

# MIZORAM PUBLIC SERVICE COMMISSION

## TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF INSPECTOR OF TAXES

UNDER TAXATION DEPARTMENT, GOVERNMENT OF MIZORAM

JANUARY, 2016

### GENERAL STUDIES PAPER - III

Time Allowed : 2 hours

Full Marks : 200

*All questions carry equal marks of 2 each.*

*Attempt all questions.*

1. Which of the following is not a department under the Ministry of Science and Technology, Govt. of India?
  - (a) Department of Science & Technology
  - (b) Department of Scientific & Industrial Research
  - (c) Department of Biotechnology
  - (d) Department of New & Renewable Energy
2. What does the abbreviation CAPART stand for?
  - (a) Council for Advancement of People's Action and Rural Technology
  - (b) Council for Advancement of Public Action and Rural Technology
  - (c) Council for Awareness of People's Action and Rural Technology
  - (d) Council for Advancement of People's Action and Regional Technology
3. Which day is celebrated as National Technology Day in India?
  - (a) 11th May
  - (b) 12th April
  - (c) 19th July
  - (d) 11th June
4. Of the following combinations, where are the Indian Institute of Technology (IITs) which have been classified as Institutes of National Importance located?
  - (a) Kanpur, Kharagpur, Chennai, Mumbai
  - (b) Kharagpur, Chennai, Delhi, Kakinada
  - (c) Roorkee, Guwahati, Yanam, Chandigarh
  - (d) Kanpur, Guwahati, Jamshedpur, Noida
5. In which country was paper invented?
  - (a) India
  - (b) Egypt
  - (c) China
  - (d) Sudan
6. In which year was the telephone invented by Alexander Graham Bell?
  - (a) 1889
  - (b) 1883
  - (c) 1874
  - (d) 1876

7. What is the instrument used for measuring rainfall called?
  - (a) Hygrometer
  - (b) Hydrophone
  - (c) Rain Gauge
  - (d) Thermostat
8. What does the apparatus Sphygmomanometer measure?
  - (a) Strength of direct current
  - (b) Blood pressure
  - (c) Curvature of spherical objects
  - (d) Solar radiation
9. Which of the following is a measurement unit for finding the speed of a ship?
  - (a) Knot
  - (b) Angstrom
  - (c) Mach
  - (d) Bar
10. In which year did the first nuclear test explosion by India at Pokhran happen?
  - (a) 1988
  - (b) 1978
  - (c) 1974
  - (d) 1996
11. What is the name of India's first interplanetary spacecraft which was launched on November 5, 2013?
  - (a) Mars Orbiter
  - (b) INSAT
  - (c) Chandrayaan-2
  - (d) Aditya-1
12. The potential for storing significant amount of carbon in forests and other ecosystems as an alternative means of offsetting the effect of future emissions on Greenhouse gas concentration in the atmosphere is referred to as
  - (a) Carbon
  - (b) Carbon footprint
  - (c) Carbon Mitigation
  - (d) Carbon Sequestration
13. Who is the present Minister of Science & Technology in the Central Govt. of India?
  - (a) Dr. Harsh Vardhan
  - (b) Prakash Javadekar
  - (c) Ramvilas Paswan
  - (d) Dr. Sanjeev Kumar Balyan
14. What is the name of the multi-wavelength space observatory satellite launched into space by ISRO on 28th September, 2015?
  - (a) ASTROSAT
  - (b) CARTOSAT
  - (c) METEOSAT
  - (d) ERSAT
15. Which type of wave is used for transmission of signal for mobile phones?
  - (a) Microwave
  - (b) X-ray
  - (c) Ultraviolet ray
  - (d) Radio wave
16. Light from the nearest star (other than the sun) reaches the earth in approximately
  - (a) 42 years
  - (b) 42 seconds
  - (c) 4.2 years
  - (d) 4.2 seconds
17. On which of the following planets is the presence of liquid being announced by NASA recently?
  - (a) Venus
  - (b) Mars
  - (c) Mercury
  - (d) Jupiter
18. The scientific name of man is Homo sapiens, Homo denotes the name of
  - (a) Family
  - (b) Genus
  - (c) Species
  - (d) Common name

19. What is the name of the alert service launched by Union Agriculture Minister Radha Mohan Singh on 18th June 2015 that will send sms alert and updates on extreme weather conditions such as thunder, hailstorms, etc. to over one crore registered farmers on their mobile phones?
- (a) FORECAST (b) SHOWCAST  
(c) KISANCAST (d) NOWCAST
20. Who is known as the Father of Indian Space Programme?
- (a) C.V.Raman (b) Vikram A. Sarabhai  
(c) Kasturirangan (d) Satish Dhawan
21. Which of the following is India's first operational remote sensing satellite?
- (a) IRS-1A (b) INSAT-1A  
(c) GSAT-1 (d) PSLV-D3
22. A device used for measuring the depth of sea
- (a) Altimeter (b) Hydrometer  
(c) Fathometer (d) Manometer
23. Which of the following is the first surface-to-surface missile made in India?
- (a) Akash (b) Trishul  
(c) Nag (d) Prithvi
24. ISRO headquarters is located in
- (a) Delhi (b) Chennai  
(c) Mumbai (d) Bengaluru
25. Who is the president of the Council of Scientific and Industrial Research?
- (a) President of India  
(b) Vice-President of India  
(c) Prime Minister of India  
(d) Union Minister of Science and Technology
26. What is the flagship programme of Science & Technology Department, Govt. of India to attract talented youth to study and have careers in science?
- (a) FIST (b) INSPIRE  
(c) PURSE (d) CURIE
27. Cooking gas is a mixture of
- (a) Propane & Methane (b) Carbon dioxide & Carbon monoxide  
(c) Butane & Propane (d) Oxygen & Butane
28. India's first supercomputer is known as
- (a) SAGA (b) PARAM 8000  
(c) EKA (d) PARAM YUVA
29. Which multi-national company has announced to provide high-speed public Wi-Fi services in 500 Indian railway stations?
- (a) Google (b) Microsoft  
(c) Apple (d) Samsung
30. Which of the following is the first IIT established in India?
- (a) IIT Kharagpur (b) IIT Mumbai  
(c) IIT Chennai (d) IIT Kanpur

31. In India, National Science Day is celebrated on  
(a) 28<sup>th</sup> January (b) 15<sup>th</sup> August  
(c) 21<sup>st</sup> November (d) 28<sup>th</sup> February
32. What is the project launched by Prime Minister Narendra Modi which aims to offer one-stop shop for Government services where mobile phones would be used as a backbone of its delivery mechanism?  
(a) Digital India (b) Make in India  
(c) Swachh Bharat (d) Vision 2020
33. The world's highest terrestrial research centre which was recently established by DRDO is located in  
(a) Leh (b) Khardung  
(c) Changla (d) Kargil
34. Who first correctly explained the process of blood circulation?  
(a) Charles Darwin (b) Gregor Johann Mendel  
(c) William Harvey (d) Alexander Flemming
35. India's first unmanned lunar probe Chandrayaan-1 was launched from  
(a) Thiruvananthapuram (b) Wheeler Island  
(c) Balasore (d) Sriharikota
36. ICAR Complex in Mizoram is located at  
(a) Hnahthial (b) Kolasib  
(c) Aizawl (d) Lunglei
37. Who formulated the Periodic Table for chemical element?  
(a) Dmitri Mendeleev (b) Georges Cuvier  
(c) Pierre Curie (d) Alfred Wegener
38. Radiowaves are reflected back to earth from which atmospheric layer?  
(a) Exosphere (b) Troposphere  
(c) Ionosphere (d) Stratosphere
39. Who said "Mizo stands for the word head cutter in English, for the Mizo word *lu* means head and *shai* means to cut"?  
(a) T.H Lewin (b) Brigadier General Bouchier  
(c) Major Shakespeare (d) MacCall
40. 'The term *Mizo* is a collective name for the people inhabiting Mizoram, possessing one language, same origin and a common way of life...' began to be used in  
(a) 1951 census (b) 1961 census  
(c) 1971 census (d) 1981 census
41. Alexandrapore tea garden was attacked by the Mizo  
(a) On 24<sup>th</sup> February 1865 (b) On 23<sup>th</sup> January 1871  
(c) On 20<sup>th</sup> March 1875 (d) On 15<sup>th</sup> June 1880
42. The first Lushai expedition was launched in  
(a) 1865 - 1869 (b) 1869 - 1870  
(c) 1871 - 1872 (d) 1873 - 1875
43. Mizoram was made as one of the union territories of Assam state in  
(a) 1965 (b) 1972  
(c) 1975 (d) 1976

44. *Mura Pukis* situated at  
(a) Zote Village (b) Zopui village  
(c) Ruantlang Village (d) Rulchawm Village
45. Which of the following were all under the direct control of the chief?  
(a) *tlangau, thirdeng, ramhual, puithiam, zalen and khawchhiar*  
(b) *tlangau, thirdeng, valupa, ramhual, puithiam and khawchhiar*  
(c) *puithiam, ramhual, zalen, khawchhiar, pasaltha and tlangau*  
(d) *tlangau, ramhual, puithiam, valupa, tlangval, and thirdeng*
46. After death, the soul had to pass through different stages of journey  
(a) Rihdil, Hringlang tlang, Hawilopar, Lunglohtui  
(b) Rihdil, Hringlang tlang, Lunglohtui, Hawilopar  
(c) Rihdil, Lunglohtui, Hringlang tlang, Hawilopar  
(d) Rihdil, Hawilopar, Hringlang tlang, Lunglohtui
47. *Khawzim pathiam* was associated with  
(a) Chapchar kut (b) Mim kut  
(c) Pawl kut (d) Chhawngnawt
48. Which Mizo folktale is associated with Hmuichukchuriduninu?  
(a) Nuchhimi (b) Thailungi  
(c) Rimenhawih (d) Sichangneii
49. The first formal school in Mizoram was started in the year  
(a) 1890 (b) 1891  
(c) 1892 (d) 1893
50. When was Zawlbuk abandoned in Mizoram?  
(a) 1925 (b) 1926  
(c) 1927 (d) 1928
51. The first president of Young Lushai Association was  
(a) J.H Lorrain (b) E.L Mendus  
(c) NE Parry (d) Rev L.Evans
52. *Mizo National Famine Front* was converted into a political party called *Mizo National Front*  
(a) 2<sup>nd</sup> October 1961 (b) 22<sup>nd</sup> October 1961  
(c) 4<sup>th</sup> May 1963 (d) 8<sup>th</sup> March 1965
53. The first known massive famine called *mautam* occurred in the year  
(a) 1861 (b) 1870  
(c) 1890 (d) 1911
54. Population of Mizoram (Provisional) according to 2011 census is  
(a) 1,081,014 (b) 1,091,014  
(c) 1,071,019 (d) 1,053,015
55. According to Mizo mythology, the spirit of the dead person shall go to this place soon after death  
(a) Lentlang (b) Rih dil  
(c) Pialral (d) Lungrahbuk

56. The Mizo language belongs to this Language Group  
(a) Tibeto - Burman (b) Mongoloid group  
(c) Indo - Aryan group (d) Burmese - Chin group
57. The other name for the Mizo traditional dance Khuallam is  
(a) Thingdimlam (b) Bamboo dance  
(c) Chawngchen lam (d) Solakia
58. The traditional Mizo tax, paid to the chief in the form of paddy at the end of the year is  
(a) Buh chhun (b) Fathang  
(c) Fano chhiah (d) Buh man
59. Due/extra fine imposed on the loser of the case in the Mizo chief's court equivalent to Rs. 5/- or a pig is called  
(a) Pumhlawh (b) Rawk  
(c) Salam (d) Ram
60. The Superintendent of Lushai Hills who wrote a book entitled 'A Monograph on Lushai Customs and Ceremonies' was  
(a) N.E.Parry (b) A.G.McCall  
(c) T.H.Lewin (d) J.Shakespear
61. A court-room in the house of the Mizo chief is known as  
(a) Dawwan (b) Bahzar  
(c) Luhka (d) Vanlung
62. The Mizo chief may be punished by his rebellious citizens in case of the former's misbehaviour towards his people. This punishment is known as  
(a) Ram (b) Hnawhchhuah  
(c) Zawn (d) Sawi
63. Often said to be the greatest Mizo law giver/maker, often compared to Moses in the Bible was  
(a) Lalsavunga (b) Pu Buanga  
(c) Pu Kawlha (d) Bengkhuaia
64. The Mizo name given to the month of November is  
(a) Sahmulphahthla (b) |au thla  
(c) Nikir thla (d) Vau thla
65. A person who become bawi (slave) for the sake of being a murderer is  
(a) Chemsen Bawi (b) Vanlung-Ur  
(c) Chhungpui Bawi (d) Tukluh Bawi
66. A Mizo bride should not enter into the bridgeroom's house without bringing this special cloth  
(a) Zawlpuan (b) Puanchei  
(c) Puanzeh (d) Hmar-am
67. The latest awardee of Pu Buanga Award is  
(a) C.Chhuanvawra (b) R.L.Thanmawia  
(c) Lalthangfala Sailo (d) Laltluangliana Kiangte

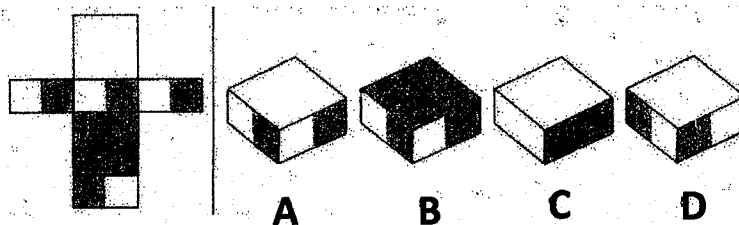
68. Located near Vangchhia village where a cluster of megaliths found, declared as National Importance of Heritage of India
- (a) Lam\huamthum (b) Kawtchhuah ropui  
(c) Lamsial Puk (d) Satin lam\huam
69. Who was the last Superintendent and the first Deputy Commissioner of the Lushai Hills?
- (a) S.N.Barkataki, IAS (b) A.Ahmed, IAS  
(c) L.S.Ingty, IAS (d) K.G.R.Iyer, IAS
70. The last Lt. Governor and the first Governor of Mizoram was
- (a) H.S.Dubey (b) S.N.Kohli  
(c) Swaraj Kaushal (d) Hiteswar Saikia
71. The height of Phawngpui, the loftiest mountain peak in Mizoram is
- (a) 2141 metres (b) 2157 metres  
(c) 2050 metres (d) 1980 metres
72. The Mizoram Liquor (Prohibition and Control) Bill, 2014 came into force on
- (a) January 15, 2015 (b) January 15, 2014  
(c) January 20, 2015 (d) January 21, 2015
73. Taxation Department of Mizoram was bifurcated from Excise & Taxation Department and became a full-fledged department in the year
- (a) 2010 (b) 1973  
(c) 2006 (d) 2009
74. The present Taxation Minister of Mizoram is
- (a) R.Lalzirliana (b) R.Romawia  
(c) Lalsawta (d) J.H.Ro\huama
75. The present Commissioner of Taxes in the Taxation Department is
- (a) Lalmalsawma (b) Lalthansanga  
(c) L.N.Tochwawng (d) K.Sanglawma
76. In order to make Rs.240 a week, the number of hours that a man making Rs.8 per hour should work each week is
- (a) 30 (b) 32  
(c) 40 (d) 60
77. In a long jump competition, Ravi jumped 14ft. 5in. and Shyam jumped 11ft. 9in how much further did Ravi jump than Shyam?
- (a) 3ft.4in (b) 2ft.14in  
(c) 2ft.8in (d) 3ft.8in
78. A thief running at 8kms/hour is chased by a policeman whose speed is 10 kms/hour. If the thief is 100 metres ahead of the policeman when the chase started, then the time required for the policeman to catch the thief will be
- (a) 2 minutes (b) 6 minutes  
(c) 3 minutes (d) 10 minutes
79. Square root of 169
- (a) 13 (b) 43  
(c) 84.5 (d) 169

80. What should come in the place of question mark (?) in the number series given below?  
25, 34, 52, 79, 115, ?
- (a) 160 (b) 140  
(c) 153 (d) None of these
81. If the fractions  $\frac{8}{5}$ ,  $\frac{7}{2}$ ,  $\frac{9}{5}$ ,  $\frac{5}{4}$ ,  $\frac{4}{5}$  are arranged in descending order of their values, which one will be fourth?
- (a)  $\frac{4}{5}$  (b)  $\frac{8}{5}$   
(c)  $\frac{9}{5}$  (d)  $\frac{5}{4}$
82. Look carefully for the pattern, and then choose which pair of numbers comes next.  
28, 25, 5, 21, 18, 5, 14,
- (a) 11, 5 (b) 10, 7  
(c) 11, 8 (d) 5, 10
83. Look at this series: 70, 71, 76, \_\_, 81, 86, 70, 91, ... What number should fill the blank?
- (a) 70 (b) 71  
(c) 80 (d) 96
84. Horse is to cavalry as foot is to \_\_\_\_\_
- (a) yard (b) travel  
(c) armoury (d) infantry
85. Synonym of 'Obnoxious'
- (a) agreeable (b) congenial  
(c) offensive (d) attractive
86. A substitute for "one who likes to spend time with others" in one word can be
- (a) introvert (b) misologist  
(c) extravert (d) commoner
87. What does it mean to say "birds of a feather flock together"?
- (a) birds of the same type tend to travel together in flocks  
(b) people tend to live near other people  
(c) people of the same type usually associate with one another  
(d) its not a good idea to associate with bad company
88. DIVA: OPERA
- (a) producer : theatre (b) director : drama  
(c) conductor : bus (d) thespian : play
89. Image is to camera just as
- (a) wine is to bottle (b) peach is to box  
(c) sound is to tape (d) light is to candle
90. Which of the following words is the odd one out?
- (a) Essential (b) Vital  
(c) Crucial (d) Trivial



Directions to solve (Questions 91 - 92) : Choose from among A–D what the figure on the left will look like when folded.

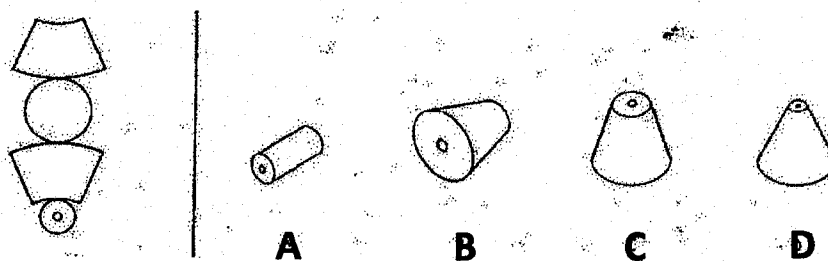
91.



- (a) A
- (c) C

- (b) B
- (d) D

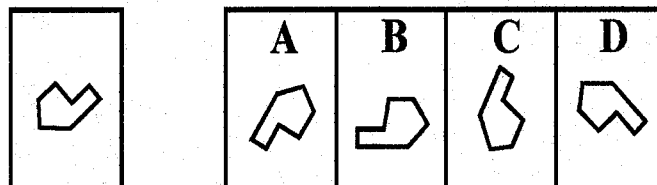
92.



- (a) A
- (c) C

- (b) B
- (d) D

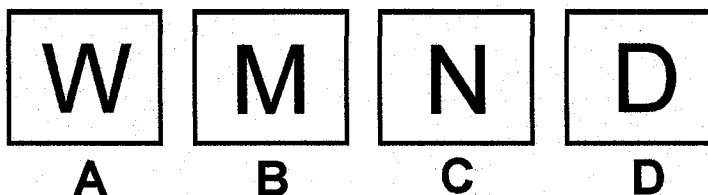
93. The problem in this test consists of one figure on the left of a vertical line and four figures on the right. You are to decide which of the four figures on the right is the same as the figure on the left.



- (a) A
- (c) C

- (b) B
- (d) D

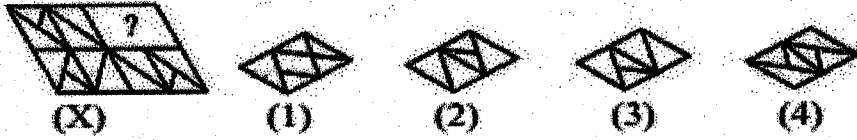
94. Select the odd one



- (a) A
- (c) C

- (b) B
- (d) D

95. Identify the figure that completes the pattern.



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

96. Today is Thursday. The day after 59 days will be?

- (a) Sunday
- (b) Monday
- (c) Tuesday
- (d) Wednesday

97. Samuel's mother is the only daughter of Esther's father. How is Esther's husband related to Samuel?

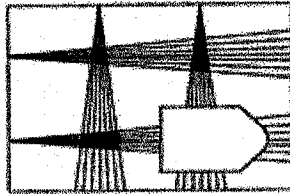
- (a) Uncle
- (b) Father
- (c) Grandfather
- (d) Data inadequate

98. M, N, O, P and Q are five rivers, M is shorter than N but longer than Q. O is the longest and P is little shorter than N and a little longer than M. Which is the shortest river?

- (a) M
- (b) N
- (c) O
- (d) Q

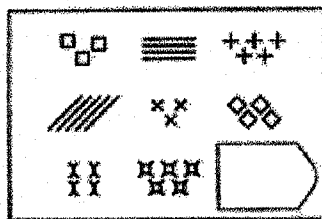
*Directions to solve (Questions 99 - 100) : Fill in the missing part of the figure by choosing any one from (a) - (d).*

99.



- (a)
- (b)
- (c)
- (d)

100.



- (a)
- (b)
- (c)
- (d)