2 pencils is Rs 85, and the cost of 3 pens and 2 pencils is Rs 55. The cost of 1 pen is

- (a) Rs 20 (b) Rs 18  
(c) Rs 16 (d) Rs 15

**110.** Which one is the sides of a right triangle?

- (a) 2 cm, 3 cm, 4 cm (b) 3 cm, 4 cm, 5 cm  
(c) 4 cm, 5 cm, 6 cm (d) 5 cm, 6 cm, 7 cm

**111.** A and B together can do a piece of work in 10 days, while B alone can finish it in 30 days. In how many days can A alone finish the work?

- (a) 10 days (b) 15 days  
(c) 25 days (d) 30 days

**112.** The class mark of the class 140 – 160 is

- (a) 140 (b) 145  
(c) 150 (d) 160

**113.** The 10th term of the AP 6, 9, 12, ..... is

- (a) 33 (b) 36  
(c) 39 (d) 42

**114.** A card is selected at random from a well shuffled deck of 52 playing cards. The probability of its being a face card is

- (a)  $\frac{9}{13}$  (b)  $\frac{6}{13}$   
(c)  $\frac{4}{13}$  (d)  $\frac{3}{13}$

**115.** Addition of  $3x^2 - 3xy + y^2$ ,  $7x^2 + 4xy - 2y^2$  and  $5x^2 + y^2$  is

(a)  $15x^2 - 3xy + 4y^2$

(b)  $15x^2 - xy + 4y^2$

(c)  $15x^2 + xy$

(d)  $15x^2 - xy$

116. The highest mark obtained by a student in a class is twice the lowest marks plus 7. If the highest score is 87, then the lowest score is

(a) 40

(b) 47

(c) 80

(d) 94

117. In a computer lab, there are 3 computers for every 6 students. The number of computers needed for 24 students is

(a) 6

(b) 9

(c) 12

(d) 15

118. The length of a diagonal of a rectangle whose adjacent sides are 6m and 8m long is

(a) 2m

(b) 10m

(c) 14m

(d) 48m

119. Khuma lent Rs 8,000 to his friend Mawia for 3 years at the rate of 5 % per annum compounded annually. The amount Khuma gets after 3 years is

(a) Rs 8,500

(b) Rs 9,000

(c) Rs 9261

(d) Rs 9861

120. The multiplicative inverse of a rational number  $\frac{x}{y}$  is

(a)  $-\frac{x}{y}$

(b)  $-\frac{y}{x}$

(c)  $\frac{y}{x}$

(d)  $\frac{x}{y}$

121. In a group of 850 people, 600 can speak English and 340 can speak Mizo. Number of people who can speak Mizo only is

(a) 250

(b) 300

(c) 320

(d) 340

122. The square root of  $6\frac{1}{4}$  is

(a)  $\frac{1}{2}$

(b)  $\frac{1}{4}$

(c)  $\frac{5}{4}$

(d)  $\frac{5}{2}$

123. The perimeter of a square is 44 cm. Then the area of the square is

(a)  $44 \text{ cm}^2$

(b)  $88 \text{ cm}^2$

(c)  $121 \text{ cm}^2$

(d)  $176 \text{ cm}^2$

124. Lala bought a book for Rs 600 and sold it for Rs 750, his gain percent is

(a) 40 %

(b) 35 %

(c) 30 %

(d) 25 %

125. Two men starting from the same point walk at the rate of 4 km/hr and 4.5 km/hr respectively. If they walk in opposite directions, then the distance between them after 4 hours is

(a) 34 km

(b) 30 km

(c) 8.5 km

(d) .5 km