



**OFFICE OF THE ENGINEER-IN-CHIEF
PUBLIC HEALTH ENGINEERING DEPARTMENT
AIZAWL : MIZORAM**

**WRITTEN EXAMINATION
(Advertisement No.3 of 2025)**

FOR THE POST OF

**ANALYST (LAB)
(Regular)**

PAPER-I



**OFFICE OF THE ENGINEER-IN-CHIEF
PUBLIC HEALTH ENGINEERING DEPARTMENT
AIZAWL : MIZORAM**

**WRITTEN EXAMINATION
(Advertisement No.3 of 2025)**

FOR THE POST OF

**ANALYST (LAB)
(Regular)**

PAPER-I

Code No: _____
(For Official Use)

Code No: _____
(For Official Use)

Signature of Invigilator

SUBJECT (Part)	MARKS OBTAINED
Part-A General Knowledge (50x2=100 marks)	
Part-B General English (25x2=50 marks)	
Part-C English Comprehension (20 marks)	
Part-D Essay Writting (30 marks)	
Total Marks obtained (Full Marks-200)	

Roll No: _____
(To be filled in by Candidate)

Signature of Candidate

Signature of Invigilator

Signature of Examiner

Instructions:

1. The question paper will also serve as the answer sheet. Candidates are required to answer Parts A, B, and C directly on the question/answer sheet using tick (✓) marks. For Part-D (Essay Writing), a separate blank answer sheet will be provided for writing answers.
2. Time : 3 Hours

PART-A : GENERAL KNOWLEDGE (50X2=100 Marks)

1. Which state government has decided to celebrate 17 September as 'Praja Palana Day'?
(a) Telangana ☐ (b) Gujarat ☐
(c) Haryana ☐ (d) Karnataka ☐
2. Recently, senior citizens of which age has been included under Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PMJAY)?
(a) 65 years of age or above ☐ (b) 85 years of age or above ☐
(c) 70 years of age or above ☐ (d) 60 years of age or above ☐
3. The Prime Minister of India laid the foundation stone of 'PM MITRA park' in which region of Maharashtra?
(a) Latur ☐ (b) Amravati ☐
(c) Nashik ☐ (d) Pune ☐
4. As per recent data, which state leads the country installed capacity for rooftop solar power under the PM Surya Ghar: Muft Bijli Yojana?
(a) Madhya Pradesh ☐ (b) Rajasthan ☐
(c) Gujarat ☐ (d) Karnataka ☐
5. Recently, where was India's first supercapacitor manufacturing facility inaugurated?
(a) Indore, Madhya Pradesh ☐ (b) Chennai, Tamil Nadu ☐
(c) Nashik, Maharashtra ☐ (d) Kunnur, Kerala ☐
6. Who was elected as the Chairperson of the 77th session of the WHO's Regional Committee for Southeast Asia?
(a) Rajnath Singh ☐ (b) JP Nadda ☐
(c) Anupriya Patel ☐ (d) Jadhav Prataprao ☐
7. Hirakud Dam is built on which river?
(a) Narmada ☐ (b) Krishna ☐
(c) Godavari ☐ (d) Mahanadi ☐
8. Which state government has launched India's first integrated state-level Cyber Command and Control Center?
(a) Maharashtra ☐ (b) Telangana ☐
(c) Gujarat ☐ (d) Tamil Nadu ☐
9. General Upendra Dwivedi recently received the rank of Honorary General of which country's army?
(a) Pakistan ☐ (b) Sri Lanka ☐
(c) Nepal ☐ (d) India ☐
10. Where was India's first glass bridge inaugurated?
(a) Kochi, Kerala ☐ (b) Kanyakumari, Tamil Nadu ☐
(c) Vishakapatnam, A.P ☐ (d) Porbandar, Gujarat ☐

11. Which country contributed most to the global emissions rise in early 2025?
(a) United States of America ☐ (b) Switzerland ☐
(c) China ☐ (d) Brazil ☐
12. Which country became a new member of the BRICS New Development Bank (NDB) in September 2024?
(a) Peru ☐ (b) Cambodia ☐
(c) Singapore ☐ (d) Algeria ☐
13. Philadelphi Corridor, recently seen in the news, is located along the border of Gaza and which country?
(a) Iran ☐ (b) Egypt ☐
(c) UAE ☐ (d) Iraq ☐
14. India recently signed an MoU with which country to enhance supply chains for critical minerals?
(a) Russia ☐ (b) Japan ☐
(c) United States of America ☐ (d) Australia ☐
15. Hurricane Milton recently hit which country?
(a) Russia ☐ (b) Japan ☐
(c) United States of America ☐ (d) Australia ☐
16. Which bird was recently designated as the official national bird of the United States?
(a) Golden Eagle ☐ (b) Black Eagle ☐
(c) Sea Eagle ☐ (d) Bald Eagle ☐
17. Maia Sandu was recently sworn in as the president of which country?
(a) Finland ☐ (b) Moldova ☐
(c) Norway ☐ (d) Sweden ☐
18. Which country has withdrawn from the Paris Climate Agreement in January 2025?
(a) Russia ☐ (b) Japan ☐
(c) United States of America ☐ (d) Australia ☐
19. Mount Fentale, that was recently seen in news due to volcanic eruption, is located in which country?
(a) Indonesia ☐ (b) Ethiopia ☐
(c) Vietnam ☐ (d) Philippines ☐
20. Which country has declared the end of the Ebola Sudan Virus Disease (SVD) outbreak in April 2025?
(a) Uganda ☐ (b) Ivory Coast ☐
(c) Kenya ☐ (d) Botswana ☐
21. Where is the headquarters of the Organization of Islamic Cooperation (OIC) located?
(a) Morocco ☐ (b) Iran ☐
(c) Egypt ☐ (d) Saudi Arabia ☐
22. Where is the headquarters of International Atomic Energy Agency (IAEA) located?
(a) Washington ☐ (b) Geneva ☐
(c) London ☐ (d) Vienna ☐

23. Who was the first Lusei Chief and from whom sprang the Six Lusei ruling Clans?
 (a) Zahmuaka ☐ (b) Lallula ☐
 (c) Suakpuiliana ☐ (d) Vanpuilala ☐
24. Which River is the longest in Chhattisgarh and flows through the state from north to south?
 (a) Mahanadi ☐ (b) Godavari ☐
 (c) Sabri ☐ (d) Indravati ☐
25. Which mineral is abundant in Chhattisgarh, earning it the nickname 'Rice Bowl of India'?
 (a) Iron ore ☐ (b) Coal ☐
 (c) Limestone ☐ (d) Bauxite ☐
26. On which date World AIDS Day is celebrated?
 (a) May 5 ☐ (b) April 11 ☐
 (c) December 1 ☐ (d) June 3 ☐
27. The Composer of the Song 'Ro min rel sak ang che'
 (a) Lalsangzuali Sailo ☐ (b) RL Kamlala ☐
 (c) Awithangpa ☐ (d) Rokunga ☐
28. Which is the world's largest active volcano?
 (a) Mauna Loa ☐ (b) Mount Kilimanjaro ☐
 (c) Mount Fuji ☐ (d) Popocatepetl Volcano ☐
29. Which is the world's largest bank?
 (a) Citigroup Inc. ☐ (b) Bank of America Corp. ☐
 (c) Wells Fargo & Co. ☐ (d) Industrial and Commercial Bank Of China ☐
30. Which is the largest city in the world based on population?
 (a) Chongqing ☐ (b) New York ☐
 (c) Beijing ☐ (d) Tokyo ☐
31. Which is the largest desert in the world?
 (a) The Great Basin ☐ (b) Antarctic Polar Desert ☐
 (c) The Katpana Desert ☐ (d) Qaidam Basin Semidesert ☐
32. Sea of Tranquility is located in which of the following place?
 (a) Mars ☐ (b) Moon ☐
 (c) Saturn ☐ (d) Arctic Area ☐
33. Who is the current Minister of Public Health Engineering Department in Mizoram?
 (a) K.Sapdanga ☐ (b) C.Lalsawivunga ☐
 (c) Lalnghinglova Hmar ☐ (d) Prof. Lalnilawma ☐
34. Tialpari puk was situated at _____
 (a) Sur Tlang ☐ (b) Phawngpui Tlang ☐
 (c) Lengteng Tlang ☐ (d) Pukzing Village ☐
35. Afghanistan Independence from which country?
 (a) India ☐ (b) Pakistan ☐
 (c) United Kingdom ☐ (d) Iran ☐
36. Raja Ram Mohan Roy was called a pioneer of?
 (a) Indian Renaissance ☐ (b) Women's development ☐
 (c) Economic change ☐ (d) Rights ☐
37. Which of the following is the uppermost layer of the atmosphere?
 (a) Troposphere ☐ (b) Stratosphere ☐
 (c) Mesosphere ☐ (d) Exosphere ☐

38. In which year was the Young Lushai Association formed?
 (a) 1931 ☐ (b) 1927 ☐
 (c) 1930 ☐ (d) 1935 ☐
39. Damodar river rises from
 (a) Chhotanagpur plateau ☐ (b) Rajmahal plateau ☐
 (c) Himalayas ☐ (d) Eastern Ghats ☐
40. India's first supercomputer is known as:
 (a) SAGA ☐ (b) EKA ☐
 (c) PARAM YUVA ☐ (d) PARAM 8000 ☐
41. On which date World Water Day is celebrated?
 (a) June 24 ☐ (b) December 13 ☐
 (c) October 4 ☐ (d) March 22 ☐
42. The Mizo ancestors were moved westward to the Kabaw Valley which is called as
 (a) Khampat ☐ (b) Chindwin ☐
 (c) Chin Hills ☐ (d) Kawlphai ☐
43. 'The Idea of Justice' is written by
 (a) Leo Tolstoy ☐ (b) Stephen Hawking ☐
 (c) Amartya Sen ☐ (d) Progress Entrepreneur ☐
44. Which of the following Acts was nicknamed as the 'Gagging Act'?
 (a) Rowlatt Act, 1919 ☐ (b) Vernacular Press Act, 1878 ☐
 (c) Workmen's Compensation Act, 1923 ☐ (d) Factory Act, 1911 ☐
45. Hindustan Aeronautics Limited (HAL) is in
 (a) Bengaluru ☐ (b) Kolkata ☐
 (c) Mumbai ☐ (d) Chennai ☐
46. The authority to alter the boundaries of state in India rests with:
 (a) Parliament ☐ (b) President ☐
 (c) State Government ☐ (d) Prime Minister ☐
47. Where was India's first rocket launching station set up?
 (a) Sriharikota ☐ (b) Arvi ☐
 (c) Port Blair ☐ (d) Thumba ☐
48. Dampa Sanctuary was declared as a Tiger Reserve in the year-
 (a) 1999 ☐ (b) 1994 ☐
 (c) 1996 ☐ (d) 1992 ☐
49. Who transferred the capital of Bengal from Dhaka to Murshidabad?
 (a) Mir Qasim ☐ (b) Mir Jafar ☐
 (c) Siraj-ud-Daullah ☐ (d) None of these ☐
50. The Mizo ancestors were moved westward to the Kabaw Valley which is called as
 (a) Khampat ☐ (b) Chindwin ☐
 (c) Chin Hills ☐ (d) Kawlphai ☐

----ooOoo----

PART-B : GENERAL ENGLISH : (25X2=50 Marks)

Directions (Questions 1-5) : Complete the following sentences with the appropriate article (a, an, the):

1. I saw ____ elephant at the zoo.
(a) a ☐ (b) an ☐
(c) the ☐
2. ____ sun rises in the east.
(a) a ☐ (b) an ☐
(c) the ☐
3. We visited ____ Eiffel Tower last summer.
(a) a ☐ (b) an ☐
(c) the ☐
4. ____ moon is very bright tonight.
(a) a ☐ (b) an ☐
(c) the ☐
5. There is ____ book on the table.
(a) a ☐ (b) an ☐
(c) the ☐

Directions (Questions 6-10): Choose the appropriate preposition from the alternatives given under each sentence.

6. The company was praised____ its innovative approach to solving industry challenges-
(a) by ☐ (b) with ☐
(c) for ☐ (d) on ☐
7. The Lawyer advised his client to remain cautious____ making any public statements about the ongoing case to avoid jeopardizing the trial.
(a) about ☐ (b) for ☐
(c) in ☐ (d) with ☐
8. The organizing expressed its commitment____ environmental sustainability by implementing new policies and investing green technologies.
(a) for ☐ (b) about ☐
(c) to ☐ (d) in ☐
9. The team worked tirelessly____ the project's success, spending countless hours ensuring every detail was perfect before the final presentation to the clients.
(a) towards ☐ (b) about ☐
(c) for ☐ (d) in ☐
10. The Supervisor was disappointed____ the teams performance, noting that despite clear instructions, several crucial tasks had been overlooked.
(a) with ☐ (b) about ☐
(c) at ☐ (d) for ☐

Directions (Questions 11 - 15) : Fill in the blanks with appropriate forms of Verbs from the four alternatives given below-

11. She____ a letter now.
(a) is writing ☐ (b) has been write ☐
(c) writing ☐ (d) wrote ☐
12. They ____ to the market every sunday.
(a) going ☐ (b) goes ☐
(c) are go ☐ (d) go ☐

13. We ____ football in the evening.
 (a) played ☐ (b) play ☐
 (c) are played ☐ (d) have been played ☐
14. The train____ before we reached the station.
 (a) has left ☐ (b) leaving ☐
 (c) left ☐ (d) are leaved ☐
15. He ____ a book every night before sleeping.
 (a) reading ☐ (b) is read ☐
 (c) reads ☐ (d) reading ☐

Directions (Questions 16 - 20) : Insert appropriate Conjunctions if necessary to fill up the gaps.

16. I shall not go____ you drive.
 (a) without ☐ (b) unless ☐
 (c) that ☐ (d) until ☐
17. Please wait_____ I come.
 (a) until ☐ (b) when ☐
 (c) while ☐ (d) unless ☐
18. You will not be able to reduce your weight____ you cut down on fats.
 (a) although ☐ (b) since ☐
 (c) because ☐ (d) unless ☐
19. I asked her____ she was interested in visiting the Farm.
 (a) unless ☐ (b) as if ☐
 (c) that ☐ (d) whether ☐
20. Smoking will never be given up, _____ the tobacco industry thrives.
 (a) as long as ☐ (b) though ☐
 (c) though ☐ (d) as if ☐

Directions (Questions 21 - 25) : Select word which is opposite in meaning to the underlined word or phrase.

21. The clients were clear about their aversion to delays.
 (a) detestation ☐ (b) liking ☐
 (c) antipathy ☐ (d) disinclination ☐
22. He hates these continual arguments with friend.
 (a) repeated ☐ (b) irrational ☐
 (c) occasional ☐ (d) regular ☐
23. He was conspicuous because of his colourful shirt.
 (a) charming ☐ (b) ugly ☐
 (c) small ☐ (d) unnoticeable ☐
24. Cummulatively, the effect of these drugs is quite bad.
 (a) individually ☐ (b) collectively ☐
 (c) obviously ☐ (d) clearly ☐
25. He is suffering from a severe cough.
 (a) violent ☐ (b) mild ☐
 (c) bad ☐ (d) continuous ☐

PART-C
ENGLISH COMPREHENSION : (10X2=20 Marks)

1. Read the following passage carefully and answer the questions as below:

The Indian middle class consist of so many strata that it defies categorisation under a single term class, which would imply a considerable degree of homogeneity. Yet two paradoxical features characterise its conduct fairly uniformly; extensive practice and intensive abhorrence of corruption. In the several recent surveys of popular perceptions of corruptions, politicians of course invariably and understandably top the list, closely followed by bureaucrats, policemen, lawyers, businessmen and others. The quintessential middle class. If teachers do not figure high on this priority list, it is not for lack of trying, but for lack of oppurtunities. Over the years, the sense of shock over acts of corruption in the middle class has witnessed a steady decline, as its ambitions for a better material life have soared but the resources for meeting such ambitions have not kept pace. What is fascinating, however, is the intense yearning of this class for a clean corruptionless politics and society, a yearning that has again and again surfaced with any figure public or obscure, focus on his mission of eradicating corruption. Even the repeated failure of this promise on virtually every man's part has not subjected it to the law of diminishing returns.

- (1) The intense Middle Class intensely yearns for
A. better material resources ☐ B. extensive practice of corruption ☐
C. clean honest society ☐ D. law of increasing returns ☐
- (2) Teachers are not high on the list of corruption because they do not have-
A. courage ☐ B. opportunities ☐
C. support ☐ D. ambition ☐
- (3) The Indian Middle class is-
A. defiant ☐ B. mysterious ☐
C. homogeneous ☐ D. stratified ☐
- (4) Who figure on top of the list of corruption?
A. businessmen ☐ B. lawyers ☐
C. politicians ☐ D. policemen ☐
- (5) This yearning, over the years, has-
A. persisted ☐ B. soared ☐
C. declined ☐ D. disappeared ☐

2. Read the following passage carefully and answer the questions as below:

He saw nothing, he had no knife or sharp instrument, the grating of the window was of iron and he had too often assured himself of its solidity. His furniture consisted of a bed, a chair, a table, a pail, and a jug. The bed had iron clamps, but they were screwed to the wall and it would have required a screwdriver to take them off. Dantes had but one resource which was to break the jug and with one of the sharp fragments attack the wall. He left the jug fall on the floor and it broke in pieces. He concealed two or three of the sharpest fragments in his bed, leaving the rest on the floor. The breaking of the jug was too natural an accident to excite suspicion, and next morning gaoler went grumblingly to fetch another, without giving himself the trouble to remove the fragments. Dantes heard joyfully the key grate in the lock as guard departed.

- (1) Dantes was in-
A. a hostel ☐ B. a dining room ☐
C. an army barracks ☐ D. a prison ☐
- (2) Dantes heard the key grate in the lock when the-
A. cell door was shut ☐ B. cell door was opened ☐
C. storeroom was opened ☐ D. storeroom was shut ☐

- (3) The guard left the fragments because he-
- | | | | |
|---------------------------|--------------------------|------------------------------|--------------------------|
| A. didn't notice them | ☐ | B. wished to punish Dantes | ☐ |
| C. was too lazy to bother | ☐ | D. wanted Dantes to clear up | ☐ |
- (4) Dantes probably broke the jug-
- | | | | |
|--------------------|--------------------------|---------------------|--------------------------|
| A. in the morning | ☐ | B. during the night | ☐ |
| C. after breakfast | ☐ | D. at exactly 3pm | ☐ |
- (5) Dantes was planning to-
- | | | | |
|--------------------|--------------------------|-----------------------|--------------------------|
| A. carve his name | ☐ | B. make his escape | ☐ |
| C. tease the guard | ☐ | D. call for breakfast | ☐ |

---ooOoo---

PART-D
ESSAY WRITTING
(30 Marks)

Write an Essay on any one of the following : (30)
(An extra sheet of paper is provided at the end for essay writing.)

- (a) The adverse effects of turbid/unhygienic water on the water supply in Aizawl
 (b) Effective ways to purify drinking water for Mizo communities.
 (c) Importance of Laboratory for Providing of Safe and sound Drinking Water.

----ooOoo----