

# MIZORAM PUBLIC SERVICE COMMISSION

## GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF UPPER DIVISION CLERK (Contract) UNDER ARCS OFFICE, COOPERATION DEPARTMENT, GOVERNMENT OF MIZORAM, JANUARY, 2020

### 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)*

1. Indian Citizenship to People of which country has not been provided under Citizenship (Amendment) Bill 2019?  
(a) Nepal (b) Pakistan  
(c) Bangladesh (d) Afghanistan
2. Zoliana Royte, who died recently was the former director of:  
(a) Education Dept. (b) Sports and Youth Services Dept.  
(c) Agriculture Dept. (d) I&PR Dept.
3. Human Rights Day is observed on which of the following day?  
(a) 5th December (b) 6th December  
(c) 12th December (d) 10th December
4. Which is the country's best police station according to Central report?  
(a) Campbell Bay Police Station (b) Faraka Police Station  
(c) Aberdeen Police Station (d) Bakani Police Station
5. What is India's rank in Human Development Index-2019?  
(a) 130 (b) 88  
(c) 129 (d) 98
6. Who won the Miss World 2019 title?  
(a) Demi-Leigh (b) Toni Ann Singh  
(c) Zozibini Tunzi (d) Catriona Gray
7. Who won the LPS Youth Icon 2019 title?  
(a) R.Lalsangzuali (b) Lalthlamuanpuii  
(c) Zorempuia (d) Zothanpuii
8. Which state has approved the Disha Bill 2019 paving the way for awarding the death penalty for the offences of rape and gang rape?  
(a) Gujarat (b) Bihar  
(c) Andhra Pradesh (d) Karnataka

9. The Rajya Sabha on december 11, 2019 passed the Citizenship (Amendment) Bill 2019 with:
- (a) 115 in favor and 95 against (b) 121 in favor and 101 against  
(c) 125 in favor and 105 against (d) 128 in favor and 105 against
10. According to the Arms (Amendment) Bill 2019 passed by the Lok Sabha, how many gun/guns can a person keep?
- (a) 1 (b) 2  
(c) 3 (d) 4
11. What is the name of typhoon that recently hit Philipines?
- (a) Frank (b) Kammuri  
(c) Angela (d) Haiyan
12. Sana Marin has been elected as the youngest Prime Minister of which Country?
- (a) Sweden (b) Norway  
(c) Finland (d) Denmark
13. What is 'Frogphone', recently seen in the news?
- (a) A type of music Instrument (b) A solar powered remote survey device  
(c) A robot look like frog (d) A new species of frog
14. The World Health Organisation has decided to celebrate the year 2020 as which year?
- (a) International year for malnutrition eradication  
(b) International Year for campaign against obesity  
(c) International Year to ensure access to life saving medicines  
(d) Year of the nurse and the midwife
15. Who has won the Best Player Award in the 8th Mizoram Premier League (MPL8) which was concluded recently?
- (a) Lalengmawia (b) Alfred Kemah Jaryan  
(c) Isak Vanlalruatfela (d) Richard Kassaga
16. What is the 'Power of Siberia' which was in the news recently?
- (a) Russia's nuclear plant in Siberia  
(b) Global Forum on the Protection of Siberia  
(c) A gas Pipeline  
(d) Siberia based research station to study climate change
17. What is the reason behind the violent unrest in Iran since November 2019 in which more than 180 people have died?
- (a) Increase in personal Income tax rate  
(b) Raising the price of gasoline by the government  
(c) Giving women entry into stadium defying tradition  
(d) Privatization of government undertakings
18. In which state the Hornbill festival started on December 1, 2019 in Kisama?
- (a) Manipur (b) Sikkim  
(c) Nagaland (d) Tripura
19. Who took charge as the new Controller General of Accounts on December 1, 2019?
- (a) Soma Roy Burman (b) Dr. S.C Majumdar  
(c) Dr. Sushil Kumar Trivedi (d) Shri Vinod Vaish

20. What was the theme of World AIDS Day 2019?
- (a) One world, one hope
  - (b) Getting to Zero
  - (c) Stop AIDS-Keep the promise
  - (d) Communities make the differences
21. A military court in which country sentenced President Desi Bouterse to 20 years in prison over the execution of political opponents?
- (a) Rwanda
  - (b) Trinidad-Tobago
  - (c) Suriname
  - (d) Sudan
22. Which of the following won International Press Institute India Award for excellence in Journalism?
- (a) NDTV
  - (b) Aaj Tak
  - (c) ABP News
  - (d) Zee News
23. Which University got the first rank in QS World University Asia Rankings 2020?
- (a) The University of Hongkong
  - (b) Peking University
  - (c) National University of Singapore
  - (d) Korea Advanced Institute of Science & Technology.
24. How much fine will be imposed on the first time offender according to the bill passed for e-cigarettes ban?
- (a) Rs. 1 lakh
  - (b) Rs. 2 lakhs
  - (c) Rs. 3 lakhs
  - (d) Rs. 4 lakhs
25. Who was sworn in as Maharashtra Chief Minister on November 28, 2019?
- (a) Raj Thackeray
  - (b) Ajit Pawar
  - (c) Bhagat Singh Koshiyari
  - (d) Uddhav Thackeray
26. Which party won majority in the UK elections 2019?
- (a) Labour Party
  - (b) Liberal Democrats
  - (c) Conservative Party
  - (d) Scottish National Party
27. Who has been named as the Time's Magazine Person of the Year 2019?
- (a) Abiy Ahmed
  - (b) Greta Thunberg
  - (c) Priyanka Chopra
  - (d) Abhijit Banerjee
28. Every year, International Anti-Corruption Day is celebrated on:
- (a) 7<sup>th</sup> December
  - (b) 9<sup>th</sup> December
  - (c) 26<sup>th</sup> November
  - (d) 1<sup>st</sup> December
29. What is the GDP (Gross Domestic Product) growth of India for the current financial year-FY 20 as per Asian Development Bank?
- (a) 5.5%
  - (b) 5.7%
  - (c) 5.3%
  - (d) 5.1%
30. Lalsangliana, The Best male Athletes in the Mizoram State Games, 2019 belongs to which constituency?
- (a) Aizawl East I
  - (b) Aizawl South II
  - (c) Aizawl South I
  - (d) Aizawl West I

31. Name the state which has been ranked first among 18 large states in the first ever ranking of states on their capacity to deliver justice to citizens?
- (a) Kerala (b) Tamil Nadu  
(c) Maharashtra (d) Haryana
32. Who won the 55<sup>th</sup> Jnanpith Award 2019?
- (a) A.A.Namboothiri (b) PT Narasimhachar  
(c) J.Kaikini (d) Kumar Sinha
33. Which country's king Carl XVI Gustaf and Queen Silvia visited India on December 2019?
- (a) Denmark (b) Norway  
(c) Poland (d) Sweden
34. Which state has become the 4<sup>th</sup> state to have the Inner Line Permit (ILP) regime after Arunachal Pradesh, Nagaland and Mizoram?
- (a) Meghalaya (b) Tripura  
(c) Manipur (d) Assam
35. Which state has emerged as the top ranked state in terms of employability as per the 7th edition of the India Skills Report 2020 for the year 2019-2020?
- (a) Gujarat (b) Kerala  
(c) Maharashtra (d) Telengana
36. Who discovered Solar System?
- (a) Galileo (b) Nicolaus Copernicus  
(c) John Hadley (d) Newton
37. Blood groups were discovered by:
- (a) Morgan (b) Weisman  
(c) William Harvey (d) Karl Lansteiner
38. Who is the inventor of World Wide Web?
- (a) Ted Nelson (b) Mike Sendall  
(c) Bill Gates (d) Tim Berners
39. Who invented Bifocal Lens?
- (a) Alfred Nobel (b) Thomas Alva Edison  
(c) Benjamin Franklin (d) Rudolf Diesel
40. Who invented electric Generator?
- (a) Graham Bell (b) Michael Faraday  
(c) Alfred Nobel (d) Thomas Alva Edison
41. Which of the following is not written by James Dokhuma?
- (a) Mizo Tawng Kalphung (b) Rinawmin  
(c) Hmanlai Mizo Kalphung (d) Ram leh i tan chauh
42. The Gathering Storm is written by:
- (a) Winston Churchill (b) George Washington  
(c) Voltaire (d) Rolland
43. Who is the Author of the book, 'My experiment with Truth'?
- (a) Mahatma Gandhi (b) Nehru  
(c) Hitler (d) Napoleon

44. Booker Prize winning Fiction, 'The Testament' is written by:  
(a) Salman Rushdie (b) Evaristo  
(c) Margaret Atwood (d) Lucy Ellman
45. Which of the following combination of Book-Author is not matched correctly?  
(a) Bible thlirna- JF Laldailova  
(b) Aizawlah Aizawler- Lalhrulaitluanga Ralte  
(c) Rihlipui- Romuanpuii Zadeng  
(d) Zodinpuii- Lalchhantluanga
46. What is the full form of PPP?  
(a) Product Purchase Provides (b) Public Private Partnership  
(c) Purchasing Power Point (d) People's Programme & Priority
47. What is the full form of RADAR?  
(a) Radio Device and Ranging (b) Region Device & Ranging  
(c) Radio Detecting and Ranging (d) Radio Detection and Ranging
48. OSD stands for?  
(a) Officer on Special Duty (b) Officer on Specific Duty  
(c) Official on Special Duty (d) On Special Duty
49. ICU Stands for:  
(a) Internal Care Unit (b) Intensive Care Unit  
(c) Infection Care Unit (d) Individual Care Unit
50. What does 'E' represent in NESO?  
(a) East (b) Eastern  
(c) Education (d) Employment
51. The oldest football tournament in India is:  
(a) Durand Cup (b) I.F.A.Shield  
(c) Rovers Cup (d) Davis Cup
52. The National Award given to the distinguished sportsperson in India is known as:  
(a) Urvashi Award (b) Arjuna Award  
(c) Bharat Ratna Award (d) Nehru Award
53. With what game is 'Ashes' associated?  
(a) Football (b) Hockey  
(c) Cricket (d) Tennis
54. Elisian Medai is associated with which Sports?  
(a) Hockey (b) Badminton  
(c) Boxing (d) Athletics
55. Aizawl East I MLA Constituency has topped the medal tally in the Mizoram State Games, 2019. The Medals won by Aizawl E-I Constituency is:  
(a) 30 Gold, 20 Silver, 17 Bronze (b) 25 Gold, 18 Silver, 16 bronze  
(c) 21 Gold, 10 silver, 18 Bronze (d) 17 Gold, 18 silver, 23 bronze.

- 56.** Monitor of a computer is:
- (a) Input device (b) Output device  
(c) Input/Output device (d) None of these
- 57.** The printed out from a computer is called:
- (a) Hard copy (b) Soft copy  
(c) Paper (d) Floppy
- 58.** PDF stands for:
- (a) Portable Document File (b) Portable Data Format  
(c) Portable Document Format (d) Portable Digital File
- 59.** The word 'O level' stands for:
- (a) Officer level (b) Ordinary level  
(c) Official level (d) Extra-Ordinary level
- 60.** Which of the following is a temporary memory?
- (a) ROM (b) RAM  
(c) Both (a) & (b) (d) Neither (a) nor (b)
- 61.** Firewall in computer is used for:
- (a) Data transmission (b) Authentication  
(c) Monitoring (d) Security
- 62.** Which of the following is not a web browser?
- (a) MOSAIC (b) WWW  
(c) Net Scope navigator (d) Facebook
- 63.** Which key combination is used to minimize all open windows and displays in the screen?
- (a) Alt + M (b) Window key + D  
(c) Shift + M (d) Ctrl + D
- 64.** Where is RAM located?
- (a) Expansion Board (b) External drive  
(c) Mother Board (d) All of above
- 65.** Intersection of columns and rows is called a:
- (a) Cell (b) Data  
(c) Table (d) Schema
- 66.** Oscar Prize is related to:
- (a) Literature (b) Films  
(c) Science (d) Music
- 67.** The highest gallantry Award of Indian Army is:
- (a) Ashoka Chakra (b) Bharat Ratna  
(c) Paramvir Chakra (d) Mahavir Chakra
- 68.** Who among the following is not a recipient of MAL Academy Award?
- (a) Khawlkungi (b) Capt. LZ Sailo  
(c) Darchhawna (d) A.Sawihlira

69. Who was the first recipient of Bharat Ratna?  
(a) Jawaharlal Nehru (b) S.Radhakrishnan  
(c) Mahatma Gandhi (d) Rajendra Prasad
70. Which of the following universities bestowed the prestigious Doctorate degree to the former Chief Minister of Mizoram Shri Lalthanhawla?  
(a) Mizoram University (b) NEHU  
(c) Serampore University (d) Delhi University
71. Which of the following is called 'Site of ancient civilization' ?  
(a) Egypt (b) Iraq  
(c) Iran (d) India
72. Pink city is the title assigned to:  
(a) Shillong (b) Mysore  
(c) Chandigard (d) Jaipur
73. Which is called 'Land of rice and teak' ?  
(a) Myanmar (b) Korea  
(c) China (d) Vietnam
74. Which is called the flower garden of Europe?  
(a) Switzerland (b) The Netherlands  
(c) USA (d) UK
75. Which city is called the 'City of Palaces' ?  
(a) Lahore (b) Patna  
(c) Calcutta (d) Delhi

**SECTION - B**

*(Simple Arithmetic - 25 Marks)*

76. The sum of the first 100 natural numbers is  
(a) 10100 (b) 5500  
(c) 5050 (d) 5000
77. If  $(x + 1)$  is a factor of the polynomial  $(2x^2 + kx)$ , then the value of k is:  
(a) 2 (b) - 2  
(c) - 3 (d) 4
78. 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
79. Zawma crosses a path 600 m long in 5 minutes. His speed in km/h is  
(a) 7.2 (b) 12  
(c) 8.2 (d) 10

80. A speed of 15 m/s is equal to:  
(a) 75 km/h (b) 54 km/h  
(c) 45 km/h (d) 60 km/h
81. The diameter of the wheel of a car is 80 cm. In 25 full revolutions of the wheel, the car will move  
(a) 6280cm (b) 20096 cm  
(c) 5024 cm (d) 1256 cm
82. The area of an equilateral triangle whose sides are 8 cm is  
(a)  $8\sqrt{3} \text{ cm}^2$  (b)  $4\sqrt{3} \text{ cm}^2$   
(c)  $24\sqrt{3} \text{ cm}^2$  (d)  $16\sqrt{3} \text{ cm}^2$
83. The discriminant of a quadratic equation is 0, then the equation has  
(a) no real roots (b) two unequal roots  
(c) two equal roots (d) all of the above.
84. A shot was heard 3 seconds after it was fired. If the speed of sound in air is taken to be 332 m/s, how far away was the shot fired?  
(a) 550 m (b) 990 m  
(c) 996 m (d) 110.67 m
85. A train running at a speed of 90 km/h passes a pole on the platform in 12 seconds. The length of the train, in metres is  
(a) 200 (b) 300  
(c) 325 (d) 250
86. The area of an equilateral triangle whose sides are 4 cm is  
(a)  $8\sqrt{3} \text{ cm}^2$  (b)  $4\sqrt{3} \text{ cm}^2$   
(c)  $24\sqrt{3} \text{ cm}^2$  (d)  $16\sqrt{3} \text{ cm}^2$
87. The ratio between two numbers is 5 : 6. If 5 is subtracted from each number, the ratio becomes 4 : 5. The numbers are:  
(a) 9, 10 (b) 50, 60  
(c) 25, 30 (d) 30, 36
88. If  $(x^{101} + 101)$  is divided by  $(x + 1)$ , the remainder is:  
(a) 101 (b) 100  
(c) 99 (d) 0
89. The roots of the equation  $x^2 + px + q = 0$  are equal if :  
(a)  $p^2 = 4q$  (b)  $p^2 = -4q$   
(c)  $p^2 = 2q$  (d)  $p^2 = -2q$
90. If the common difference of an AP is 3, then what is  $a_{14} - a_8$  ?  
(a) 6 (b) 3  
(c) 18 (d) 20
91. In an AP, if  $a = 1$ ,  $a_n = 20$  and  $S_n = 399$ , then n is  
(a) 17 (b) 21  
(c) 42 (d) 38



92. In a group of 70 people, 50 people speak French, 20 speak Spanish and 10 speak both Spanish and French. How many speak at least one of these languages?  
(a) 10 (b) 20  
(c) 50 (d) 60
93. The LCM of  $24(x^3 - x^2 - 6x)$  and  $6(2x^4 + 5x^3 + 2x^2)$  is:  
(a)  $6x(x+2)(x-3)$  (b)  $24x(x+2)(x-3)$   
(c)  $24x^2(x+2)(x-3)(2x+1)$  (d)  $6x^2(x+2)(x-3)(2x+1)$
94. The additive inverse of  $\frac{x-5}{x+7}$  is:  
(a)  $\frac{-(x-5)}{(x+7)}$  (b)  $\frac{-(x+5)}{x+7}$   
(c)  $\frac{x-7}{x+5}$  (d)  $\frac{x+5}{x=7}$
95.  $\ddot{0}10 \times \ddot{0}15$  is equal to:  
(a) 5 $\ddot{0}$ 6 (b) 6 $\ddot{0}$ 5  
(c)  $\ddot{0}25$  (d) 10 $\ddot{0}$ 3
96. The marks obtained by 20 students in a Mathematics test (out of 100) are given below:  
99, 36, 91, 82, 100, 96, 100, 65, 76, 82, 90, 46, 72, 64, 66, 68, 49, 48, 79, 55. The range of the data is:  
(a) 36 (b) 64  
(c) 54 (d) 100
97. In a cylinder, if radius is halved and height is doubled, the volume will be:  
(a) same (b) halved  
(c) doubled (d) four times
98. The weight of 12 sheets of thick paper is 40g. How many sheets of the same paper would weigh 2.5 kg?  
(a) 100 (b) 750  
(c) 830 (d) 480
99. A right circular cylinder of radius  $r$  cm and height  $h$  cm ( $h > 2r$ ) just encloses a sphere of diameter:  
(a)  $r$  cm (b)  $h$  cm  
(c)  $2h$  cm (d)  $2r$  cm
100. You paid ₹424 for a pair of shoes worth ₹400. What is the rate of ST charged?  
(a) 4% (b) 5%  
(c) 6% (d) 8%