

MIZORAM PUBLIC SERVICE COMMISSION

GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF U.D.C. UNDER IRRIGATION & WATER RESOURCES DEPARTMENT MARCH, 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)

- Name the Italian Prime Minister who arrived in India on a two day visit, aimed at strengthening the bilateral political and economic relations between the two countries?
(a) Paolo Gentiloni (b) Matteo Renzi
(c) Enrico Letta (d) Mario Monti
- Name the north-eastern State which has been declared as disturbed under the Armed Forces (Special Powers) Act (AFSPA) for 6 months in September, 2017?
(a) Meghalaya (b) Assam
(c) Tripura (d) Manipur
- Who is the current Chairperson of Central Board of Secondary Education (CBSE).
(a) Rajesh Kumar Chaturvedi (b) Shahzad Noor
(c) Anita Karwal (d) MC Sharma
- Which Indian metro station will have its own FM radio station?
(a) Lucknow Metro (b) Delhi Metro
(c) Mumbai Metro (d) Calcutta Metro
- Name the Indian movie which has become the first Indian movie to earn Rs 2000 crore worldwide?
(a) PK (b) Dangal
(c) Bajrangi Bhaijaan (d) Sultan
- Name the bollywood actor who was roped in by the Central Government to promote Goods and Services Tax (GST)?
(a) Amitabh Bachchan (b) Salman Khan
(c) Shah Rukh Khan (d) Aamir Khan
- Which State launched India's first single woman pension scheme of India? Under this scheme single woman will be given Rs. 1000 per month.
(a) Kerala (b) Telengana
(c) Tamil Nadu (d) Assam

8. Which Indian bank is going to develop 100 digital villages in various States of the country as part of its initiative to promote digital banking among the rural population?
- (a) SBI (b) Bank of India
(c) Vijaya (d) Canara
9. Name the Bollywood actress who was appointed as the ambassador for Skill India campaign of National Skill Development Corporation?
- (a) Priyanka Chopra (b) Amitabh Bachchan
(c) Shah Rukh Khan (d) Amir Khan
10. On September, 2017 the Union cabinet increased the retirement age of central government doctors to ___ years with an aim to meet the shortage of medical staff, especially super-specialists, in the country.
- (a) 63 (b) 64
(c) 65 (d) 70
11. In which country electric car maker Tesla has set up its first electric car manufacturing plant outside the US?
- (a) Japan (b) China
(c) North Korea (d) South Korea
12. Which act was discarded by the NITI Aayog as it was destabilising the prices instead of keeping them stable?
- (a) Quartering Act (b) Stamp Act
(c) GST Act (d) Essential Commodity Act
13. The amount that the European Investment Bank (EIB) agreed to lend for building a Bangalore Metro Rail-
- (a) 100 million Euros (b) 200 million Euros
(c) 300 million Euros (d) 400 million Euros
14. Who is the current Director of CBI?
- (a) Alok Kumar Verma (b) Anil Sinha
(c) Ranjit Sinha (d) Rakesh Asthana
15. Who is the present Minister of Tribal Affairs?
- (a) DR Harsh Vardhan (b) Jual Oram
(c) Rajnath Singh (d) Suresh Prabhu
16. Who is the present President of European Council?
- (a) Donald Tusk (b) Maria Bielikova
(c) Endre Spaller (d) Herve Bernard
17. 'World Health day' is celebrated on which date every year?
- (a) 6th April (b) 7th April
(c) 8th April (d) 9th April
18. Who is the author of the book 'Lincoln in the Bardo' which won 2017 Man Booker prize?
- (a) J.K. Rowling (b) George Saunders (US)
(c) Stephen King (d) Amish Tripathi
19. Who is the first Indian women wrestler to sign with WWE?
- (a) Babhitha (b) Sakshi Malik
(c) Kavita Devi (d) Geeta Phogat

20. Which country won the 2017 FIFA Under-17 Football World Cup for the very first time by defeating Spain by 5-2 margin in the final?
- (a) Portugal (b) Germany
(c) France (d) England
21. In which year India will host the men's World Boxing Championship for the first time?
- (a) 2021 (b) 2022
(c) 2023 (d) 2024
22. What is the full form of 'NITI Aayog'?
- (a) National Institution for transforming India (b) National Institute for Transforming India
(c) National Integration for Transforming India (d) National Intermission for Transforming India
23. What is the full form of 'IA & AS'?
- (a) Indian Administrative and Audit Service (b) Indian Administrative and Account Service
(c) Indian Account and Audit Service (d) Indian Audit and Account Service
24. _____ is also known as Steel City of India.
- (a) Kanpur (b) Jamshedpur
(c) Jaipur (d) Kashmir
25. Which of the following is true?
- (a) City of Festival – Chennai (b) City of temples – Varanasi
(c) City of lakes – Raipur (d) City of weavers – Cochin
26. Which country is known as land of Kangaroos?
- (a) Finland (b) Canada
(c) Australia (d) Indonesia
27. Who were awarded Rajiv Gandhi Khel Ratna 2017 by the President of India on National Sports Day, August 29, 2017?
- (a) P. V. Sindhu and Dipa Karmaka (b) Devendra Jhajharia and Sardara Singh
(c) Jitu Rai and Sakshi Malik (d) Sania Mirza and P. V. Sindhu
28. Who received 2017 World Food Prize Laureate Award?
- (a) Ayodeji Adesina (b) Jan Low
(c) Maria Andrade (d) Howarth Bouis
29. Who invented the BALLPOINT PEN?
- (a) Waterman Brothers (b) Write Brothers
(c) Biro Brothers (d) Bicc Brothers
30. Who is often called the 'first African-American' inventor?
- (a) Benjamin Banneker (b) Bessie Blount
(c) George Washington Carver (d) Elijah McCoy
31. Which computer system is mainly used in weather forecasting and Disaster control?
- (a) Super computer (b) Micro computer
(c) Mainframe computer (d) Personal computer
32. A computer cannot boot if it does not have the
- (a) Compiler (b) Operating system
(c) Assembler (d) Loader

33. Which of the following is an example for first generation computers?
(a) IBM 1401 (b) IBM 650
(c) IBM 702 (d) Both (b) & (c)
34. Where is the disk put in a computer?
(a) Into the CPU (b) In the hard drive
(c) In the disk drive (d) In the modem
35. The Nokrek Biosphere Reserve is located in which State?
(a) Arunachal Pradesh (b) Meghalaya
(c) Jammu & Kashmir (d) Sikkim
36. Which one is the biggest lake in Mizoram?
(a) Palak (b) Tamdil
(c) Tlawng (d) Kaladan
37. Who bagged the prestigious Vanglaini Mizo Award for 2017?
(a) Prof. J.V. Hluna (b) Prof. R. Lalthantluanga
(c) Prof. Margaret Ch. Zama (d) Prof. Joy Lalkrawspari Pachuau
38. Gurdeep Singh is associated with which sports?
(a) Boxing (b) Weightlifting
(c) Chess (d) Table Tennis
39. Who is the current Prime Minister of Australia?
(a) Tony Abbott (b) Kevin Rudd
(c) Bill Shorten (d) Malcolm Turnbull
40. Demi-Leigh Nel-Peters has been crowned the Miss Universe 2017. She hails from which country?
(a) South Africa (b) Cambodia
(c) Australia (d) Jamaica
41. Who has been appointed as the new Executive Director of Reserve Bank of India (RBI)?
(a) Meena Hemchandra (b) B.P. Kamungo
(c) Deepali Pant Joshi (d) Uma Shankar
42. Who is the new chairman of Mizoram Youth Commission (MYC) Chairman?
(a) T. Sangkunga (b) K.S. Thanga
(c) Hmingdailova Khingte (d) Joseph Lalhimpuia
43. The author of the book “Rintei Zunleng” is
(a) Lalrammawia Ngente (b) C. Laizawna
(c) Robuanga (d) Lalhmachhuana Zofa
44. Who is the author of the e- book “India 2017 Yearbook”?
(a) R. K. Verma (b) Rajiv Gauba
(c) Ashwani Lohani (d) Rajiv Mehrishi
45. Who won the 2016 Women’s Singles Wimbledon Championship?
(a) Simona Halep (b) Angelique Kerber
(c) Serena Williams (d) Venus Williams

46. What is the full form of GPS?
(a) Geographical Position System (b) Geological Phase System
(c) Global Packet System (d) Global Positioning System
47. What is the full form of MBBS?
(a) Bachelor of Medicine and Bachelor of Surgery
(b) Master of Biotechnology and Master of Surgeon
(c) Master of Biology and Master of Science
(d) Bachelor of Medical and Bachelor of Surgeon
48. Which river is known as 'China's Sorrow'?
(a) Yangtze (b) Huaihe
(c) Hwang Ho (d) Xijang
49. The Nobel Peace Prize is awarded in which city?
(a) Stockholm (b) Oslo
(c) Brussels (d) Geneva
50. Pulitzer Prize is awarded for outstanding work in the field of
(a) Science & Technology (b) International Outstanding
(c) Environmental Studies (d) Literature & Journalism
51. Who among the following was the latest to receive Padma Shree Award?
(a) Rev. Lalsawma (b) J. Malsawma
(c) Prof. Darchhawna (d) Lalzuia Colney
52. Television (mechanical) was invented by
(a) R. Sholes (b) M.E. Shockley
(c) John Napier (d) J.L. Baird
53. Which of the following items was invented by James Watt?
(a) Hot air balloon (b) Steam engine
(c) Steam boat (d) Driving bell
54. An example of an output device is a
(a) Scanner (b) Tapes
(c) Plotter (d) Software
55. What is the full form of ALU?
(a) Arithmetic and Logical Unit (b) Algorithmic Logical Unit
(c) Arithmetic Limitless Unit (d) Active Limitless Unit
56. What does the "R" in RAM stands for??
(a) Rewrite (b) Readable
(c) Read (d) Random
57. WWW stands for
(a) Wireless World Web (b) World Wide Web
(c) Wireless Windows Web (d) Wireless Wide Web
58. On which date Prime Minister Narendra Modi visited Mizoram?
(a) 17th December 2017 (b) 16th December 2017
(c) 15th December 2017 (d) 14th December 2017

59. Which country's passport was ranked as the World's most powerful passport in a new ranking of world passports released on 26th October 2017 by Passport Index?
- (a) Australia (b) Canada
(c) Singapore (d) Thailand
60. In which state the 2nd India International Cherry Blossom Festival was organized during 8th to 11th November 2017?
- (a) Manipur (b) Meghalaya
(c) Mizoram (d) Sikkim
61. Which state government has declared 2017 as 'Year of Apple'?
- (a) Andhra Pradesh (b) Gujarat
(c) Himachal Pradesh (d) Jammu & Kashmir
62. Which country has launched the longest bullet train line covering a distance of 2252kms in January 2017?
- (a) Afghanistan (b) China
(c) France (d) Japan
63. A cyclone that caused disasters in Tamil Nadu, Lakshadweep, Kerala, Maharashtra and Gujarat in December 2017 is
- (a) Cyclone Ockhi (b) Cyclone Mora
(c) Cyclone Maarutha (d) Cyclone Roanu
64. Which of the following state is the highest crime rate in 2016 as per National Crime Record Bureau (NCRB) data released on 30th November 2017?
- (a) Bihar (b) Madhya Pradesh
(c) Maharashtra (d) Uttar Pradesh
65. Who ranked first in the Forbes' World's Most Powerful List 2017?
- (a) Donald Trump (b) Pope Francis
(c) Narendra Modi (d) Vladimir Putin
66. The highest bamboo sculpture in the world was constructed and displayed in
- (a) Tripura (b) Manipur
(c) Andhra Pradesh (d) Assam
67. The first solar village in north east India situated in the state of
- (a) Assam (b) Manipur
(c) Meghalaya (d) Mizoram
68. The first Hyperloop project in India started in the state of
- (a) Andhra Pradesh (b) Gujarat
(c) Uttar Pradesh (d) Telangana
69. Who is the author of 'You are born to blossom, my journey'?
- (a) Arundhati Roy (b) Amartya Sen
(c) APJ Abdul Kalam (d) Khuswant Singh
70. The book 'An inconvenient truth' was written by a famous politician
- (a) Barack Obama (b) Al Gore
(c) George Bush (d) Tony Blair

71. Indian Sports Honours (ISH) Sportswoman of the year 2017
(a) P.V. Sindhu (b) Deepa Malik
(c) Mithali Raj (d) Saina Nehwal
72. What is the full form of JNNURM?
(a) Jawaharlal Nehru Nation Urban Renewal Mission
(b) Jawaharlal Nehru National Urban Renewal Mission
(c) Jawaharlal Nehru National Utility Renovation Mission
(d) Jawaharlal Nehru Nation Utility Renovation Mission
73. Which of the following country is known as 'Land of Golden Fiber'?
(a) Bangladesh (b) Germany
(c) Turkey (d) Ljubljana
74. Who invented the photocopier/ photocopying?
(a) Chester Carlson (b) David Gestetner
(c) Xerox (d) Haloid
75. Which of the following is a valid IP address?
(a) 192.168.321.10 (b) 192.12.787.76
(c) 1.888.234.3456 (d) 192.168.56.115

Section - B

(Simple Arithmetic - 25 Marks)

76. The number of planks of dimensions $4\text{m} \times 5\text{m} \times 2\text{m}$ that can be stored in a pit which is 40m long, 12m wide and 160m deep is
(a) 1890 (b) 1920
(c) 1925 (d) 1930
77. If the diameter of a semicircular window is 63 cm, then its perimeter is
(a) 158 cm (b) 162 cm
(c) 165 cm (d) 169 cm
78. A photograph measures 10 cm by 6 cm. It is to be enlarged so that the longer dimension becomes 15 cm. The length of the enlarged shorter dimension will be
(a) 8 cm (b) 9 cm
(c) 10 cm (d) 11 cm
79. What least number must be subtracted from 7250 to get a perfect square?
(a) 49 (b) 36
(c) 25 (d) 16
80. A pipe can fill a tank in 16 hours. Due to a leak in the bottom, it is filled in 24 hours. If the tank is full, how much time will the leak take to empty it?
(a) 36 hrs (b) 42 hrs
(c) 45 hrs (d) 48 hrs
81. A gun is fired at a distance of 3.32 km from Sangi. She hears the sound 10 seconds later. The speed of the sound is
(a) 303 km/s (b) 332 km/s
(c) 335 m/s (d) 332 m/s

82. The length of the longest pole that can be put in a room of dimensions 10m by 10m by 5 m is -
(a) 10 m (b) 15 m
(c) 18 m (d) 20 m
83. Rearrange this formula to make 't' the subject : $P = \frac{5t}{(2r - t)}$
(a) $\frac{pr}{3}$ (b) $\frac{2pr}{(5 - p)}$
(c) $\frac{2pr}{(5 + p)}$ (d) $\frac{(2pr - p)}{6}$
84. $(1+3) \times 3 - 4 \div 5 =$
(a) $\frac{31}{5}$ (b) 1
(c) $\frac{-3}{5}$ (d) $\frac{41}{5}$
85. A alone can do a piece of work in 10 days and B alone can do it in 15 days. A and B together can do the work in
(a) 5 days (b) 6 days
(c) 8 days (d) 9 days
86. In an examination, A scored 10% more than B and B scored 5% more than C. If C scored 300 marks out of 400, then A's marks are
(a) 300 (b) 320
(c) 360 (d) 380
87. If $A:B = 3:4$ and $B:C = 8:9$, then $A:B:C$ is
(a) 9:8:6 (b) 8:9:6
(c) 6:8:9 (d) 8:6:9.
88. A letter of English alphabet is chosen at random. The probability that it is a letter of the word 'APPROPRIATE' is
(a) $\frac{7}{26}$ (b) $\frac{9}{26}$
(c) $\frac{11}{26}$ (d) $\frac{5}{26}$
89. Out of 38 students in a class, 3 were absent. 20% of the remaining failed to do their home work. How many students did their home work?
(a) 25 (b) 28
(c) 29 (d) 30
90. Rina borrowed Rs.400 at 5% p.a.simple interest. On the same day he lent it to Nghaka at the same rate but compounded annually. What does he gain at the end of 2 years?
(a) Re.1 (b) Rs.4
(c) Rs.10 (d) Rs.14

91. In a family, the average age of father and mother is 35 years. The average age of the father, mother and their only son is 27 years. What is the age of the son?
(a) 9 years (b) 10 years
(c) 11 years (d) 13 years
92. On selling a fan for Rs.987, Rema loses 6%. For how much did he purchase it?
(a) Rs.990 (b) Rs.1020
(c) Rs.1040 (d) Rs.1050
93. A boy goes to school with a speed of 3 km/hr and returns with a speed of 2 km/hr. If he takes 5 hours in all, the distance between his village and the school is
(a) 6 km (b) 5 km
(c) 4 km (d) 1 km
94. If $\sqrt{1 + \frac{x}{144}} = \frac{13}{12}$, then the value of 'x' is
(a) 4 (b) 5
(c) 16 (d) 25
95. The measurement of the angle swept by the minute hand of a clock in half an hour's time is
(a) 180° (b) 90°
(c) 120° (d) 360°
96. The present worth of ₹ 14045 due year hence at 12% per annum, compounded half yearly is
(a) ₹ 14,000 (b) ₹ 13,000
(c) ₹ 12,045 (d) ₹ 12,500
97. An electric Iron cost ₹ 550. Then the amount to be paid after charging a Sale Tax of 5% is
(a) ₹ 522.50 (b) ₹ 600
(c) ₹ 570 (d) ₹ 577.50.
98. $4\frac{5}{7} \times 1\frac{10}{11} \times 4\frac{5}{9} = ?$
(a) 43 (b) 31
(c) 39 (d) 41
99. If $27 : 72 :: x : 8$, then the value of 'x' is
(a) 3 (b) 9
(c) $\frac{8}{3}$ (d) 6
100. $\frac{2}{3}$ of an article was sold at 6% profit and the rest at a lost of 3%. If there was an over-all profit of ₹ 530, then the value of an article is
(a) ₹ 15,000 (b) ₹ 18,000
(c) ₹ 162,00 (d) ₹ 21,000.