

# MIZORAM PUBLIC SERVICE COMMISSION

## COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POSTS OF DISTRICT ORGANISER (CONTRACT) UNDER DISASTER MANAGEMENT & REHABILITATION DEPARTMENT, APRIL, 2016

### GENERAL STUDIES PAPER - II

Time Allowed : 2 hours

Full Marks 150

*All questions carry equal marks of 2 each.*

*Attempt all questions.*

1. When did the first broad gauge train – a goods train – enter Mizoram?  
(a) 16<sup>th</sup> March, 2016  
(b) 21<sup>st</sup> March, 2016  
(c) 23<sup>rd</sup> February, 2016  
(d) 22<sup>nd</sup> February, 2016
2. President's rule has been imposed in which Indian State on 27<sup>th</sup> March 2016?  
(a) Arunachal Pradesh  
(b) Uttar Pradesh  
(c) Uttarakhand  
(d) Andhra Pradesh
3. The company that launched India's most ambitious project 'Freedom 251' at just Rs 251  
(a) Micromax  
(b) Google  
(c) BPL  
(d) Ringingbells
4. Recently, India has overtaken Thailand to become the world's largest exporter of which grain?  
(a) Wheat  
(b) Rice  
(c) Jowar  
(d) Maize
5. The theme of the 'World Health Day' 2016 observed globally on 7<sup>th</sup> April is  
(a) Halt the Rise Beat Diabetes  
(b) Halt the Rise Beat Diarrhea  
(c) Halt the Rise Beat Zika  
(d) Halt the Rise Beat Ebola
6. Ex officio Chairman of the State Disaster Management Authority is  
(a) Chief Secretary  
(b) Chief Minister  
(c) Governor  
(d) Minister, Disaster Management & Rehabilitation
7. Which country tops South Asia in Human Development Index (HDI) 2015?  
(a) India  
(b) Pakistan  
(c) Bhutan  
(d) Sri Lanka
8. The base of Islamic terrorists 'Molenbeek' which gained international attention is located in which the country?  
(a) France  
(b) Egypt  
(c) Belgium  
(d) Nigeria

9. The most popular appropriate response in an Earthquake is
- (a) Stop – Drop – Roll (b) Stop – Run – Leave  
(c) Triangle of Life (d) Drop – Cover – Hold
10. The First Responder in any Disaster situation is
- (a) The Police (b) The Army  
(c) The Local Community (d) The District Administration
11. Writer of the book, “A Bend in the River”
- (a) Vikram Seth (b) Dalai Lama  
(c) V.S.Naipaul (d) Arundhati Roy
12. Who coined the term BRIC?
- (a) Jim O’ Neil (b) Jimmy Daniel  
(c) C.Rangarajan (d) Daniel Potter
13. Kalikho Pul was sworn in on February 2016 to become the 9<sup>th</sup> Chief Minister of
- (a) Uttarakhand (b) Meghalaya  
(c) Arunachal Pradesh (d) Telangana
14. The chronological order of major Grand Slams of the world is
- (a) Australian Open, French Open, US Open  
(b) Australian Open, French Open, Wimbledon and US Open  
(c) Australian Open, US Open, French Open and Wimbledon  
(d) Australian Open, Wimbledon, French Open and US Open
15. What is the ranking of India in FIFA Coca-Cola World Ranking of April 2016?
- (a) 183 (b) 132  
(c) 156 (d) 162
16. The metal used in storage batteries is
- (a) Lead (b) Aluminium  
(c) Tungsten (d) Zinc
17. What does IMEI stand for?
- (a) Internal Monitoring Equipment Identity  
(b) International Mobile Equipment Identity  
(c) International Management & Engineering Institute  
(d) India, Myanmar, Ethiopia & Indonesia
18. The Disaster Management Act was enacted in
- (a) 2004 (b) 2005  
(c) 2006 (d) 2007
19. Disaster Management Cycle involves
- (a) Preparedness, Mitigation, Prevention, Response, Relief, Rehabilitation, Development  
(b) Preparedness, Mitigation, Response, Search & Rescue, Relief, Rehabilitation  
(c) Preparedness, Prevention, Response, Search & Rescue, First Aids, Relief  
(d) Preparedness, Mitigation, Response, Relief, Rehabilitation, Restoration

20. 'Modern Babylon' is a reference often made to represent
- (a) London
  - (b) Belgrade
  - (c) Budapest
  - (d) Venice
21. Pulitzer prize is awarded for outstanding work in the field of
- (a) Science and Technology
  - (b) International Understanding
  - (c) Literature and Journalism
  - (d) Environmental Studies
22. Earthquake that killed more than 8000 people last year happened on
- (a) 25<sup>th</sup> April, 2015, Nepal
  - (b) 26<sup>th</sup> May, 2015, Haiti
  - (c) 24<sup>th</sup> November, 2015, Japan
  - (d) 26<sup>th</sup> July, 2015, Chile
23. Earthquake that shook the whole North East India on the morning of 4<sup>th</sup> January, 2016 has epicenter near
- (a) Tamenglong, Manipur
  - (b) Dibrugarh, Assam
  - (c) Tura, Meghalaya
  - (d) Dimapur, Nagaland
24. In a computer, the parity bit is added for the purpose of
- (a) Coding
  - (b) Error detection
  - (c) Controlling
  - (d) Indexing
25. The three elements of Triangle of Fire are
- (a) Air (Oxygen), Water and Wind
  - (b) Spark, Dry Material and Wind
  - (c) Air (Oxygen), Heat and Combustible Material/Fuel
  - (d) Heat, Combustible Material/Fuel and Ignition
26. The common source of iodine is
- (a) Algae
  - (b) Fungi
  - (c) Bacteria
  - (d) None of these
27. When a tail of a lizard is amputated the animal is capable of replacing the lost tail by a process known as-
- (a) Differentiation
  - (b) Autotomy
  - (c) Regeneration
  - (d) Metamorphosis
28. An electrical lamp of 100W and 220V will have the resistance of:-
- (a) 2.2  $\Omega$
  - (b) 484  $\Omega$
  - (c) 22,000  $\Omega$
  - (d) 0.455  $\Omega$
29. The electrons in an incomplete outer shell are called
- (a) Valence electron
  - (b) Kernel electron
  - (c) Chemical electron
  - (d) Shell electron.
30. What would you suggest an athlete to take before going to participate in an event?
- (a) Butter
  - (b) Sugar
  - (c) Bread
  - (d) Cheese

31. INSAT-3D Satellite was launched successfully on July 26, 2013 with the purpose of
- (a) Oceanographic studies (A joint Indo-French satellite Mission)
  - (b) Communication Service, tele-education, tele-medicine. Village Resource Centre.
  - (c) Meteorological monitoring with advanced weather monitoring payloads.
  - (d) Multiple study of moon's surface.
32. A reason for maternal inheritance is due to genes present in
- (a) Cytoplasm
  - (b) Mitochondria
  - (c) Lysosomes
  - (d) Nucleolus
33. Tissue culture is helpful for
- (a) Understanding the factor responsible for cell differentiation and organ formation
  - (b) Collecting data of the plant's phylogeny
  - (c) Understanding its genetic variabilities
  - (d) None of these
34. If the earth be one-half of its present distance from the sun, the number of days in one year (one round orbit) will be
- (a) 730
  - (b) 365
  - (c) 182
  - (d) 129
35. Radioactivity is the phenomenon associated with the
- (a) Transition of radiowaves
  - (b) Production of radiowaves
  - (c) Decay of nucleus
  - (d) Reception of radiowaves
36. Indian-American astronaut Sunita Williams holds several records for female space traveller. Which of the following does she hold?
- i) Longest space flight (195 days)
  - ii) Number of spacewalks (four)
  - iii) Total time spent on spacewalks (29 hours and 17 minutes)
  - iv) First woman to travel into space.
- (a) ii, iii and iv
  - (b) i, ii and iii
  - (c) i, iii and iv
  - (d) All of these
37. Which of the following statement(s) is/are correct regarding Indian Science Research Organization (ISRO) endeavours?
- i) ISRO has planned to deploy its own version of the Global Positioning System known as the Indian Regional Navigational Satellite System (IRNSS)
  - ii) ISRO is designing a spacial 'eye-in-the-sky', Geo-Imaging Satellite (GISAT) to maintain round-the-clock vigil.
- (a) Only i)
  - (b) Only ii)
  - (c) Both i) and ii)
  - (d) None of these
38. Which of the following is not correctly matched?
- (a) National Physical Laboratory : New Delhi
  - (b) National Institute of Oceanography : Goa
  - (c) National Aeronautical Laboratory : Bangalore
  - (d) National Chemical Laboratory : Nasik

39. Consider the following:

- i) Bluetooth device
- ii) Cordless phone
- iii) Microwave oven
- iv) Wi-Fi device

Which of the above can operate between 2.4 and 2.5GHz range of radio frequency band?

- (a) i and ii only
- (b) iii and iv only
- (c) i, ii and iv only
- (d) i, ii, iii and iv

40. Match List I (finding /invention/calculation) with List II (Ancient indian scholars) and select the correct answer using the code given below the lists:

**List I**

- A. Time taken by the Earth to orbit the sun:
- B. Calculation of the value of  $\pi$  ('pi'):
- C. Invention of the digit zero:
- D. The game of snakes and ladders:

**List II**

- 1. Aryabhata
- 2. Bhaskaracharya
- 3. Budhayana
- 4. Gyandev

Code:    A    B    C    D

- (a)        2    3    1    4
- (b)        1    3    2    4
- (c)        2    4    1    3
- (d)        1    4    2    3

41. Who is the author of the book 'Handbook of Lushai Country'?

- (a) T.H.Lewin
- (b) A.O Chamber
- (c) A.G McCall
- (d) N.E Parry

42. In which year did Mizoram attain the status of Union Territory?

- (a) 1972
- (b) 1973
- (c) 1986
- (d) 1987

43. Who was the founder of the United Mizo Freedom Organisation (UMFO)?

- (a) R Vanlawma
- (b) Lalmawia
- (c) Lalbiakthanga
- (d) Ch Saprawnga

44. The foundation of Christianity in Maraland was laid by

- (a) J.H Lorrain
- (b) William Williams
- (c) R.A Lorrain
- (d) N.E Parry

45. Who introduced Land Settlement in Lushai Hills?

- (a) Col Steward
- (b) Lt. Col. Shakespeare
- (c) Alexander Mackenzie
- (d) Robert Reid

46. The abolition of Chieftainship in Lushai Hills was proclaimed on

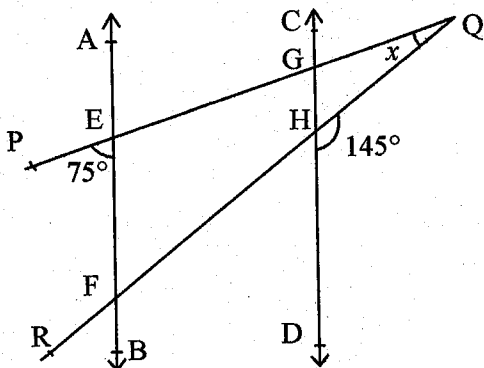
- (a) 1<sup>st</sup> April, 1953
- (b) 1<sup>st</sup> April, 1952
- (c) 1<sup>st</sup> April, 1955
- (d) 1<sup>st</sup> April, 1954

47. Committee on 'NE Frontier Tribal Areas and Assam, Excluded and Partially Excluded Areas' was also known as

- (a) Bordoloi Committee
- (b) Mukherjee Committee
- (c) Gogoi Committee
- (d) Saikia Committee

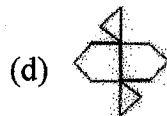
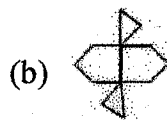
48. Who was responsible for tax assessment and vital statistics of the Mizo Village?  
(a) The Village Chief (b) Circle Interpreter  
(c) Upa (d) Superintendent
49. The portion used as sleeping place in Zawlbuk was known as  
(a) Awkpaka (b) Bahzar  
(c) Bawhbel (d) Laichhuat
50. A person who became Bawi due to poverty was called  
(a) Inpuichhung Bawi (b) Chemsen Bawi  
(c) Tukluih Bawi (d) Inchhung Bawi
51. In traditional Mizo society, who were the experts on the matter of lands, particularly in selection of forest areas for each year's cultivation?  
(a) Upa-min (b) Zalen  
(c) Ramhual (d) Chief
52. How many methods of Thangchhuah were there in traditional Mizo society?  
(a) Five (b) Four  
(c) Three (d) Two
53. In which year were the north and south Lushai Hills amalgamated?  
(a) 1905 (b) 1904  
(c) 1898 (d) 1894
54. Who was the first medical missionary in Mizoram?  
(a) Dr Peter Frazer (b) Dr E Christian Harr  
(c) Dr C.C Chesterton (d) Dr H.G Stockley
55. In which year was the Young Mizo Association (previously known was Young Lushai Association) established?  
(a) 1932 (b) 1935  
(c) 1942 (d) 1938
56. A wire is looped in the form of a circle of radius 28 cm. It is rebent into a square form. Find the length of the side of the square  
(a) 11 cm (b) 44 cm  
(c) 22 cm (d) 33 cm

57. In the given figure,  $AB \parallel CD$  and they cut  $PQ$  and  $QR$  at  $E, F$  and  $G, H$  respectively. If  $\angle PQR = x$ , then the value of  $x$  is

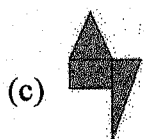
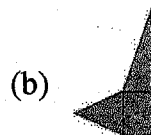
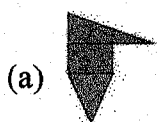
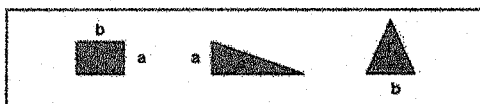


- (a)  $30^\circ$  (b)  $33^\circ$   
 (c)  $35^\circ$  (d)  $40^\circ$
58. The volume of a cube is numerically equal to sum of its edges. What is the total surface area in square units?  
 (a) 52 (b) 65  
 (c) 70 (d) 72
59. If  $\sqrt{\frac{x}{169}} = \frac{15}{13}$ , then  $x$  is equal to  
 (a) 13 (b) 15  
 (c) 225 (d) 625
60. What is the least number to be added to 8200 to make it a perfect square?  
 (a) 81 (b) 100  
 (c) 264 (d) 154
61. A tap A can fill a cistern in 5 hrs and the tap B can empty the full cistern in 6 hrs. If both the taps are opened together in the empty cistern, in how much time will the cistern be filled up?  
 (a) 25 hrs (b) 30 hrs  
 (c)  $40\frac{1}{2}$  hrs (d)  $15\frac{1}{2}$  hrs
62. A man gains 10% by selling an article for a certain price. If he sells it at double the price, then the profit made is  
 (a) 120% (b) 110%  
 (c) 100% (d) 50%
63. A sum becomes its double in 10 years. Find the annual rate of simple interest.  
 (a) 5% (b) 10%  
 (c) 15% (d) 20%
64.  $7 \times 3.6 \div 7.2 + 10.8$  of  $\frac{1}{18} - \frac{1}{10}$   
 (a) 1 (b) 2  
 (c) 3 (d) 4

65. The speed of a bus is 72km/h. The distance covered by the bus in 5 sec is  
(a) 60 m (b) 66.5 m  
(c) 100 m (d) 120 m
66. How much time will it take for an amount of Rs. 1,000 to yield Rs. 81 as interest at 4.5% per annum of simple interest?  
(a) 1.5 years (b) 1.8 years  
(c) 2.1 years (d) 2.4 years
67. If 20% of a=b, then b% of 20 is the same as  
(a) 10% of a (b) 4% of a  
(c) 20% of a (d) None of these
68. Such was the first conquest of Ireland, a conquest too \_\_\_\_\_ to be secure.  
(a) facile (b) facade  
(c) fabled (d) facetious
69. Many regions suffer permanently from deficient rainfall, in others, owing to the absence of irrigation works, the water supply is lost, while the burning of the grass at the end of summer, tends to \_\_\_\_\_ the soil and render it arid.  
(a) improve (b) impoverish  
(c) impound (d) implode
70. I \_\_\_\_\_ him good-bye.  
(a) wished (b) complimented  
(c) bade (d) All of these
71. Which is the odd one out?



72. Take a look at the following 3 shapes and decide which of the answers matches the shape when joined together by the corresponding letters.





73. Pointing to Sangi, Hriata said, "The son of her only brother is the brother of my wife". How is Sangi related to Hriata?
- (a) Mother's sister (b) Grandmother  
(c) Mother-in-law (d) Sister of father-in-law
74. If DELHI is coded as 73541 and CALCUTTA as 82589662, how can CALICUT be coded?
- (a) 5279431 (b) 5978213  
(c) 8251896 (d) 8543691
75. Which term of the series 5, 8, 11, 14, ..... is 320?
- (a) 104<sup>th</sup> (b) 105<sup>th</sup>  
(c) 106<sup>th</sup> (d) 64<sup>th</sup>

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