

# MIZORAM PUBLIC SERVICE COMMISSION

## COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF LABOUR OFFICER UNDER LABOUR, EMPLOYMENT, SKILL DEVELOPMENT & ENTREPRENEURSHIP DEPARTMENT, GOVERNMENT OF MIZORAM, OCTOBER-2021.

### GENERAL STUDIES PAPER - III

Time Allowed : 2 hours

Full Marks : 200

*All questions carry equal mark of 2 each.*

*Attempt all questions.*

1. What is India's first operational remote sensing satellite?  
(a) IRS-1A (b) INSAT-1A  
(c) GSAT-1 (d) PSLV-D3
2. The first Indian Lunar probe under Chandrayaan program – Chandrayaan-1 was launched from the site –  
(a) Sriharikota (b) Wheeler Island  
(c) Balasore (d) None of the above
3. Who is known as the father of Indian nuclear programme?  
(a) Raja Ramanna (b) APJ Abdul Kalam  
(c) Homi J Bhabha (d) Vikram Sarabhai
4. When was the first expedition to Antarctica started by India?  
(a) 1971 (b) 1975  
(c) 1980 (d) 1981
5. A new cheaper, quicker and pollution-free 'soil-to-soil technology' to manufacture 'biofuel' has been developed by researchers at –  
(a) IIT-Gandhinagar (b) IIT-Jamshedpur  
(c) IIT-Kanpur (d) IIT-Kharagpur
6. The Defence Research Development Organisation (DRDO) has developed a drug named, 'Lukoskin'. It is being used in the treatment of –  
(a) Leukorrhea (b) Lung Cancer  
(c) Leucoderma (d) Leukemia
7. If a computer has more than one processor then it is known as?  
(a) Uniprocess (b) Multiprocessor  
(c) Multithreaded (d) Multiprogramming
8. Who developed the World's first water-based computer along with his team?  
(a) Nitya Anand (b) Harish Chandra  
(c) Anna Mani (d) Manu Prakash
9. In which year did IT Act came into force in India?  
(a) 1995 (b) 2000  
(c) 2004 (d) 2008

10. TRAI recently suggested the following entity to be allocated 5 MHz spectrum in the 700 MHz band for safety purpose on administrative basis.
- (a) Indian Air Force (b) Indian Railways  
(c) National Disaster Management Authority (d) National Security Council
11. The first nuclear test conducted by India under the code name of 'Smiling Buddha' was in the year –
- (a) 1973 (b) 1974  
(c) 1975 (d) 1976
12. What is the full form of LTE in wireless communication?
- (a) Long Time Enable (b) Link of Telecommunication Equipments  
(c) Live Through Equipments (d) Long Term Evolution
13. Airtel launched 4G in India (Kolkata) becoming the first company to provide 4G services in India. Which date was it?
- (a) 12<sup>th</sup> March, 2011 (b) 10<sup>th</sup> April, 2012  
(c) 7<sup>th</sup> May, 2013 (d) 10<sup>th</sup> June, 2014
14. Theoretically, the capacity of data transfer in cellular network is inversely proportional to the –
- (i) Computing speed (ii) Range  
(iii) Size of memory
- (a) (i) and (ii) (b) (ii)  
(c) (ii) and (iii) (d) None of the above
15. The main improvement of 5G over 4G would be –
- (a) Transfer speed (b) Penetrability  
(c) Longer range (d) All of the above
16. Name the government service, which helps patients in booking online appointments in government hospitals?
- (a) Hospital Management System (HMS) (b) Health Monitoring System (HMS)  
(c) Self Service System (SSS) (d) Online Registration System (ORS)
17. Name the government service, which allows government entities to procure common goods and services without requiring them to go through painful tendering system?
- (a) Government e-Marketplace(GeM)  
(b) Online Government Goods and Services (OGGS)  
(c) e-Marketplace for Government (MFG)  
(d) Government One-Stop Shop (GOSS)
18. Digital India was launched by the Prime Minister Narendra Modi with an objective of connecting rural areas with high-speed Internet networks and improving digital literacy. Which year was it launched?
- (a) 2013 (b) 2014  
(c) 2015 (d) 2016
19. What is the name of Indian Mars programme which was launched on 5<sup>th</sup> November, 2013 and also put India as the first nation to become successful in the first attempt?
- (a) Mangalyaan (b) Chandrayaan  
(c) NISAR (d) Shukrayaan

20. A satellite was launched on 14<sup>th</sup> November, 2018 carrying transponders that would bridge digital divide of users especially who are in Jammu and Kashmir and North Eastern regions of India. What is the name of the satellite?
- (a) GSAT-29 (b) GSAT-28  
(c) GSAT-27 (d) GSAT-26
21. The PSLV and GSLV differs mainly because of –
- (a) PSLV can deliver more payload than GSLV  
(b) The delivery range of PSLV is more than that of GSLV  
(c) PSLV is used for delivery of satellites to Sun-Synchronous circular polar orbits  
(d) All of the above
22. The current Principal Scientific Adviser to the Govt of India is –
- (a) Prof. K VijayRaghavan (b) Dr. R. Chidambaram  
(c) Krishnamurthy Subramanian (d) Anand Singh Bhal
23. The government of India initiated instant transfer of money across accounts through virtual payment account and was developed by NPCI –
- (a) Net Banking (b) IMPS  
(c) NEFT (d) UPI
24. QR code stands for –
- (a) Quick Read code (b) Quick Response code  
(c) Quick Revert code (d) Quick Raise code
25. \_\_\_\_\_ is a name of security intended to prevent data being read or secretly modified, other than by the true sender and recipient(s) like in whatsapp.
- (a) Point-to-point encryption (b) Username and password  
(c) End-to-end encryption (d) Public Key encryption
26. Which section of IT Act contains about punishment for publishing or transmitting obscene material in electronic form?
- (a) 67 (b) 56  
(c) 45 (d) 84
27. What is generally allowed from ethical point of view?
- (a) Monitoring the employees' activities on employers' owned computer and network.  
(b) Accessing a close friend's computer or mobile phone without his/her consent.  
(c) Jokingly sending threatening text messages to close friends from unknown number.  
(d) None of the above.
28. What is the maximum punishment for a person who commits cyber terrorism under IT Act 2000?
- (a) Imprisonment upto 5 years (b) Imprisonment upto 10 years  
(c) Imprisonment for life (d) Death sentence
29. Which is the name given to a platform that allows paperless documents and certificates to be issued and verified without requiring to produce physical documents?
- (a) Digital Locker (b) Aadhar  
(c) DigiLocker (d) Digital Repository

30. Who was the cyber criminal who was recently caught for doing business in cyber crime that involves stealing funds, snooping around financial status of others, hacking emails etc and his enterprise grown into \$600 million business from 2011?
- (a) Vijay Mallya (b) Sanjay Behara  
(c) Vijay Malik (d) Amit Tiwari
31. Current trend in Information Technology that makes use of internet and is being changing the way several things are connected –
- (a) Internet of Things (b) Network of Things  
(c) Internet of Mobiles (d) Network of Mobiles
32. With the advancement of using technologies in our everyday life, the two components are familiar with physical reading and response –
- (a) Readers and writers (b) Readers and activators  
(c) Sensors and activators (d) Sensors and actuators
33. What is the major concern with the growing technology?
- (a) Security (b) Privacy  
(c) Cyber Crime (d) All of the above
34. Though there can be no globally accepted definition of Smart City, the following is/are priorities to smart city definition –
- (i) Use of ICT (ii) Smarter living  
(iii) Getting things done easily (iv) Better roads
- (a) (i) (b) (i) and (ii)  
(c) (i), (ii) and (iii) (d) All of the above
35. Which of the following money transfer is NOT instant, i.e., requires clearing?
- (a) NEFT (b) UPI  
(c) IMPS (d) RTGS
36. An address used to identify each host in the internet is called –
- (a) MAC address (b) Remote address  
(c) IP address (d) Port number
37. The ambitious initiative by the Government of India in order to have smart, effective, accessible and transparent government and was approved in 2006 is called –
- (a) National e-Governance Plan (b) Indian e-Governance Plan  
(c) Smart India Plan (d) Smart Government Initiative
38. \_\_\_\_\_ is an online educational programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality and seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution.
- (a) Online Learning Courses (OLC) (b) Swayam  
(c) Learn By Yourself (LBY) (d) Education India
39. Who said this “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. Which of the following is not Mizo indigenous trapping of birds?
- (a) Sahdal (b) Thangthleng  
(c) Beai thang (d) Hnawhtawt

41. J.M Llyod also translated the term Mizo as
- (a) Colonized people (b) Friend of the people  
(c) People of the hills (d) Hill men
42. List out one Mizo indigenous method of trapping animal
- (a) Vawmtlak (b) Vaithang  
(c) Kilen (d) Thangchep
43. In which census, 'The term *Mizo* is a collective name for the people inhabiting Mizoram, possessing one language, same origin and a common way of life...' is began to use in
- (a) 1951 census (b) 1961 census  
(c) 1971 census (d) 1981 census
44. The first Lushai expedition was launched in
- (a) 1865 - 1869 (b) 1869 – 1870  
(c) 1871 – 1872 (d) 1873- 1875
45. In which year Mizoram came under the administration of the British India Government?
- (a) 1890 (b) 1891  
(c) 1892 (d) 1893
46. Mizoram was made as one of the Union Territory of Assam State in
- (a) 1965 (b) 1972  
(c) 1975 (d) 1976
47. *Surtlang* is situated at
- (a) Lengteng Constituency (b) Chalfilh Constituency  
(c) Tawi Constituency (d) Champhai North
48. Which Mizo women is associated with Chalthanga?
- (a) Lianchhiari (b) Thailungi  
(c) Chhingpuii (d) Laltheri
49. Which of the following was not a traditional festival of Mizo?
- (a) Pawl kut (b) Mim kut  
(c) Chapchar kut (d) Vangpui kut
50. Tialpari puk was situated near
- (a) Sur tlang (b) Lengteng tlang  
(c) Phawngpui tlang (d) Pukzing village
51. *Mura Puk* is situated at
- (a) Zote Village (b) Zopui village  
(c) Ruantlang Village (d) Rulchawm Village
52. Which one of the following is correct in connection with first Mizo chief?
- (a) Vanhnuailiana (b) Zahmuaka  
(c) Sailova (d) Lallula
53. In traditional Mizo society, it was customary on the part of the bride to bring along with her
- (a) Pawnpui (b) Fian  
(c) Puanbu (d) Hmui

54. Which one of the following statement is correct?  
(a) Zawlbuk was a placed under the charge of a leader called *upa*  
(b) Young boys who supplied zawlbuk with fire wood every night were called *thingfawm rual*  
(c) They never discuss together and took unanimous decision.  
(d) Zawlbuk was placed under the charge of a leader called *Val upa*
55. Which one of the following statement is not the objective of *Thangchhuah*?  
(a) To avoid the pellets of Pawla  
(b) To earn respect in life time  
(c) To achieve the eternal bliss of *Pialral*  
(d) To avoid *sachhiah* from the chief
56. *Khawzim pathian* was associated with  
(a) Chapchar kut  
(b) Mim kut  
(c) Pawl kut  
(d) Chhawngnawt
57. In which year J. Shakespeare's book entitled *Mizo and Non Mizo Tales* was published?  
(a) 1898  
(b) 1899  
(c) 1891  
(d) 1892
58. Which Mizo folktale is associated with *Sekiphir*?  
(a) Nuchhimi  
(b) Lalruanga leh Keichala  
(c) Liandovate unau  
(d) Sichangneii
59. In which Mizo folktale *Kutungpui rai* was found?  
(a) Kungawrhi  
(b) Phawthira  
(c) Hluanchhinga  
(d) Chemtei
60. Which one of the following is correct for *Khuallam*?  
(a) A mixed gender dance that celebrated successfully hunting, would sway cloth with singing and music  
(b) Dancer standing alternately in a triangle holding one another a mixed gender  
(c) Dancer sing and sway to and fro in a slow rhythm  
(d) None of the above
61. Which of the following *chhiah* was not entitled by a chief?  
(a) Khuaichhiah  
(b) Chichhiah  
(c) Sachhiah  
(d) Ranchhiah
62. In traditional marriage, a prize of Sailo girl was  
(a) Ten sial  
(b) Two sial  
(c) Three sial  
(d) Seven sial
63. In a war, when a person after deserting his own party, joined the victorious side and promise that he and his descendants would obey the chief , such persons were called  
(a) Tukluh bawi  
(b) Chemsen bawi  
(c) Inpuichhung bawi  
(d) Inhrang bawi
64. Which of the following village officials were introduced by the British?  
(a) Thirdeng  
(b) Tlangau  
(c) Khawchhiar  
(d) None of the above
65. In which year Government of Assam replaced the words *Bawi* by a new term *chhungte*?  
(a) 1925  
(b) 1926  
(c) 1927  
(d) 1928

66. When did Zawlbuk come to an end in Mizoram?  
(a) 1925 (b) 1926  
(c) 1927 (d) 1928
67. The first president of Young Lushai Association was  
(a) J.H Lorrain (b) E.L Mendus  
(c) NE Parry (d) Rev L.Evans
68. Mizo Common People's Union was renamed as Mizo Union in the year  
(a) 1946 (b) 1936  
(c) 1926 (d) 1948
69. *Mizo National Famine Front* was converted into a political called *Mizo National Front* in  
(a) 2<sup>nd</sup> October 1961 (b) 2<sup>nd</sup> June 1962  
(c) 4<sup>th</sup> May 1963 (d) 8<sup>th</sup> March 1965
70. Which one of the following is not features of economic life of the Mizo people?  
(a) Hunting (b) Miruang inchuh  
(c) Hnatlang (d) Ruaitheh
71. The first known massive famine called *mautam* occurred in  
(a) 1861 (b) 1870  
(c) 1890 (d) 1911
72. Which of the following is true in regards to the abolition of *kuli* in Mizoram?  
(a) 22 January 1952 (b) 20 February 1952  
(c) 13 January 1953 (d) 21 June 1952
73. Which of the following is not true in regards to *Chawngchen zai*?  
(a) Lalvunga zai (b) Hla tluang  
(c) Lumtui zai (d) Tlangkhaw zai
74. When did first general census held in Mizoram?  
(a) 1891 (b) 1901  
(c) 1911 (d) 1921
75. The biggest river in Mizoram is  
(a) Tlawng (b) Tuivai  
(c) Khawthlangtuipui (d) Chhimtuipui

**Direction (Questions No. 76 - 83) : Find the missing character?**

76. 

0	7
63	?

- (a) 14 (b) 20  
(c) 26 (d) 42

77. 

2	4
?	16

- (a) 18 (b) 64  
(c) 125 (d) 256

78.

B	15	?
3	N	21

- (a) T (b) S  
(c) R (d) U

79.

A	J	M
D	G	?

- (a) Q (b) P  
(c) R (d) N

80. 2, 7, 9, 3, 8, 11, 4, 9, 13, .....?....., 10, 15

- (a) 2 (b) 3  
(c) 4 (d) 5

81. 10, 18, 28, 40, 54, ...?..., 88

- (a) 64 (b) 70  
(c) 81 (d) 120

82. 4, 5, 20, 5, 6, 30, 6, 7, 42, 7, 8, ...?..., 8, 9, 72

- (a) 48 (b) 56  
(c) 64 (d) 70

83. 118, 111, 104, ...?..., 90, 83

- (a) 102 (b) 100  
(c) 97 (d) 95

**Direction (Questions No. 84 - 90) : Read the following passage carefully and choose the best answer to each of the questions out of the four alternatives:**

Adverse after-effects of stress, such as decreases in performance and attention span, often persist long after the stressful event itself is no longer present. After-effects of stress have been observed in response to a wide range of stressors, including noise, high task load, electric shock, bureaucratic stress, crowding, and laboratory-induced stress.

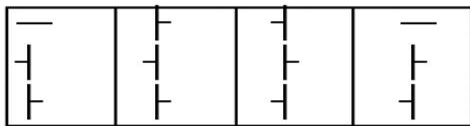
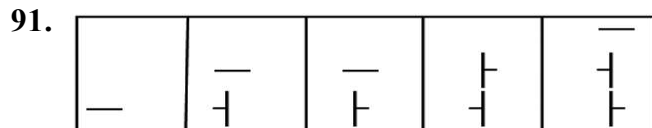
Stressors can produce deleterious after-effects on social behavior as well as on cognitive tasks. For example, when people are exposed to avoidable stress, such as noise or crowding, they are less likely to help someone in distress when the stressor is over. In one study, people shopped in a shopping center that was either crowded or uncrowded and were required to purchase a large or a small number of items in a short time. Later, all the shoppers encountered a woman who pretended to have lost a contact lens and who requested help finding it. The people who had had to purchase lots of items in a short time or who had been more crowded were less likely to help the woman than were the people who had had few things to buy and more time to shop or who had shopped in less crowded conditions.

In response to many stressful events, there may be prolonged activation of physiological stress responses. That is, instead of returning to baseline when a stressor has ended, physiological responses such as cardiovascular activation may persist over the long term. One possible reason is that psychological processes, such as worry or rumination and even unconscious processing of a stressor, keep cardiovascular activation at high levels. This type of prolonged activation may contribute to, and even account for, the relations between stress exposure and disease.

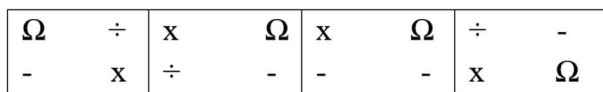
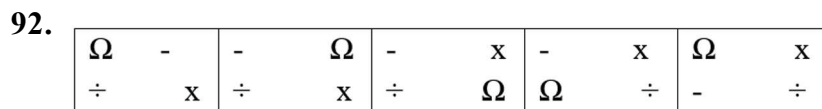


84. "Span" has the same meaning as ...  
 (a) duration (b) character  
 (c) present (d) direction
85. The theme of the above passage is ...  
 (a) dangers of stress (b) after-effects of stress  
 (c) physiology of stress (d) helping others in distress
86. Antonym for "deleterious" is ...  
 (a) harmful (b) damage  
 (c) harmless (d) adverse
87. Which of the following is true as implied in the passage?  
 (a) noise does not produce stress (b) stress do not activate physiology  
 (c) stress and disease are related (d) a woman pretended to lose her purse
88. Effects of stress includes all except ...  
 (a) decrease in performance  
 (b) decrease in attention span  
 (c) decrease helping behaviour  
 (d) decrease activation of physiological response
89. What does the phrase 'returning to baseline' as used in the passage mean?  
 (a) normal (b) base  
 (c) bottom (d) substructure
90. Which of the four words will come in the second place when arranges alphabetically?  
 (a) Rumbustious (b) Rumour  
 (c) Ruminare (d) Rurple

**Direction (Questions No. 91 - 95) :** In the following questions, to continue the same sequence given in the problem figures, choose the correct answer from the four choices given below:



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



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

93.

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

94.

@	X@	@X	X@X	XX@
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@X	X@XX	XX@XX	@XX
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(a)                      (b)                      (c)                      (d)

95.

M X	M X	X M	X M	X M
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X M	M X	M X	X M
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(a)                      (b)                      (c)                      (d)

**Direction (Questions No. 96 - 100) :** In each question below are two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then, decide which of the given conclusions logically follow from the given statements.

96. **Statements**                      I:     Some clocks are green

II:    Some green are mats

**Conclusions**                      I:     Some green are clocks

II:    Some mats are green

- (a) If only conclusion I follows                      (b) If only conclusion II follows  
(c) If either I or II follows                      (d) If both I and II follows

97. **Statements**                      I:     Some shoes are bricks

II:    Some bricks are tigers

**Conclusions**                      I:     Some shoes are tigers

II:    Some tigers are bricks

- (a) If only conclusion I follows                      (b) If only conclusion II follows  
(c) If either I or II follows                      (d) If both I and II follows

98. **Statements**                      I:     Some balls are tanks

II:    Some tanks are mirrors

**Conclusions**                      I:     Some mirrors are balls

II:    No ball is mirror

- (a) If only conclusion I follows                      (b) If only conclusion II follows  
(c) If either I or II follows                      (d) If both I and II follows

**99. Statements**

I: Some papers are pens

II: Some pencils are pens

**Conclusions**

I: Some pens are pencils

II: Some pens are papers

(a) If only conclusion I follows

(b) If only conclusion II follows

(c) If either I or II follows

(d) If both I and II follows

**100. Statements**

I: Some cups are plates

II: Some plates are saucers

**Conclusions**

I: Some cups are saucers

II: Some saucers are plates

(a) If only conclusion I follows

(b) If only conclusion II follows

(c) If either I or II follows

(d) If both I and II follows

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