

# MIZORAM PUBLIC SERVICE COMMISSION

## GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF U.D.C. UNDER HEALTH & FAMILY WELFARE DEPARTMENT AND COOPERATION DEPARTMENT OCTOBER, 2014

### 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. How many States are there in India Union after the birth of Telangana State?  
(a) 29 (b) 28  
(c) 27 (d) 26
2. In which MADC Constituency did the Chakma NGOs boycott the MDC by-election, held on 4<sup>th</sup> June 2014?  
(a) Borapansury-IV (b) Borapansury-III  
(c) Borapansury-II (d) Boropansury-I
3. The Parliament of U.S.A is  
(a) Nation Assembly (b) Congress  
(c) The Knesset (d) People Assembly
4. Which of the following is the currency of Russia?  
(a) Franc (b) Peso  
(c) Ruble (d) Suere
5. The Supreme Court of India recognises transgender as the  
(a) First category of sex (b) Second category of sex  
(c) Third category of sex (d) Fourth category of sex
6. The world's Highest Tunnel is in  
(a) India (b) China  
(c) Russia (d) France
7. Which country was suspended by the G-8 nations from the exclusive Club of World Powers over its incursion in Ukraine?  
(a) Poland (b) Germany  
(c) France (d) Russia

8. To allow men to marry as many women as they want, Kenya's Parliament Legalised
- (a) Polygamy (b) Monogamy  
(c) Polyandry (d) Endogamy
9. The U.K. plans to enact a new law, 'Cinderella law' to protect \_\_\_\_\_ against emotional cruelty
- (a) Men (b) Women  
(c) Girls (d) Children
10. Which of the following is India's largest trading partner in the world?
- (a) China (b) U.A.E.  
(c) U.S.A. (d) Italy
11. Which of the following Planets is nearest to the Earth?
- (a) Mercury (b) Venus  
(c) Mars (d) Jupiter
12. Which of the following is the longest dam in the world?
- (a) Bhakra Nangal Dam (b) Nagarjunasagar Dam  
(c) Hirakud Dam (d) Tungabhadra Dam
13. The largest tribe in India is
- (a) Garos (b) Tundas  
(c) Chenchus (d) Gonds
14. Which is the headquarters of the State Bank of India?
- (a) Mumbai (b) Delhi  
(c) Kolkota (d) Chennai
15. The Malaria parasite responsible for malignant malaria is
- (a) Plasmodium malariae (b) Plasmodium vivax  
(c) Plasmodium ovale (d) Plasmodium falciparum
16. Which country's court recently ordered its former Prime Minister to do a year of community service in an old person's home in a symbolic but humiliating punishment for tax fraud?
- (a) Thailand (b) Egypt  
(c) Italy (d) France
17. A popular new product called "Nirbheek" launched on 25<sup>th</sup> March 2014, which was especially designed for women is a
- (a) Lipstick (b) Spray  
(c) Revolver (d) Make-up kit
18. When is World Population Day celebrated?
- (a) 11<sup>th</sup> March (b) 11<sup>th</sup> June  
(c) 11<sup>th</sup> April (d) 11<sup>th</sup> July
19. According to the list compiled by Fortune Magazine on March 20, 2014, who among the following tops the list of the World's 50 Greatest Leaders?
- (a) Dalai Lama (b) Warren Buffet  
(c) Pope Francis (d) Barak Obama

20. The name of the Indian girl aged 13yrs who scaled Mt. Everest on May 2014 becoming the youngest girl to scale Mt. Everest in the world
- (a) Meena Kaur (b) Maneka Sonja  
(c) Malavath Poorna (d) Jordan Romero
21. "With you all the way" is the marketing slogan of which Institution in India?
- (a) HSBC (b) SBI  
(c) HDFC (d) ICICI
22. According to a World Bank Report published on April 2014, which country tops Global Remittances at \$70 billion?
- (a) China (b) India  
(c) Mexico (d) USA
23. "Faster, sustainable and more inclusive growth" has been the main objective of
- (a) Tenth Five Year Plan (b) Eleventh Five Year Plan  
(c) Twelfth Five Year Plan (d) Thirteenth Five Year Plan
24. In which country is the Boko Haram Islamists outfit active in carrying out terrorist attack?
- (a) Nigeria (b) Somalia  
(c) Libya (d) Ukraine
25. The institution that signed a loan agreement worth \$1006.20 Million with the Government of India for Sarva Shiksha Abhiyan III (SSA-III)?
- (a) World Bank (b) Asian Development Bank  
(c) IMF (d) BRICS Bank
26. Many a time we read in the newspapers about the "Doha Round" of talks. It is related to the talks of which of the following organizations?
- (a) European Union (b) World Trade Organisation  
(c) G-8 (d) None of these
27. Who is the chairman of the recently re-constituted Special Investigation Team (SIT) to monitor the probe into the black money case in India?
- (a) Justice R.M.Lodha (b) Justice D.K.Jain  
(c) Justice M.B.Shah (d) Justice S.H.Kapadia
28. Reserve Bank of India (RBI) on 3<sup>rd</sup> March, 2014 extended the date for exchange of the pre-2005 banknotes to
- (a) 31<sup>st</sup> March, 2015 (b) 1<sup>st</sup> January, 2015  
(c) 1<sup>st</sup> April, 2015 (d) 1<sup>st</sup> December, 2014
29. Who topped Forbes annual list of Most Powerful Women 2014 in the world?
- (a) Dilma Rousseff (b) Park-Geun Hye  
(c) Angela Merkel (d) Hillary Clinton
30. Union Rural Development Minister who died in a road accident in Delhi on 3<sup>rd</sup> June 2014
- (a) Sadananda Gowda (b) Sujatha Singh  
(c) Smriti Irani (d) Gopinath Munde
31. Writer of "Thinglubul", winner of MAL Book of The Year 2013 is
- (a) Lalrammawia Ngente (b) Lalpekkima  
(c) Romuanpuii Zadeng (d) Lallawmpuia

32. Who among the following is the author of the book “Mitthi Privatise”?
- (a) T.Vanlaltlani (b) C.Lalnunchanga  
(c) Vanramchhuangi (d) R.V.Lalnunmawia
33. Who wrote the famous book titled, “What Young India Wants”?
- (a) A.P.J.Abdul Kalam (b) Khushwant Singh  
(c) Chetan Bhagat (d) V.S.Naipaul
34. Name the great personality whose autobiography is titled ‘The Story of My Experiments with Truth’?
- (a) Rosa Park (b) Martin Luther King Jr  
(c) Nelson Mandela (d) Mahatma Gandhi
35. The famous novel ‘Pride and Prejudice’ was written by
- (a) George Eliot (b) Jane Austen  
(c) Leo Tolstoy (d) Charles Dickens
36. Who won the Miss Mizoram title of 2014 in the Miss Mizoram Contest, 2014?
- (a) C.Vanlalmalsawmi (b) H.Lalchhanhimi  
(c) Zodinhlui (d) Biti Soren
37. Who is the speaker of the 16<sup>th</sup> Lok Sabha?
- (a) Sumitra Mahajan (b) V.D.Mahajan  
(c) Sushma Swaraj (d) Meira Kumar
38. Who is the newly appointed Chief of Army Staff of India?
- (a) V.K.Singh (b) V.K.Malhotra  
(c) Dalbir Singh Suhag (d) R.K.Raghavan
39. Who is the Finance Minister of India?
- (a) Rajnath Singh (b) Nitin Gadkari  
(c) Arun Jaitley (d) Harsh Vardhan
40. The first Chief Minister of the state of Telangana
- (a) Jagan Mohan Reddy (b) Chandrababu Naidu  
(c) M.Karunanidhi (d) K.Chandrasekhar Rao
41. Winner of the seventh edition of Indian Premier League 2014.
- (a) Kolkatta Knight Riders (b) Mumbai Indians  
(c) Delhi Dare devils (d) Chennai Super Kings
42. In the women’s 58kg Class of the Asian Wrestling championship at Astana, Kazakhstan, Pooja Dhandha bagged
- (a) Gold medal (b) Silver medal  
(c) Bronze medal (d) None of these
43. The winners of French Open 2014 are
- (a) Rafael Nadal & Maria Sharapova (b) Rafael Nadal & Serena Williams  
(c) Novak Djokovic & Sam Stosur (d) Novak Djokovic & Li Na
44. The name of the football used in FIFA World Cup 2014 at Brazil
- (a) Jabulani (b) Brazuca  
(c) Tango 12 (d) Torfabrik

45. Who won Laureus World Sportsman of the Year Award at a ceremony in Kuala Lumpur, Malaysia on March 26, 2014?
- (a) Rafael Nadal (b) Cristiano Ronaldo  
(c) Sebastian Vettel (d) Usain Bolt
46. Full form of SDRs
- (a) Software Define Radio (b) Simple Divide Rules  
(c) Sub-Divisional Registrars (d) Special Drawing Rights
47. What is the full form of AAI?
- (a) Association of Air India (b) Airports Authority of India  
(c) Airport Agents of India (d) All India Akali-dal
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. ATM means
- (a) Action Taken Machine (b) Air Traffic Machine  
(c) Automated Teller Machine (d) Anti-Tank Missile
50. Full form of BEL
- (a) Bharat Electrical Ltd (b) Belgium, England and Luxembourg  
(c) Bharat Energy Ltd (d) Bharat Electronics Limited
51. The 'Pamirs' are popularly known as
- (a) Pillars of the Earth (b) Playground of Europe  
(c) Roof of the World (d) Pearl of the Antilles
52. The movement of the Earth with its own axis from west to east is called
- (a) Rotation (b) Revolution  
(c) Wave (d) Current
53. Which state is popularly known as the 'Apple Kingdom' of India?
- (a) Haryana (b) Himachal Pradesh  
(c) Gujarat (d) Maharastra
54. The cool current of air that moves from the sea to take the place of the rising hot air over the land is called
- (a) Land Breeze (b) Ocean Breeze  
(c) River Breeze (d) Sea Breeze
55. A country also known as 'Gift of the Nile'
- (a) South Africa (b) Ethiopia  
(c) Saudia Arabia (d) Egypt
56. Who was awarded Padma Shri in Education and Literature in 2013?
- (a) Pu J.Malsawma (b) Pu Lalthangfala Sailo  
(c) Pu B.Lalthangliana (d) Pu R.Lallianzuala

57. The second highest Civilian Award in India is  
(a) Bharat Ratna (b) Padma Bhushan  
(c) Vir Chakra (d) Padma Vibhushan
58. Indian environment activist Mr. Ramesh Agrawal won the prestigious Goldman Environmental Prize known as  
(a) Green Nobel (b) Red Nobel  
(c) Yellow Nobel (d) White Nobel
59. The name of the Prize recently awarded to Chandi Prasad Bhatt, a noted environmentalist  
(a) Gandhi Peace Prize (b) Dada Saheb Phalke  
(c) Young India Award (d) Global Earth Award
60. Who became the first Indian to receive the prestigious Harvard Medal on 29<sup>th</sup> May, 2014?  
(a) Ratan Tata (b) Anand G Mahindra  
(c) Bobi Jindal (d) Aamir Khan
61. In 1643, an Italian named Evangelista Torricelli invented  
(a) Thermometer (b) Barometer  
(c) Ritcher Scale (d) Bar Codes
62. The first person to reach (discover) the North Pole  
(a) Amundsen (b) Tasman  
(c) Robert Peary (d) John Cabot
63. Who invented telephone?  
(a) Alexander Graham Bell (b) Roger Bacon  
(c) Shepherd-Barron (d) A.H.Taylor
64. Penicillin was invented by  
(a) Christian Bernard (b) Alexander Fleming  
(c) Mc Collum (d) William Harvey
65. An Israeli start-up created a prototype of a smart phone battery that can recharge in less than  
(a) 10 seconds (b) 15 seconds  
(c) 25 seconds (d) 30 seconds
66. The difference between people with access to computers and the internet and those without this access is known as  
(a) Digital divide (b) Internet divide  
(c) Web divide (d) Cyberway divide
67. All the following are examples of input devices except  
(a) Scanner (b) Mouse  
(c) Printer (d) Keyboard
68. Choose the smallest memory size  
(a) Terabyte (b) Gigabyte  
(c) Kilobyte (d) Megabyte
69. A person who uses his expertise to gain access to other people's computers to get information illegally or to cause damage is a/an  
(a) Hacker (b) Programmer  
(c) Analyst (d) Spammer

70. Which of the following has recently 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
71. What does RAM in a computer stand for?
- (a) Read Analysis Memory (b) Rapid Action Monitor  
(c) Random Access Memory (d) Rapid Access Memory
72. The brain of any computer system is
- (a) Control Unit (b) Monitor  
(c) CPU (d) ALU
73. What is the full form of IP?
- (a) Internet Program (b) Internet Protocol  
(c) Interface Program (d) Interface Protocol
74. Restarting of computer that is already on is referred to as
- (a) Cold booting (b) Logging off  
(c) Shut down (d) Warm booting
75. A device that allows computer users to communicate with one another over telephone lines is called
- (a) Microprocessor (b) Network  
(c) Modem (d) Assembler

**Section - B**

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

76.  $\left(1 - \frac{1}{2}\right)\left(1 - \frac{1}{3}\right)\left(1 - \frac{1}{4}\right)\dots\dots\dots\left(1 - \frac{1}{n}\right) = \underline{\hspace{2cm}}$
- (a) 0 (b) 1  
(c)  $\frac{1}{n}$  (d)  $n - 1$
77. If  $x - y = 7$  and  $xy = 78$ , then  $\frac{1}{x} - \frac{1}{y} =$
- (a)  $\frac{7}{78}$  (b)  $\frac{78}{7}$   
(c)  $\frac{-7}{78}$  (d) 10
78. Choose the prime number
- (a) 9 (b) 2  
(c) 15 (d) 63
79. When  $x^3 - 3x^2 + 5x + 1$  is divided by  $x - 2$ , the remainder is
- (a) 0 (b) 2  
(c) 7 (d) 5

80. Find the cube root of 185193

- (a) 43
- (b) 57
- (c) 47
- (d) 63

81. What is the sum of all numbers between 200 and 600 which are divisible by 16?

- (a) 5000
- (b) 15000
- (c) 16000
- (d) 10000

82. The value of  $\frac{x^3 + y^3}{x^2 - xy + y^2}$ ; when  $x = 153, y = 47$

- (a) 200
- (b)  $\frac{153}{47}$
- (c) 106
- (d) 719

83.  $\sqrt{256\sqrt{16+x}} = 16$ , then  $x =$  \_\_\_\_\_

- (a) 4
- (b) 8
- (c) -8
- (d) -15

84. If  $2A = 3B = 4C$ , then  $A : B : C =$  \_\_\_\_\_

- (a) 6 : 4 : 3
- (b) 3 : 4 : 5
- (c) 4 : 3 : 2
- (d) 2 : 3 : 4

85.  $\frac{1}{4}$  of  $\frac{3}{5}$  of  $\frac{6}{5}$  of a number is 54. Then the number is

- (a) 180
- (b) 250
- (c) 300
- (d) 150

86. Given below is the number of pairs of shoes of different sizes sold in a day by the owner of a shop.

Size of shoes	1	2	3	4	5	6	7	8	9
No. of pairs sold	3	5	3	6	4	8	3	2	4

What is the modal shoes size?

- (a) 3
- (b) 4
- (c) 6
- (d) 8

87. There are 600 boys in a hostel. Each plays either Hockey or Football or both. If 75% play Hockey and 45% play Football, how many play both?

- (a) 48
- (b) 60
- (c) 120
- (d) 80

88. The HCF of  $\frac{12}{17}$  and  $\frac{60}{17}$  is

- (a)  $\frac{12}{17}$
- (b)  $\frac{60}{17}$
- (c)  $\frac{5}{17}$
- (d)  $\frac{6}{17}$



89. The daily maximum temperature recorded in °C at Aizawl during a week was as below:

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Temp.	25.5	28.8	27.3	26.1	23.8	24.5	

The Mean temperature is

- (a) 24.5°C (b) 28.8°C  
(c) 26.1°C (d) 26°C
90. By selling 45 lemons for Rs.40, a man loses 20%. How many should he sell for Rs.24 to gain 20% in the transaction?  
(a) 16 (b) 18  
(c) 20 (d) 22
91. After successive discounts of 12% and 5%, an article was sold for Rs.209, what was the original price?  
(a) Rs.250 (b) Rs.226  
(c) Rs.252 (d) Rs.269
92. A starts business with Rs.3500 and after 5 months; B joins A as his partner. After a year the profit is divided in the ratio 2 : 3. What was B's contribution in the capital?  
(a) Rs.7500 (b) Rs.9000  
(c) Rs.85000 (d) Rs.8000
93. A and B finished a work in 30 days. They worked together for 20 days and then B left after 20 days, A finished the remaining work. In how many days can A alone finish the job?  
(a) 40 days (b) 30 days  
(c) 54 days (d) 60 days
94. A train 360m long is running at a speed of 45 km/hr. In what time will it pass a bridge 140m long?  
(a) 42 sec (b) 45 sec  
(c) 48 sec (d) 40 sec
95. A man rows a boat 3 hours downstream and 3 hours upstream. Find speed of the boat in still water, if he covers a distance of 12 km.  
(a) 2 km/hr (b) 3 km/hr  
(c) 4 km/hr (d) 8 km/hr
96. Height of a tree is 1210 cm. What was its height two years ago if it increases at the rate of 10% p.a?  
(a) 1331 cm (b) 800 cm  
(c) 1000 cm (d) 900 cm
97. If the price of sugar is fallen by 5% a man can buy 220kg sugar. Find the quantity of sugar he was buying originally.  
(a) 210kg (b) 209kg  
(c) 240kg (d) 242kg
98. The ages of A and B are in the ratio 8 : 5. Sum of their ages is 39 years; what will be the ratio of their ages after 9 years?  
(a) 11 : 8 (b) 3 : 2  
(c) 8 : 7 (d) 10 : 7

- 99.** The smallest number to be added to 1000 so that it is exactly divisible by 45 is
- |        |        |
|--------|--------|
| (a) 8  | (b) 20 |
| (c) 35 | (d) 80 |
- 100.** The ratio between two numbers is 2 : 3. If their LCM is 150. Then the numbers are
- |            |            |
|------------|------------|
| (a) 50, 75 | (b) 30, 90 |
| (c) 25, 30 | (d) 30, 60 |

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