

# MIZORAM PUBLIC SERVICE COMMISSION

## GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF U.D.C. (CONTRACT ) UNDER ENVIRONMENT, FOREST & CLIMATE CHANGE DEPARTMENT, FEBRUARY, 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)*

1. Writer of MAL Book of the Year 2016, "Aizawlah Aizawler" is
  - (a) C.Lalnunchanga
  - (b) B.Lalhriattira
  - (c) Lalpekkima
  - (d) Lalhruaitluanga Chawngte
2. The only female member in the current Mizoram State Legislative Assembly is
  - (a) Lalhlimpuii
  - (b) Lalmalsawmi
  - (c) Vanlalawmpuii
  - (d) B.Sangkhumi
3. Out of 156 players selected for the Hero Indian Super League (ISL) 2017, how many players are selected from Mizoram?
  - (a) 16
  - (b) 18
  - (c) 20
  - (d) 22
4. India's first smart tribal village Habbi has been inaugurated in which state on March 2017?
  - (a) Bihar
  - (b) Jammu & Kashmir
  - (c) Himachal Pradesh
  - (d) Madhya Pradesh
5. The agency which raids over 100 shell companies across the country on 1<sup>st</sup> April 2017
  - (a) CBI
  - (b) NSG
  - (c) SEBI
  - (d) Enforcement Directorate
6. What is the theme of 2017's National Science Day?
  - (a) Science for Nation Building
  - (b) Science & Technology for Specially Abled Person
  - (c) Technology and Innovation
  - (d) Scientific issues for Development of the Nation
7. Which rivers are recently granted a living entity with the status of a legal person by the Uttarakhand High Court?
  - (a) Indus and Brahmaputra
  - (b) Ganga and Yamuna
  - (c) Kauvery and Sabarmati
  - (d) Godavari and Kosi

8. Which financial year is the last year of implementation of the old-five-year plan in India?  
(a) 2014-15 (b) 2015-16  
(c) 2016-17 (d) 2017-18
9. India's largest public Wi-Fi service has been launched recently in which state?  
(a) Karnataka (b) Uttar Pradesh  
(c) New Delhi (d) Maharastra
10. The state that has recently introduced transgender category in its Board Examination  
(a) Bihar (b) Punjab  
(c) Kerala (d) Haryana
11. India's biggest tax reform since Independence, 'Goods and Service Tax' comes into force on  
(a) 1<sup>st</sup> February 2017 (b) 1<sup>st</sup> June 2017  
(c) 1<sup>st</sup> July 2017 (d) 1<sup>st</sup> August 2017
12. The present Chief Election Commissioner of India  
(a) Achal Kumar Jyoti (b) Nasim Zaidi  
(c) C.Chandramouli (d) VS Sampath
13. What is the name of the mobile application recently launched by Pranab Mukherjee that aims at raising awareness about female foeticide and sex selection?  
(a) My Girl My Child (b) Selfie With Daughter  
(c) Empower Her (d) Educate Your Girls
14. Which Indian city has become the first city to be declared as a World Heritage City by UNESCO?  
(a) Jaipur (b) Hyderabad  
(c) Kochi (d) Ahmedabad
15. The name of the world's oldest serving aircraft carrier also known as the "Grand Old Lady" that was decommissioned by the Indian Navy on 6<sup>th</sup> March, 2017  
(a) INS Vikramaditya (b) INS Sindhughost  
(c) INS Viraat (d) INS Visakhapatnam
16. What is the highest grossing Indian film ever?  
(a) Baahubali 2: The Conclusion (b) PK  
(c) Bajrangi Bhaijaan (d) Dangal
17. According to the Swachh Survekshan report 2017 conducted in 434 cities, India's top three cleanest cities in chronological order is  
(a) Indore, Bhopal and Surat (b) Indore, Bhopal and Visakhapatnam  
(c) Bhopal, Indore and Vishakapatnam (d) Bhopal, Indore and Surat
18. Which state government announced Free Education For Girls from Nursery to PhD in government institutions?  
(a) Delhi (b) Sikkim  
(c) Kerala (d) Punjab
19. The position of India in the Human Development Report published on March 2017 is  
(a) 130<sup>th</sup> Positon (b) 133<sup>rd</sup> Position  
(c) 131<sup>st</sup> Position (d) 135<sup>th</sup> Position

20. What is the theme of the World Cancer Day 2017?  
(a) We Can, I Can (b) Come Together it is Possible  
(c) Together, we win (d) We are all but one
21. Doklam area which occupies world news for more than two months is part of which country?  
(a) China (b) Bhutan  
(c) India (d) North Korea
22. When do we celebrate World Day against Child Labour?  
(a) 12 June (b) 21 June  
(c) 15 July (d) 11 August
23. Emmanuel Macron is the Prime Minister of which country?  
(a) France (b) South Korea  
(c) Brazil (d) None of these
24. The country that is going to establish the World's first ever data embassy in 2018 is  
(a) Japan (b) Finland  
(c) Estonia (d) Germany
25. The country that successfully hosted the 12<sup>th</sup> edition of G20 Summit is  
(a) Russia (b) France  
(c) Italy (d) Germany
26. The name of a scientific expedition for 'Zealandia', the lost continent in which a group of Scientists set sail on 28<sup>th</sup> July 2017  
(a) Expedition 171 (b) Expedition 271  
(c) Expedition 371 (d) Expedition 471
27. Which country has decided to switch off its FM radio network and completely convert to digital signals?  
(a) Norway (b) Switzerland  
(c) Sweden (d) Japan
28. Unveiled for the first time on May 2017, what is the name of a massive airplane constructed by Microsoft co-founder Paul Allen?  
(a) J-20 (b) Spacelander  
(c) Stratolaunch (d) Airbus-480
29. On 17<sup>th</sup> February 2017, which country's Senate passes Hindu Marriage Bill, 2017?  
(a) India (b) Pakistan  
(c) Sri Lanka (d) USA
30. Name the country that preserves a "Global Seed Vault" in the Arctic region of Svalbard that stores seeds from 5,000 crop species around the world?  
(a) Sweden (b) Denmark  
(c) Norway (d) Switzerland
31. Writer of the famous book, "The Innocents Abroad"?  
(a) Mark Twain (b) Penelope Leach  
(c) Lewis Wallace (d) George Orwell

32. Who wrote the book “The Precepts of Jesus, the guide to Peace and Happiness?”  
(a) Raja Ram Mohan Roy (b) Radhakanta Dev  
(c) Sir William Jones (d) Charles Wilkins
33. Who is the Author of the famous book “ Revolution 2020”?  
(a) Vikram Seth (b) Chetan Bhagat  
(c) VS Naipaul (d) APJ Abdul Kalam
34. Writer of the book “Gulliver’s Travels”  
(a) Lewiss Caroll (b) Lewis Wallace  
(c) Jonathan Swift (d) Robert Louis
35. A famous book ‘India a vision for 2020’ was written by  
(a) Manmohan singh (b) Khuswant singh  
(c) K.Radakrishnan (d) APJ Abdul Kalam
36. The lawyer who represents the case of Kulbhushan Jadhav at the International Court of Justice (ICJ) in the Hague is  
(a) Shashi Bhusan (b) Gopal Subramaniam  
(c) Harish Salve (d) Mukul Rohatgi
37. Liu Xiaobo, a Nobel Peace Prize laureate who passed away recently belongs to which country?  
(a) Hong Kong (b) China  
(c) Taiwan (d) Japan
38. Who is the brand ambassador for promoting GST in India?  
(a) Amitabh Bachchan (b) Shah Rukh Khan  
(c) Aamir Khan (d) Priyanka Chopra
39. What is the nationality of Dr Ruth Pfau, popularly known as ‘Mother Teresa of Pakistan’ for dedicating her life to eradicate leprosy in Pakistan?  
(a) USA (b) France  
(c) Germany (d) England
40. Who is the new Attorney General of India?  
(a) Mukul Rohatgi (b) Venkaiah Naidu  
(c) Soli Sorabjee (d) KK Venugopal
41. Which Indian state became the first to win all major domestic BCCI tournaments in a year?  
(a) Kerala (b) Maharastra  
(c) Andra Pradesh (d) Tamil Nadu
42. The first ever European football club to win back-to-back UEFA Champions League titles on 3<sup>rd</sup> June 2017  
(a) Barcelona (b) Bayer Munich  
(c) Juventus (d) Real Madrid
43. Who among the following became the first visually impaired Indian runner to complete the historic Boston Marathon?  
(a) Nachiket Desai (b) Sagar Baheti  
(c) Ved Pandit (d) Utkarsh Maniar

44. Winner of 'Sportsman of the Year' award at the 2017 Laurels World Awards  
(a) Usain Bolt (b) Lionel Messi  
(c) Novak Djokovic (d) Cristiano Ronaldo
45. Summer Olympic 2020 will be held at  
(a) Beijing (b) Tokyo  
(c) New Delhi (d) Vancouver
46. The long form of THAAD, a missile defense system of the US  
(a) Terminal Higher Altitude Area Defence (b) Terminal High Altitude Area Defence  
(c) Trinity High Altitude Area Defence (d) Total High Altitude Area Defence
47. What does the term BPO stands for?  
(a) Business Point Optimum (b) Below Poverty Order  
(c) Business Plan Optimum (d) Business Process Outsourcing
48. Expand the term, "BRICS"  
(a) Border Roads Institute of Comprehensive Studies  
(b) Bay of Bengal Institute of Research & Communication Service  
(c) Brazil, Russia, India, China & S.Africa  
(d) Bengal Roads Initiative Corporations
49. What is the 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
50. What is the full form of L.L.B?  
(a) Law Legume Bachelore (b) Legum Law Bachelore  
(c) Legum Baccalareous (d) Law Baccalareous Legume
51. Scotland is also known as  
(a) Land of Cakes (b) Land of Golden Fleece  
(c) Land of Maple (d) Land of Morning Calm
52. Which of the following is also known as the 'Great Circle'?  
(a) Tropic of Cancer (b) Tropic of Capricorn  
(c) Equator (d) Pacific Ring of Fire
53. Which state is popularly known as the 'Apple Kingdom of India'?  
(a) Haryana (b) Himachal Pradesh  
(c) Gujarat (d) Maharastra
54. "Playground of Europe" refers to  
(a) Norway (b) Switzerland  
(c) Romania (d) Sweden
55. A country popularly known as 'Land of the rising sun' is  
(a) Japan (b) South Korea  
(c) Thailand (d) Bhutan

56. The Ramon Magsaysay Award regarded as Asia's version of the Nobel Prize is named after the president of which country?
- (a) Thailand (b) Malaysia  
(c) Cambodia (d) Phillipine
57. Winner of 2017 Pulitzer Prize in fiction is
- (a) Viet Thanh Nguyen (b) Anthony Doerr  
(c) Colson Whitehead (d) Donna Tartt
58. Who has been crowned as the Miss Universe 2017?
- (a) Iris Mittenaere (b) Andrea Tovar  
(c) Roshmitha Harimurthy (d) Raquel Pelissier
59. Who is the first Asian Winner of Nobel Prize?
- (a) Rajiv Gandhi (b) Mother Teresa  
(c) C. V. Raman (d) Rabindranath Tagore
60. What is the highest Peacetime Gallantry Award of India?
- (a) Nishan-i-Haider (b) Ashok Chakra Award  
(c) Param Vir Chakra (d) Kirti Chakra
61. Who invented X-ray?
- (a) PT Farnsworth (b) Hans Lippershey  
(c) G Marconi (d) WK Roentgen
62. Inventor of Radio
- (a) Gobot Sebastian (b) AH Taylor  
(c) GMarconi (d) PT Farnsworth
63. Penicillin was invented by
- (a) Christian Bernard (b) Alexander Fleming  
(c) Mc Collum (d) William Harvey
64. Who invented Telescope?
- (a) PT Farnsworth (b) Hans Lippershey  
(c) G Marconi (d) WK Roentgen
65. Inventor of ATM machines
- (a) Shepherd- Barron (b) Giovanni Batista  
(c) AH Taylor (d) Roger Bacon
66. The brain of any computer system is
- (a) Control Unit (b) Monitor  
(c) CPU (d) ALU
67. In a computer, the parity bit is added for the purpose of
- (a) Coding (b) Error detection  
(c) Controlling (d) Indexing
68. Pressing the computer's power button once to turn it off and then again to turn it back on is called
- (a) Cold booting (b) Logging off  
(c) Shut down (d) Warm booting

69. Web pages are written using  
(a) HTTP (b) HTML  
(c) FTP (d) URL
70. In cyber law terminology, 'DOS' means  
(a) Distant Operator Survive (b) Decimal Operating Station  
(c) Disc Operating System (d) Denial of Service
71. Select the odd one out  
(a) Google (b) Yahoo  
(c) Skype (d) Bing
72. DNS in a computer refers to  
(a) Digital Network Service (b) Data Number Sequence  
(c) Domain Name System (d) Disk Numbering System
73. One Gigabyte is approximately equal to  
(a) 1000,000 bytes (b) 1000,000,000 bytes  
(c) 1000,000,000,000 bytes (d) 1000,000,000,000,000 bytes
74. Which of the following is not an example of Operating System?  
(a) Red Hat Linux (b) Windows 98  
(c) BSD Unix (d) Microsoft Office XP
75. UNIVAC & ENIAC are an example of  
(a) First generation computer (b) Second generation computer  
(c) Third generation computer (d) Fourth generation computer

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

76. If  $1\frac{2}{3} \div \frac{2}{7} \times \frac{x}{7} = 1\frac{1}{4} \times \frac{2}{3} \div \frac{1}{6}$ , then find the value of 'x'  
(a) 6 (b)  $\frac{1}{7}$   
(c)  $\frac{1}{6}$  (d) 7
77. What is the least number to be multiplied with 294 to make it a perfect square?  
(a) 2 (b) 3  
(c) 6 (d) 7
78. 60 kg is what per cent of 240 kg?  
(a) 10% (b) 15%  
(c) 20% (d) 25%
79. A toy is bought for Rs.150 and sold at a gain of 8%. Find its selling price  
(a) Rs.163.50 (b) Rs.162  
(c) Rs.161 (d) Rs.160.50

80. Some pencils bought at 5 for Rs.10 and sold at 6 for Rs.15. What is the gain per cent?
- (a) 25% (b) 28%  
(c) 48% (d) 50%
81. If an electricity bill is paid before due date, one gets a reduction of 4% on the amount of the bill. By paying the bill before due date, a person got a reduction of Rs.16. The amount of his electricity was
- (a) Rs.300 (b) Rs.400  
(c) Rs.500 (d) Rs.600
82. Two successive discounts of 20% and 5% are equivalent to a single discount of
- (a) 22% (b) 23%  
(c) 24% (d) 24.5%
83. A sum of money becomes four times in 20 years at Simple Interest. Then the rate of interest per annum is
- (a) 12% (b) 15%  
(c) 16% (d) 19%
84. The difference between Compound Interest and Simple Interest for 2 years at the rate of 5% per annum is Rs.5, then the sum is
- (a) Rs.2000 (b) Rs.1500  
(c) Rs.1000 (d) Rs.900
85. What will be the principal, if the rate of 5% per annum can yield Rs.410 as Compound Interest in 2 years?
- (a) Rs.500 (b) Rs.1500  
(c) Rs.4000 (d) Rs.7000
86. The cost price of a machine is Rs.10000. If its price decreases 10% every year, then what will be the cost of machine after 3 years?
- (a) Rs.1000 (b) Rs.5000  
(c) Rs.6500 (d) Rs.7290
87. 5 pens and 2 pencils together cost Rs.34 and 3 pens and 2 pencils cost Rs.22. Find the cost of 2 pens
- (a) Rs.2 (b) Rs.3  
(c) Rs.6 (d) Rs.12
88. If  $a : b = 2 : 3$ ,  $b : c = 3 : 4$ , the  $a : b : c$  is equal to
- (a) 2 : 3 : 4 (b) 4 : 3 : 2  
(c) 1 : 2 : 3 (d) 3 : 2 : 1
89. The price of a table is Rs.5300 inclusive of sales tax. If the rate of sales tax is 6%, then the basic price of the table is
- (a) Rs.5000 (b) Rs.4982  
(c) Rs.4600 (d) Rs.1500
90. If Liana travels at a speed of 60 km/hour and covers a distance in 9 hours, then how much time will he take to travel the same distance at a speed of 90 km/hour?
- (a) 4 hour (b) 5 hour  
(c) 6 hour (d) 7 hour

91. A and B together can do a piece of work in 12 days while B alone can finish it in 30 days. A alone can finish the work in  
(a) 15 days (b) 20 days  
(c) 21 days (d) 22 days
92. A man and a boy received Rs.1400 as wages for 10 days for the work they did together. The man efficiency in the work was six times that of the boy. What is the daily wages of the boy?  
(a) Rs.5 (b) Rs.20  
(c) Rs.22 (d) Rs.25
93. A pocket transistor is sold for Rs.220 cash or for Rs.100 cash down payment followed by Rs.125 after a month. Find the rate of interest charged under the instalment plan.  
(a) 20% (b) 25%  
(c) 50% (d) 55%
94. Which one is correct?  
(a)  $\frac{4}{5} > \frac{5}{6} > \frac{6}{7}$  (b)  $\frac{5}{6} > \frac{6}{7} > \frac{4}{5}$   
(c)  $\frac{6}{7} > \frac{4}{5} > \frac{5}{6}$  (d)  $\frac{6}{7} > \frac{5}{6} > \frac{4}{5}$
95. Find the quantity of  $x$ , if 15% of  $x$  is Rs.75  
(a) Rs.300 (b) Rs.350  
(c) Rs.500 (d) Rs.550
96. If Rs.105 is divided among X and Y in the ratio 2 : 5, then Y's share is  
(a) Rs.45 (b) Rs.55  
(c) Rs.75 (d) Rs.85
97. An invoice of Rs.2500 has the following terms :  
cash4,  $\frac{2}{10}$ ,  $\frac{1}{20}$ ,  $\frac{n}{30}$ .  
Find the discount if the payment is made on the 4th day  
(a) Rs.50 (b) Rs.60  
(c) Rs.100 (d) Rs.300
98. A car uses 4 litres of petrol to travel a distance of 80 km. How far will it travel using 25litres?  
(a) 250 km (b) 300 km  
(c) 330 km (d) 500 km
99. If the SP of 10 articles is the same as the CP of 11 articles. Then the gain per cent is  
(a) 10% (b) 13%  
(c) 13.5% (d) 17%
100. Agriculture department supplied potato seeds to farmers at a subsidy of 60%. If one kg of potato seeds costs Rs.3 for a farmer, calculate the price of potato seeds per kg in the open market without subsidy.  
(a) Rs.5 (b) Rs.10  
(c) Rs.15 (c) Rs.20