MIZORAM PUBLIC SERVICE COMMISSION

GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF U.D.C. UNDER SECRETARIAT ADMINISTRATION 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. What is the state flower of Mizoram?
   - (a) Rhododendron
   - (b) Red Vanda
   - (c) Marigold
   - (d) Lotus

2. The 2017 UN Climate Change Conference (COP23) was held in which country?
   - (a) France
   - (b) United States
   - (c) India
   - (d) Germany

3. Who is the current Vice-President of India?
   - (a) Hamid Ansari
   - (b) Venkaiah Naidu
   - (c) Gopalkrishna Gandhi
   - (d) Krishan Kant

4. Who is the new Vice Chancellor of Mizoram University?
   - (a) Prof. KRS Sambasiva Rao
   - (b) Prof. R. Lalthantluanga
   - (c) Prof. Lianzela
   - (d) Prof. A.N. Rai

5. India's largest floating solar power plant was opened in which state?
   - (a) Kerala
   - (b) Karnataka
   - (c) Odisha
   - (d) Andhra Pradesh

6. Which one is the largest district by area-wise in Mizoram?
   - (a) Mamit
   - (b) Kolasib
   - (c) Serchhip
   - (d) Lunglei

7. Who is the current Chief Minister of Assam?
   - (a) Tarun Gogoi
   - (b) Sarbananda Sonowal
   - (c) Hiteswar Saikia
   - (d) P.K. Mahanta

8. The 2017 Armed Forces Flag Day is celebrated on which date in India?
   - (a) December 6
   - (b) December 7
   - (c) December 8
   - (d) December 9

9. India's first Madame Tussauds Wax Museum was officially opened for public in which city?
   (a) Mumbai
   (b) Chennai
   (c) New Delhi
   (d) Pune

10. Who is the sixth Indian woman to win the Miss World title?
   (a) Aishwarya Rai
   (b) Manushi Chillar
   (c) Priyanka Chopra
   (d) Yukta Mookhey

11. India's first mobile food testing lab was launched in which state?
   (a) Punjab
   (b) Maharashtra
   (c) Goa
   (d) Uttar Pradesh

12. The 18th Hornbill Festival 2017 was launched in which State?
   (a) Manipur
   (b) Assam
   (c) Nagaland
   (d) Mizoram

13. Which Bollywood personality has been honoured with Global Diversity Award at Britain's House of Commons?
   (a) Deepika Padukone
   (b) Amitabh Bachchan
   (c) Priyanka Chopra
   (d) Salman Khan

14. Which operation was started by India to help Rohingya refugees in Bangladesh?
   (a) Operation Rohingya
   (b) Operation Manavta
   (c) Operation Refugee
   (d) Operation Insaniyat

15. Which country has been named the best country to visit in 2018, according to Lonely Planet 'Best in Travel 2018' list?
   (a) South Korea
   (b) Spain
   (c) Chile
   (d) New Zealand

16. UN Women in collaboration with which social networking site launched 'We The Women' event in Mumbai?
   (a) Twitter
   (b) Instagram
   (c) Skype
   (d) Facebook

17. Alapuzha has been included in top 5 global cities by the UNEP list to manage solid waste. It is located in which state?
   (a) Goa
   (b) Kerala
   (c) Tamil Nadu
   (d) Karnataka

18. Jana Novotna, the former Wimbledon Champion passed away. She hails from which country?
   (a) Czech Republic
   (b) France
   (c) Italy
   (d) Germany

19. Which of the following states does not have a border with Mizoram?
   (a) Manipur
   (b) Nagaland
   (c) Tripura
   (d) Assam

20. Which country was the World's Richest Country in terms of per capita income?
   (a) Saudi Arabia
   (b) USA
   (c) Qatar
   (d) Japan

21. Which novel is authored by Salman Rushdie?

    (a) The Great Gatsby   (b) Lolita

    (c) Satanic Verses   (d) Native Son

22. Which of the following is written by Chetan Bhagat?

    (a) Wings of Fire   (b) Half Girlfriend

    (c) The God of Small Things   (d) India First

23. Who among the following is awarded for the Laureu's World Sports Award for Sportsman of the Year 2017?

    (a) Usain Bolt   (b) Roger Federer

    (c) Michael Phelps   (d) Tiger Woods

24. Mary Kom has won gold medal in which category at 2017 Asian Women's Boxing Championship?

    (a) 52 kg   (b) 57 kg

    (c) 42 kg   (d) 48 kg

25. The term 'Butterfly Stroke' is referred to in which sport?

    (a) Wrestling   (b) Swimming

    (c) Volleyball   (d) Tennis

26. What is the full form of ISRO?

    (a) Indian Space Research Organisation

    (b) Indian Supply Research Organisation

    (c) Indian Scientific Research Organisation

    (d) Indian Scientific Renovation Organisation

27. What is the full form of SIPMIU?

    (a) Source Investing Part Management and Implementation Unit

    (b) Source Investing Programme Management and Implementation Unit

    (c) State Investment Programme Management and Implementation Unit

    (d) State Investing Part Management and Implementation Unit

28. What is the full form of HTTP?

    (a) High-Throughput Transfer Protocol   (b) Hybrid Text Transfer Protocol

    (c) Hypertext Transfer Protocol   (d) Hypertransport Transfer Protocol

29. Which country is called 'Land of Midnight Sun'?

    (a) Norway   (b) Japan

    (c) China   (d) India

30. Which one is called 'Scotland of the East'?

    (a) Imphal   (b) Guwahati

    (c) Shillong   (d) Nagaland

31. Which one is called 'Blue Mountains'?

    (a) Tiger Hills   (b) Shivalik Hills

    (c) Anamalai Hills   (d) Nilgiri Hills

32. The Cannes Award is given for excellence in which field?

    (a) Films   (b) Journalism

    (c) Literature   (d) Economics

33. Which one is the highest civilian award of India?
   (a) Padma Shree
   (b) Bharat Bhushan
   (c) Bharat Ratna
   (d) Veer Chakra

34. Who invented the penicillin?
   (a) Robert Koch
   (b) Alexander Fleming
   (c) Louis Pasteur
   (d) Edward Jenner

35. The revolver was invented by
   (a) Samuel Colt
   (b) Eli Whitney
   (c) W.H.F. Talbot
   (d) George Stephenson

36. System operator is abbreviated as
   (a) Sope
   (b) Systop
   (c) Syop
   (d) Sysop

37. An example of an input device is a
   (a) Digital camera
   (b) Optical disc
   (c) Monitor
   (d) Plotter

38. What type if file is a .jpg?
   (a) A folder
   (b) A picture file
   (c) A music file
   (d) A google doc

39. Which of the following are extensions of graphic files?
   (a) .BMP
   (b) .TXT
   (c) .DOC
   (d) .EXE

40. Which of them is a web browser?
   (a) Google
   (b) Safari
   (c) Bing
   (d) Yahoo

41. According to UNDP, which is world's most violent region for women?
   (a) N. America
   (b) S. America
   (c) Latin America
   (d) Libya

42. Trump Tower was launched in which city?
   (a) Bengaluru
   (b) Kolkata
   (c) Chennai
   (d) Mumbai

43. Which according to the report of the 'Govt. At a Glance' is the most trusted government of the world?
   (a) India
   (b) Switzerland
   (c) Australia
   (d) United Kingdom

44. Which Cricket team won the under-19 Youth Asia Cup 2017?
   (a) Pakistan
   (b) India
   (c) Afghanistan
   (d) Sri Lanka

45. Which country along with India and China has agreed to improve Cyberspace Security jointly?
   (a) Japan
   (b) U.S
   (c) Indonesia
   (d) Australia

46. Which organisation will be awarded with the 'Mother Teresa Award for Social Justice, 2017'?
  (a) UNICEF   (b) UNHCR
  (c) UNHM   (d) UNPER

47. Name the Journalist and author who was reappointed as the Prasar Bharati Chairman?
  (a) Barka Dutt   (b) Surya Prakash
  (c) Arnab Goswami   (d) Madhu Trehan

48. Pick the Cambridge Dictionary 2017 'Word of the Year'?
  (a) Enthusiasm   (b) Zeal
  (c) Populism   (d) Exchange

49. The first state in India to have industrial Policy exclusively for women entrepreneurs
  (a) Odisha   (b) Gujarat
  (c) Goa   (d) Maharastra

50. Which country has officially recognised Jerusalem as the Capital of Israel?
  (a) United Kingdom   (b) USA
  (c) Germany   (d) Japan

51. 'Ka khualzin kawng' is a book written by
  (a) Robuanga   (b) P.C.Biaksiama
  (c) Rev.Zairema   (d) Lalsangzuali Sailo

52. 'Ben Hur' the world famous epic is written by
  (a) George Orwell   (b) John Milton
  (c) Lewis Wallace   (d) Leo Tolstoy

53. With what game is Tlangsiama associated?
  (a) Football   (b) Boxing
  (c) Wrestling   (d) Hockey

54. Computer software includes
  (a) Packaged programs   (b) Operating System Programs
  (c) Application Programs   (d) All of these

55. Where is RAM located?
  (a) Expansion Board   (b) External drive
  (c) Mother Board   (d) All of these

56. Technology used to provide internet by transferring data over wires of telephones network is?
  (a) Transmitter   (b) Diodes
  (c) HHL   (d) DSL

57. Who among the following invented Small Pox vaccine?
  (a) Robert Koch   (b) Edward Jenner
  (c) Robert Hooke   (d) Louis Pasteur

58. Who discovered planetary motion?
  (a) Copernicus   (b) Galileo
  (c) Kepler   (d) None of these

59. Who is the Inventor of Railway Engines?
  (a) George Stephenson   (b) W.H.F. Talbot
  (c) Eli Whitney   (d) Richard Trevithik

60. What is the full form of NECS?
    (a) North East Communication Services   (b) North Eastern Consumer Services
    (c) Northeast Consultancy Services   (d) None of these

61. Who has been honoured with Indian of the Year Award in June 2017?
    (a) Preeti Shenoy   (b) Arundhati Roy
    (c) Tuhin Sinha   (d) Narendra Modi

62. Which International group of campaigners won the Nobel Peace Prize on 6th Oct.2017?
    (a) PETA   (b) ICAN
    (c) ICIJ   (d) Act for Peace

63. Which of the following countries is called 'Crossroads of western Europe'?
    (a) Canada   (b) Belgium
    (c) Norway   (d) Egypt

64. Which country is called 'Land of Golden Pagoda'?
    (a) Myanmar   (b) Iraq
    (c) Egypt   (d) Bangladesh

65. Name the German Nun, also known locally as Pakistan's Mother Teresa, who died at the age of 87?
    (a) Maura Clarke   (b) Elizabeth Ann Seton
    (c) Mother Angelica   (d) Ruth Pfau

66. In which state India's first water ATM was inaugurated?
    (a) Haryana   (b) Kerala
    (c) Telengana   (d) Mumbai

67. Which country has launched 'world's biggest and most powerful' nuclear icebreaker Ship?
    (a) North Korea   (b) South Korea
    (c) Russia   (d) China

68. Who has been appointed as the first Vice President of Azerbaijan on February 21, 2017?
    (a) Elmar Mammadyarov   (b) Samir Sharifov
    (c) Mehriban Aliyeva   (d) Mikayil Jabbarov

69. Who is the author of the book Unstoppable: My Life So Far?
    (a) J.K. Rowling   (b) Alice Walker
    (c) Maria Sharapova   (d) Toni Morrison

70. Which is the smallest country to qualify for 2018 FIFA world cup?
    (a) Finland   (b) Ireland
    (c) Iceland   (d) Fuji

71. What is the long form of 'CID'?
    (a) Crime Investigation Department   (b) Criminal Investigation Department
    (c) Central Investigation Department   (d) Common Investigation Department

72. Who won 2017 Nobel Prize in Economics for his work on behavioural economics?
    (a) John Stuart Mill   (b) Milton Friedman
    (c) Adam Smith   (d) Richard H Thaler

73. Another word for CPU is

    (a) Micro Chip   (b) Microprocessor

    (c) Decode   (d) Execute

74. What is the full form of 'COMSAT'?

    (a) Communication Skill   (b) Common Self Admission Test

    (c) Communications Satellite   (d) Commodity Service

75. What is the position of India among 119 countries on Global Hunger Index 2017? Global Hunger Index (GHI) is a multi dimension measure that describes state of hunger situation on regional, national and global level. It is published annually by International Food Policy Research Institute.

    (a) 97   (b) 98

    (c) 99   (d) 100

Section - B
(Simple Arithmetic - 25 Marks)

76. A tap 'A' can fill a cistern in 8 hours and another tap 'B' can empty the full cistern in 12 hours. If both the taps are opened together when the cistern is empty, then the time require to fill the cistern is

    (a) 20 hours   (b) 22 hours

    (c) 24 hours   (d) 27 hours

77. The times, in seconds, taken by 150 athletes to run a 110 m hurdle race are tabulated below:

Class	13.8 - 14	14 – 14.2	14.2 – 14.4	14.4 – 14.6	14.6 – 14.8	14.8 - 15
Frequency	2	4	5	71	48	20

  The number of athletes who completed the race in less than 14.6 seconds is

    (a) 71   (b) 76

    (c) 82   (d) 119

78. The simple interest on a sum of money for 3 years at 10% per annum is Rs.9600. The sum is

    (a) Rs32000   (b) Rs.32500

    (c) Rs.35000   (d) Rs.35320

79. If 0.75 : 1.20 : : x : 8, then the value of x is

    (a) 3   (b) 4

    (c) 5   (d) 5.4

80. The cost of a pair of a roller skates at a shop was Rs.1700. If the sales tax charged was 5%, then the bill amount was

    (a) Rs.1870   (b) Rs.1875

    (c) Rs.1780   (d) Rs.1785

81. The area of a triangle whose sides are 13 cm, 12 cm and 5 cm is

    (a) 30 cm^2 (b) 35 cm^2

    (c) 37 cm^2 (d) 40 cm^2

82. What percentage is 390 g of 1 kg 500 g?
    (a) 20%
    (b) 22 %
    (c) 25 %
    (d) 26%

83. On selling a fan for Rs.810, Rema gains 8%.The cost price of the fan is
    (a) Rs.750
    (b) Rs.755
    (c) Rs.760
    (d) Rs.780

84. The perimeter of a rectangular plot of land is 80 m. If its breadth is 16 m, then the length of the land is
    (a) 40 m
    (b) 32 m
    (c) 24 m
    (d) 20 m

85. The value of $3\frac{3}{7}+1\frac{1}{14}\div 7\frac{1}{2}-\frac{3}{7}$ is

    (a) $5\frac{1}{7}$
    (b) $4\frac{2}{7}$

    (c) $3\frac{1}{7}$
    (d) $2\frac{1}{7}$

86. In what time will Rs.1250 amount to Rs.1400 at 6% per annum simple interest?

    (a) 2 years
    (b) $2\frac{1}{2}$ years

    (c) 3 years
    (d) $3\frac{1}{4}$ years

87. How many times does Rami have to run around a rectangular field 83 m long and 33m wide, in order to cover 812 m?
    (a) 2 times
    (b) 2.5 times
    (c) 3 times
    (d) 3.5 times

88. A bridge is to be constructed in three phases. $\frac{2}{9}$ part of the bridge was completed in phase I and $\frac{5}{14}$ part in phase II. How much part of the bridge remains to be completed in phase III?

    (a) $\frac{53}{126}$
    (b) $\frac{43}{126}$

    (c) $\frac{9}{14}$
    (d) $\frac{7}{9}$

89. The sum of 25 + 28 + 31 + ...+100 is
    (a) 1540
    (b) 1593
    (c) 1610
    (d) 1625

90. In a school, the ratio of the number of boys to girls is 5 : 8. If there are 320 girls, then the number of boys is
    (a) 280
    (b) 275
    (c) 250
    (d) 200

91. If $\dfrac{1}{4}x + \dfrac{1}{6}x = x - 7$,then the value of x is

  (a) 12   (b) 14

  (c) 17   (d) 24

92. Father is 5 years older than mother and the mother's age now is thrice the age of the daughter. The daughter is now 10 years old. What was the father's age when the daughter was born?

  (a) 23 years   (b) 25 years

  (c) 26 years   (d) 28 years

93. Rema can do a piece of work in 25 days and Mawia can finish it in 20 days. They work together for 5 days and Rema leaves. The remaining work is

  (a) $\dfrac{11}{20}$ (b) $\dfrac{11}{25}$

  (c) $\dfrac{9}{20}$ (d) $\dfrac{12}{25}$

94. An amount of Rs.155 is divided among three persons A, B and C such that $\dfrac{1}{8}$ A's share $= \dfrac{1}{7}$ B's share $= \dfrac{1}{16}$ C's share. Find B's share.

  (a) Rs.5   (b) Rs.35

  (c) Rs.40   (d) Rs.80

95. What should come in place of both x in the equation $\dfrac{x}{\sqrt{128}} = \dfrac{\sqrt{162}}{x}$?

  (a) 144   (b) 169

  (c) 13   (d) 12

96. The average of 8 numbers is 14. The average of 6 of these numbers is 16. What is the average of the remaining two numbers?

  (a) 7   (b) 8

  (c) 9   (d) 15

97. A gun is fired at a distance of 3.32km from Peyton. She hears the sound 10 seconds later. The speed of the sound is

  (a) 303m/s   (b) 332m/s

  (c) 342m/s   (d) 342m/s

98. Arrange the numbers $\dfrac{-3}{5}, \dfrac{7}{-10}$ and $\dfrac{-5}{8}$ in ascending order

  (a) $\dfrac{7}{-10}, \dfrac{-5}{8}, \dfrac{-3}{5}$ (b) $\dfrac{-5}{8}, \dfrac{-3}{5}, \dfrac{7}{-10}$

  (c) $\dfrac{-3}{5}, \dfrac{7}{-10}, \dfrac{-5}{8}$ (d) $\dfrac{-3}{5}, \dfrac{-5}{8}, \dfrac{7}{-10}$

99. If the price of tea is increased by 50%, by what per cent must a housewife reduce consumption, so as not to increase the expenditure of the family on tea ?

(a) $33\dfrac{1}{3}\%$ (b) $44\dfrac{1}{4}$

(c) 55%   (d) $55\dfrac{1}{5}\%$

100. A, B and C enter into business as partners and made a profit of Rs.1900. If A : B = 2 : 3, B : C = 2 : 3, find the share of B.

(a) Rs.550   (b) Rs.560

(c) Rs.600   (d) Rs.650

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