

MIZORAM PUBLIC SERVICE COMMISSION

GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF U.D.C. UNDER EXCISE & NARCOTICS DEPARTMENT JUNE, 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)

- Which actor was appointed as the United Nation's environment Goodwill Ambassador in 2017?
(a) Amitabh Bacchan (b) Dia Mirza
(c) Aishwarya Rai (d) Shah Rukh Khan
- Which Award was offered to Nahuel Perez Biscayart at the 48th International Film Festival of India 2017?
(a) Golden Peacock for best music (b) Golden Peacock for best Jury
(c) Golden Peacock for best Director (d) Silver Peacock for best actor
- Which day is observed as the world AIDS day?
(a) 1 December (b) 2 December
(c) 3 December (d) 4 December
- Who has become the chairman of the 15th Finance Commission of India?
(a) Y.V.Reddy (b) M.Govinda Rao
(c) N.K.Singh (d) Venugopal Reddy
- Government on November 2017 approved which new scheme to empower rural women through community participation?
(a) Pradhan Mantri Mahila Shakti Kendra (b) Pradhan Mantri Mahila Rojgar Kendra
(c) Mahila Employment Scheme (d) Shashakt Mahila Scheme
- Bramos Missile was successfully test fired from which Jet on 23rd Nov, 2017?
(a) Tejar (b) Sukhoi-30 MKI
(c) Mirage (d) MIG-29
- PM inaugurated 5th Global Conference on Cyberspace on 23rd Nov, 2017 in which city?
(a) Bengaluru (b) Chennai
(c) Mumbai (d) Delhi
- Which city hosted Global Entrepreneurship Summit 2017?
(a) Mumbai (b) New Delhi
(c) Lucknow (d) Hyderabad

9. Name the actress who becomes UNICEF celebrity advocate for child rights?
 - (a) Sonakshi Sinha
 - (b) Trishna Krishna
 - (c) Anushka Shetty
 - (d) Tamannah
10. Which state government passed Prevention and eradication of inhuman evil practices and black magic bill 2017?
 - (a) Kerala
 - (b) Karnataka
 - (c) Gujarat
 - (d) Tamil Nadu
11. Which country is going to host Rugby World Cup 2023?
 - (a) India
 - (b) Japan
 - (c) S. Africa
 - (d) France
12. Which country was named '*The destination of the Year in 2017*' according to the major travel publication 'Travel+Leisure'?
 - (a) Canada
 - (b) Chile
 - (c) Sweden
 - (d) Finland
13. This bank opens its first all women branch in Chennai recently.
 - (a) IDFC Bank
 - (b) RBL bank
 - (c) Syndicate Bank
 - (d) YES Bank
14. Who is selected for Indira Gandhi Prize for Peace, Disarmament and Development, 2017?
 - (a) Suresh Prabhu
 - (b) Manmohan Singh
 - (c) Naresh Singh
 - (d) Vijay Sinha
15. As per the report of International Monetary Fund (IMF) 2017, India ranks....in terms of Gross Domestic per capita.
 - (a) 111
 - (b) 96
 - (c) 120
 - (d) 126
16. Who becomes world's highest paid Model in 2017?
 - (a) Jasmine Tookes
 - (b) Kendall Jenner
 - (c) Barbara Palvin
 - (d) Gigi Hadid
17. Which country hosted the 39th session of the General conference of the UNESCO?
 - (a) India
 - (b) UK
 - (c) Italy
 - (d) France
18. Which Indian city has got its first woman mayor in 100 years?
 - (a) Agra
 - (b) Lucknow
 - (c) Kanpur
 - (d) Bhopal
19. Who inaugurated the 5th edition of Global Conference on Cyber Space?
 - (a) Ram Nath Kovind
 - (b) Rajnath Singh
 - (c) Narendra Modi
 - (d) Smriti Irani
20. The author of War and Peace was-
 - (a) Leo Tolstoy
 - (b) A.Huxley
 - (c) Charles Dickens
 - (d) Adam Smith
21. Who is the author of the book 'ANITA'?
 - (a) Dr.H.Lallungmuana
 - (b) P.L. Liandinga
 - (c) C.Laizawna
 - (d) L.Keivom

22. Karl Marx wrote—
(a) Mother (b) Prince
(c) Das Capital (d) All of the above
23. Which sports requires the largest Field?
(a) Cricket (b) Hockey
(c) Kabaddi (d) Polo
24. The National Games of India is:
(a) Hockey (b) Football
(c) Tennis (d) Cricket
25. The term Pentium is related to-
(a) DVD (b) Hard disk
(c) Microprocessor (d) Mouse
26. Which of the following is used for close a tab on a browser?
(a) Ctrl + Y (b) Ctrl + A
(c) Ctrl + W (d) Ctrl + T
27. Which of the following is a correct format of email address?
(a) Care@website.com (b) Care@website@com
(c) Care website.com (d) Care.website.com
28. The process of transferring files from a computer on the internet to your computer is
(a) Downloading (b) FTP
(c) Forwarding (d) Uploading
29. Blue tooth technology allows-
(a) Satellite communication.
(b) Signal transmission on mobile phones only.
(c) Wireless communication between equipments.
(d) Landline phone to mobile phone communication.
30. The Telephone was invented by—
(a) G. Marconi (b) JL Baird
(c) Thomas Barrow (d) Alexander Graham Bell
31. Who discovered North Pole?
(a) John Cobot (b) Captain Cook
(c) Robert Peary (d) Amundsen
32. What is the full form of PPP?
(a) People's Programme & Priority (b) Purchase Produce Provide
(c) Public Power Parity (d) Public Private Partnership
33. AIDS stands for-
(a) Acquired Immune Decency Syndrome (b) Acquired Immune Defence Syndrome
(c) Acquired Immunity Deficiency Syndrome (d) Acquired Immune Deficiency Syndrome

34. The famous Oscar Awards are presented by the-
- (a) American Motion Pictures Association
 - (b) World Film Society
 - (c) American Film Society
 - (d) Academy of Motion Pictures, Arts and Sciences
35. On which day every year National Awards for Teachers are announced?
- (a) November 14
 - (b) October 2
 - (c) September 5
 - (d) August 15
36. The first recipient of Padma Shri Award among the Mizos is-
- (a) James Dokhuma
 - (b) Nuchhungi
 - (c) A.Sawihlira
 - (d) Khawlkungi
37. Which of the following countries is called '*Cockpit of Europe*'?
- (a) Belgium
 - (b) Canada
 - (c) Colombia
 - (d) UK
38. Which city is called the '*Gateway to the East*'?
- (a) Bangkok
 - (b) Cairo
 - (c) Beirut
 - (d) Amritsar
39. Which country is called '*Land of Lilies*'?
- (a) Canada
 - (b) Belgium
 - (c) Norway
 - (d) Sweden
40. Which app has been launched by Prime Minister Narendra Modi for government services?
- (a) Umang
 - (b) Bharat
 - (c) BhimYug
 - (d) Ujala
41. Which State Assembly has passed a bill awarding death to those found guilty of raping girls aged 12 and below?
- (a) Bihar
 - (b) Karnataka
 - (c) Odisha
 - (d) Madhya Pradesh
42. Who is the new Vice Chancellor of Mizoram University?
- (a) Prof. R. Lalthantluanga
 - (b) Prof. A.N. Rai
 - (c) Prof. KRS Sambasiva Rao
 - (d) Prof. Lianzela
43. Who bagged the prestigious Vanglaini Mizo Award for 2017?
- (a) Prof. J.V. Hluna
 - (b) Prof. Margaret Ch. Zama
 - (c) Prof. R. Lalthantluanga
 - (d) Prof. Joy Lalkrawspari Pachuau
44. Kacheguda railway station has declared the India's first energy-efficient A1 Category Railway Station. It is situated in which city?
- (a) Hyderabad
 - (b) Kochi
 - (c) Chennai
 - (d) Kolkata
45. Who is the current President of France?
- (a) Emmanuel Macron
 - (b) Jacques Chirac
 - (c) Nicholas Sarkozy
 - (d) Francois Hollande

46. The first edition of the International Symposium to Promote Innovation and Research in Energy Efficiency (INSPIRE 2017) was started in which city?
- (a) New Delhi (b) Jaipur
(c) Indore (d) Patna
47. What is the area of Mizoram?
- (a) 21,081 sq. km (b) 21,000 sq. km
(c) 22,721 sq. km (d) 22,320 sq. km
48. India has been declared free from trachoma, which is a contagious bacterial infection of which part of human body?
- (a) Nose (b) Ear
(c) Eye (d) Neck
49. Who authored of the book, "On the Origin of Species"?
- (a) Albert Einstein (b) Rabindranath Tagore
(c) Charles Darwin (d) Isaac Newton
50. The first Laureu's World Sports Award for Sportsman of the year was given in 2000 to
- (a) Roger Federer (b) Tiger Woods
(c) Rafael Nadal (d) Usain Bolt
51. Which one is called 'Bengal's Sorrow'?
- (a) Ganga River (b) Yamuna River
(c) Damodar River (d) Brahmaputra River
52. Who among the following has won the Nobel Prize in literature 2017?
- (a) Svetlana Alexievich (b) Mo Yan
(c) Patrick Modiano (d) Kazuo Ishiguro
53. The four blood groups were discovered by
- (a) Richard Feynman (b) Karl Landsteiner
(c) Alfred Wagener (d) A.V. Leeuwenhock
54. Who invented radio?
- (a) Guglielmo Marconi (b) William Oughtred
(c) Robert Recorde (d) Hermann Fottinger
55. What is the full form of DVD?
- (a) Direct Versatile Disc (b) Digital Visual Data
(c) Direct Visual Data (d) Digital Versatile Disc
56. Which of the following is the most popular search engine?
- (a) Yahoo (b) Bing
(c) Baidu (d) Google
57. Sardara Singh (Hockey) is a recipient of-
- (a) Arjuna Award 2017 (b) Dronacharya Award 2017
(c) Dhyan Chand Award 2017 (d) Rajiv Gandhi Khel Ratna Award 2017
58. A 97m height earthen dam of Tuirial Hydel Project can generate an electricity of-
- (a) 30MW (b) 60MW
(c) 120MW (d) >120MW

59. Who is the Secretary- General of United Nations Organisation?
(a) Antonio Guterres (b) Asharose Migiro
(c) Jim Young Kim (d) Antonio Manuel D Olivera Gutress
60. 2018 Global Investors Summit will be held at the city of-
(a) Agartala (b) Aizawl
(c) Guwahati (d) Imphal
61. 'Plastic Free Zone' in the 2017 festival of-
(a) Anthurium Festival, Reiek (b) Vangpui Kut, Bangalore
(c) Hornbill Festival, Kisama (d) Winter Festival, Aizawl
62. The 2017 cleanest town/ village in Mizoram is-
(a) Lunglei (b) Hnahthial
(c) Mamit (d) Biate
63. The famous 'Vyapam scam' is connected with-
(a) Uttar Pradesh Public Service Commission
(b) Madhya Pradesh Professional Examination Board
(c) Madhya Pradesh Public Service Commission
(d) Bihar School Education Board
64. An electronic platform PENCIL portal launched in September 2017 aims to-
(a) Improving the quality of rural child
(b) Protecting children
(c) Reforms and improving quality of school in rural areas
(d) Target of child labour free society
65. Who is the author of 'The camera as witness: A social history of Mizoram, Northeast India'?'
(a) Dr. Rohmingmawii (b) Prof. Margaret L. Pachuau
(c) Prof. J. Chawngthu (d) Prof. Joy Lalkrawspari Pachuau
66. Winner of 2017 ATP World Tour Finals
(a) Rafael Nadal (b) Roger Federer
(c) Grigor Dimitrov (d) David Goffin
67. A well-known Indian sportsperson Vijay Kumar is associated with-
(a) Boxing (b) Hockey
(c) Shooting (d) Wrestling
68. Expand the term RUSA
(a) Russia and United States of America
(b) Agreement between Russia and United States of America
(c) Rashtriya Uchchar Shiksha Abhiyan
(d) Rashtrya Uchar Shiksha Abhiyan
69. What does TRAI stands for?
(a) Television Regularity Authority of India
(b) Television and Telecommunication Regulation Authority of India
(c) Telecommunication Regulatory Authority of India
(d) Telecom Regulatory Authority of India

70. The full form of STARTS is
(a) Strategy Arms Reduction Treaty System (b) Strategy of Arms Reduction Treaty System
(c) Strategic Arms Reduction Treaty Station (d) Strategy of Arms Reduction Treaty Station
71. Which of the following India city is known as 'Fourway of National Highway'?
(a) Kharagpur (b) Kanpur
(c) Chennai (d) Bangalore
72. An Indian military decoration award for valour, courageous action or self-sacrifice away from the battlefield is-
(a) Paramvir Chakra (b) Ashok Chakra Award
(c) Kirti Chakra (d) Vir Chakra
73. The person who invented Bluetooth technology is-
(a) Jaap Haartsen (b) Sven Mattisson
(c) O' Sullivan (d) Richard Rhodes
74. Which of the following is not an input device?
(a) Barcode reader
(b) Magnetic Ink Character Recognition (MICR)
(c) Optical Mark Recognition (OMR)
(d) Plotter
75. Which of the following is a super computer developed in India?
(a) Titan (b) Mira
(c) Saga- 220 (d) Vulcan

Section - B
(Simple Arithmetic - 25 Marks)

76. The mean(average) of five numbers is 30. If one number is excluded,their mean becomes 28. The excluded number is
(a) 34 (b) 36
(c) 38 (d) 39
77. The sum of two rational numbers is -5 . If one of them is $\frac{-13}{6}$, the other number is
(a) $\frac{-11}{6}$ (b) $\frac{-17}{6}$
(c) $\frac{-19}{6}$ (d) $\frac{-23}{6}$
78. The least number which when divided by 8, 9, 12 and 15 leaves 1 as remainder each time is
(a) 541 (b) 451
(c) 291 (d) 361

79. The percentage required to pass in a paper is 40% which is equal to 60 marks. The total marks of the paper is
- (a) 135 (b) 140
(c) 150 (d) 154
80. 'A' can do a job in 16 days and 'B' can do the same job in 12 days. With the help of 'C', they did the job in 4 days only. Then 'C' alone can do the job in
- (a) $9\frac{1}{2}$ days (b) $9\frac{1}{3}$ days
(c) $9\frac{3}{5}$ days (d) $9\frac{3}{7}$ days
81. The median of the data 14, 14, 15, 17, 22, 17, 17, 16, 13 is
- (a) 13 (b) 17
(c) 16 (d) 22
82. The length and breadth of a rectangular hall are 40 m and 30 m respectively. The distance between the two opposite corners of the hall is
- (a) 35 m (b) 45 m
(c) 50 m (d) 55 m
83. 100 ml of a 20 % solution of alcohol in water are mixed with 200 ml of a 50 % solution of alcohol in water. The alcoholic strength of the mixture solution is
- (a) 30 % (b) 35 %
(c) 38 % (d) 40 %
84. What percent is 1 hour of a day?
- (a) 25% (b) 20%
(c) $8\frac{3}{4}$ % (d) $4\frac{1}{6}$ %
85. A bus run at 54 km per hour. How far it can go in 12 seconds?
- (a) 120 m (b) 180 m
(c) 200 m (d) 230 m
86. A alone can do a piece of work in 10 days and B alone can do it in 15 days. In how many days will A and B together do the same work?
- (a) 5 (b) 6
(c) 8 (d) 9
87. Value of $\left(\frac{5}{9}\right)^{-2} \times \left(\frac{3}{5}\right)^{-3} \times \left(\frac{3}{5}\right)^0$ is
- (a) 12 (b) 13
(c) 14 (d) 15
88. Rs. 800/- amounts to Rs. 920/- in 3 years at simple interest. If the interest rate is increased by 3%. It would amount to how much?
- (a) Rs. 1056/- (b) Rs. 1112/-
(c) Rs. 1182/- (d) Rs. 992/-

89. A sum of money will double itself in 16 years at simple interest with yearly rate of:
- (a) 10% (b) 6 %
(c) 8% (d) 16%
90. In a group of 65 people, 40 like badminton, 10 like badminton and chess. How many like chess only and not badminton?
- (a) 65 (b) 55
(c) 45 (d) 35
91. The number of cubes of side 2 cm that can be formed from a cube of side 6 cm is
- (a) 6 (b) 9
(c) 12 (d) 27
92. 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
93. The perimeter of an equilateral triangle is 18 cm. Its area is
- (a) $6\sqrt{3}$ cm² (b) $9\sqrt{3}$ cm²
(c) $12\sqrt{3}$ cm² (d) $15\sqrt{3}$ cm²
94. In a group of 30 people, 15 people play badminton and 20 people play football. Each of them likes to play at least one of the two games. The number of people who play both the games is
- (a) 5 (b) 10
(c) 15 (d) 18
95. The number that must be added to each of the numbers 2, 3, 30 and 35, so that they are in proportion is
- (a) 2 (b) 3
(c) 5 (d) 8
96. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work left is
- (a) $\frac{1}{4}$ (b) $\frac{1}{10}$
(c) $\frac{7}{15}$ (d) $\frac{8}{15}$
97. In a mixture of 45 litres, the ratio of milk and water is 4 : 1. How much water must be added to the mixture to make the ratio 3 : 2?
- (a) 3 (b) 5
(c) 15 (d) 18
98. After 3 years, Thanga will be thrice of his own age 3 years ago. Then, his present age is
- (a) 3 years (b) 6 years
(c) 12 years (d) 15 years

99. Arrange the following ratios in a descending order : (3 : 4), (5 : 8), (7 : 12) and (2 : 3)

- (a) (3 : 4) > (2 : 3) > (5 : 8) > (7 : 12) (b) (7 : 12) > (5 : 8) > (2 : 3) > (3 : 4)
(c) (2 : 3) > (3 : 4) > (5 : 8) > (7 : 12) (d) (7 : 12) > (5 : 8) > (3 : 4) > (2 : 3)

100. Solve : $\frac{(9.8)^3 - (6.8)^3}{(9.8)^2 + 9.8 \times 6.8 + (6.8)^2}$

- (a) 1 (b) 2
(c) 3 (d) 5

* * * * *