



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

**WRITTEN EXAMINATION : 2025
FOR THE POST OF**

**LDC
(P.E & REGULAR)**

PAPER-I

Code No: _____
(For Official Use)

Signature of Invigilator

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

Signature of Examiner



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

Signature of Candidate

Signature of Invigilator

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. What was the theme of Chapchar Kut 2025 celebrated in Mizoram ?
(a) Zo Nun Ze mawi - Tlawmngaihna ☐
(b) Zo Nun Ze mawi - Hawihhawmna ☐
(c) Zo Nun Ze mawi - Aia upa zah ☐
(d) Ruihhlo Do ☐
2. Which football team won Indian Super League (ISL) 2024 - 2025 Cup ?
(a) Bengaluru FC ☐ (b) Mumbai City FC ☐
(c) Mohun Bagan SG ☐ (d) Chennaiyin FC ☐
3. What is the Maximum health insurance coverage available to a non-government servant's family under the Mizoram Universal Health Care Scheme (MUHCS) ?
(a) Rs. 5,00,000/- per family per year ☐ (b) Rs. 3,00,000/- per family per year ☐
(c) Rs. 7,00,000/- per family per year ☐ (d) Rs. 10,00,000/- per family per year ☐
4. Who received the Zakapa Award during the International Women's Day event organized by the Government of Mizoram in 2025 ?
(a) Baryl Vanneihsang ☐ (b) Lalrinpuui ☐
(c) Lalremsiami Hmar (Hockey Player) ☐ (d) Khawlrinpuui ☐
5. Who is the present Cabinet Minister of Jal Shakti in India ?
(a) Manohar Lal ☐ (b) C R Patil ☐
(c) Piyush Goyal ☐ (d) Shivraj Singh Chouhan ☐
6. What is the correct order of precedence in the organizational structure of the Public Health Engineering Department (PHED) in Mizoram ?
(a) E-in-C -> SE -> CE -> EE -> AE ☐ (b) E-in-C -> CE -> SE -> AE -> EE ☐
(c) E-in-C -> CE -> SE -> EE -> AE ☐ (d) E-in-C -> SE -> CE -> AE -> EE ☐
7. What is the minimum monthly water tariff set by the PHED in Mizoram for domestic and government connections ?
(a) Rs. 220 ☐ (b) Rs. 300 ☐
(c) Rs. 150 ☐ (d) Rs. 250 ☐
8. When was the Greater Aizawl Water Supply Scheme Phase - I completed ?
(a) 1990 ☐ (b) 1988 ☐
(c) 1987 ☐ (d) 1999 ☐
9. On which date is World Water Day observed annually ?
(a) April 22 ☐ (b) October 2 ☐
(c) March 22 ☐ (d) June 5 ☐
10. What is the name of the IndiaAI Datasets Platform recently launched by Union Minister Ashwini Vaishnaw ?
(a) AIKosha ☐ (b) Deepseek ☐
(c) AIIndia ☐ (d) AIBharat ☐
11. Which film won Best Picture at the Oscars 2025 ?
(a) The Brutalist ☐ (b) Conclave ☐
(c) Anora ☐ (d) Oppenheimer ☐

12. In which year did the Berlin Wall, a symbol of the Cold War, fall ?
 (a) 1989 ☐ (b) 1991 ☐
 (c) 1972 ☐ (d) 1979 ☐
13. Which event is considered the starting point of the French Revolution ?
 (a) The rise of Napoleon ☐ (b) The Storming of the Bastille (1789) ☐
 (c) The Reign of Terror ☐ (d) The execution of Louis XVI ☐
14. The Opium Wars of the 19th century were fought between China and which country?
 (a) Japan ☐ (b) Korea ☐
 (c) Britain ☐ (d) India ☐
15. Who was the Roman emperor at the time of Jesus' crucifixion?
 (a) Tiberius ☐ (b) Augustus ☐
 (c) Claudius ☐ (d) Nero ☐
16. Which of these rivers flows through the greatest number of countries ?
 (a) Nile ☐ (b) Amazon ☐
 (c) Rhine ☐ (d) Danube ☐
17. The Suez Canal connects which two major bodies of water ?
 (a) Atlantic Ocean and Pacific Ocean ☐ (b) Mediterranean Sea and Red Sea ☐
 (c) Black Sea and Caspian Sea ☐ (d) Arabian Sea and Bay of Bengal ☐
18. According to the theory of plate tectonics, how many major plates are there in the Earth's lithosphere?
 (a) 5 ☐ (b) 6 ☐
 (c) 7 ☐ (d) 8 ☐
19. Choose the correct order of the Earth's atmosphere layers, from lowest to highest ?
 (a) Stratosphere, Troposphere, Mesosphere, Thermosphere, Exosphere ☐
 (b) Mesosphere, Thermosphere, Troposphere, Stratosphere, Exosphere ☐
 (c) Troposphere, Mesosphere, Stratosphere, Thermosphere, Exosphere ☐
 (d) Troposphere, Stratosphere, Mesosphere, Thermosphere, Exosphere ☐
20. Which of the following countries is landlocked ?
 (a) China ☐ (b) Hungary ☐
 (c) Colombia ☐ (d) Sweden ☐
21. The first session of the Indian National Congress (1885) was presided by?
 (a) Mahatma Gandhi ☐ (b) A.O. Hume ☐
 (c) W.C. Bannerjee ☐ (d) Dadabhai Naoroji ☐
22. Who was the Viceroy of India when the Government of India Act 1935 was passed ?
 (a) Lord Linlithgow ☐ (b) Lord Wavell ☐
 (c) Lord Mountbatten ☐ (d) Lord Willingdon ☐
23. Who destroyed the ancient university of Nalanda?
 (a) Razia Sultana ☐ (b) Nakhtiyar Khilji ☐
 (c) Muhammad bin Tughluq ☐ (d) Muhammad Ghori ☐
24. Which of the following commissions/committees was established to examine and review the existing arrangements between the Centre and the States in India?
 (a) Mandal Commission ☐ (b) Mehta Commission ☐
 (c) Kelkar Commission ☐ (d) Sarkaria Commission ☐
25. Which Prime Minister of India initiated the 'Look East Policy' ?
 (a) P.V. Narasimha Rao ☐ (b) Atal Bihari Vajpayee ☐
 (c) Monmohan Singh ☐ (d) Rajiv Gandhi ☐

26. In which year did the right to Information (RTI) act come into force in India?
 (a) 2002 ☐ (b) 1995 ☐
 (c) 2005 ☐ (d) 1998 ☐
27. Who was the first Law Minister of India?
 (a) Rajendra Prasad ☐ (b) Jawaharlal Nehru ☐
 (c) Sardar Patel ☐ (d) B.R. Ambetkar ☐
28. Which Indian state implimented a Uniform Civil Code in January 2025?
 (a) Uttar Prasdesh ☐ (b) Gujarat ☐
 (c) Uttarakhand ☐ (d) Assam ☐
29. Which Constitutional Amendment added the term 'Secular' to the Preamble of the Indian Constitution?
 (a) 42nd Amendment ☐ (b) 73rd Amendment ☐
 (c) 1st Amendment ☐ (d) 7th Amendment ☐
30. Which Constitution Amendment granted full statehood to Mizoram?
 (a) 23rd Amendment ☐ (b) 64th Amendment ☐
 (c) 53rd Amendment ☐ (d) 55th Amendment ☐
31. How many states and Union Territories are there in India?
 (a) 29 States and 7 UTs ☐ (b) 28 States and 8 UTs ☐
 (c) 28 States and 7 UTs ☐ (d) 29 States and 8 UTs ☐
32. Which is the oldest mountain range in India?
 (a) Vindhya ☐ (b) Himalaya ☐
 (c) Aravalli ☐ (d) Nilgiris ☐
33. The Indus River originates from which country?
 (a) Nepal ☐ (b) China ☐
 (c) Pakistan ☐ (d) India ☐
34. Which state has the lowest population density in India according to 2011 census?
 (a) Sikkim ☐ (b) Nagaland ☐
 (c) Arunachal Pradesh ☐ (d) Mizoram ☐
35. Which is the following is the traditional dance form of Kerela?
 (a) Odissi ☐ (b) Kuchipudi ☐
 (c) Bharatanatyam ☐ (d) Kathakali ☐
36. The Kumbh Mela is held once every ____ years at ____ differrent locations in India ?
 (a) 12, 4 ☐ (b) 10, 5 ☐
 (c) 12, 5 ☐ (d) 10, 4 ☐
37. The consumer Price Index (CPI) is used to measure which of the following ?
 (a) Inflation ☐ (b) Unemployment ☐
 (c) GDP Growth ☐ (d) National wealth ☐
38. In which year did India officially demonetize its high-value currency notes?
 (a) 2015 ☐ (b) 2016 ☐
 (c) 2018 ☐ (d) 2019 ☐

39. In which year did India introduce the New Economic Policy ?
 (a) 1989 ☐ (b) 1993 ☐
 (c) 1994 ☐ (d) 1991 ☐
40. The largest planet in our solar system is?
 (a) Mars ☐ (b) Saturn ☐
 (c) Jupiter ☐ (d) Earth ☐
41. The chemical symbol for gold is
 (a) Fe ☐ (b) Au ☐
 (c) Go ☐ (d) Pb ☐
42. What is the primary source of the Sun's energy ?
 (a) Chemical reaction ☐ (b) Nuclear fusion ☐
 (c) Nuclear fission ☐ (d) Combustion ☐
43. Which city is known as the 'Pink City' of India?
 (a) Jaipur ☐ (b) Kolkata ☐
 (c) Chandigarh ☐ (d) Shillong ☐
44. Who is the author of the book *Utopia*?
 (a) R.L Stevenson ☐ (b) Arundhati Roy ☐
 (c) Thomas More ☐ (d) Leo Tolstoy ☐
45. Who holds the record for the most Grand Slam titles in men's single tennis?
 (a) Novak Djokovic ☐ (b) Roger Federer ☐
 (c) Rafael Nadal ☐ (d) Pete Sampras ☐
46. In which year was Mizo High School established?
 (a) 1945 ☐ (b) 1952 ☐
 (c) 1947 ☐ (d) 1944 ☐
47. In Mizo folktales, how many sons did Sichangneii have?
 (a) 5 ☐ (b) 12 ☐
 (c) 7 ☐ (d) 10 ☐
48. Who composed the song 'Mizoram tan' (Fam dairial pawh chang ila, kan sakruang Mizoram tan)?
 (a) Rokunga ☐ (b) C. Zoramliana ☐
 (c) B. Daniela ☐ (d) V. Thangzama ☐
49. Who is the author of the book 'Savun Kawrfual'?
 (a) Lalhmingchhuanga Zongte ☐ (b) Lalhrualtuanga Chawngte ☐
 (c) Rema Chhakchhuak ☐ (d) Zohmangaihi ☐
50. Which of the following best describes the Mizo idiom and phrase "Zuhrei haw lam ang"?
 (a) Walk home after eating too much at a feast ☐
 (b) Walkhome with much despair due to failure in achieving one's goal ☐
 (c) Walking down a very steep path ☐
 (d) Walking home happily due to success in achieving one's goal ☐

----ooOoo----

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

Directions : Identify the parts of speech of each underlined words:

1. Choose the most appropriate option to complete the sentence.

My friend _____ the evidence just by chance.

- | | |
|--|--|
| (a) Came upon ☐ | (b) Happened upon ☐ |
| (c) Run into ☐ | (d) Saw onto ☐ |

2. Choose the most appropriate option to complete the sentence.

Prem agreed to help but _____ at the last moment

- | | |
|---|---|
| (a) Back off ☐ | (b) Backs ☐ |
| (c) Backed out ☐ | (d) Backing away ☐ |

3. Choose the most appropriate option to complete the sentence.

I _____ my breakfast

- | | |
|---|---------------------------------------|
| (a) Already have ☐ | (b) Have had ☐ |
| (c) Have ☐ | (d) Has had ☐ |

4. Choose the most appropriate option to complete the sentence.

I _____ to Jaipur last year

- | | |
|---------------------------------------|---------------------------------------|
| (a) Do go ☐ | (b) Am going ☐ |
| (c) Was gone ☐ | (d) Did go ☐ |

5. Choose the most appropriate option to complete the sentence.

He _____ narrated the incident to me.

- | | |
|--|--|
| (a) Briefed and ☐ | (b) Breived and ☐ |
| (c) Briefly ☐ | (d) Was briefly ☐ |

6. Choose the most appropriate option to complete the sentence.

A man is _____ the company he keeps.

- | | |
|---|---------------------------------------|
| (a) Knowing by ☐ | (b) Known by ☐ |
| (c) Knows ☐ | (d) Knew by ☐ |

7. Choose the most appropriate option to complete the sentence.

He was acquitted _____ the crime.

- | | |
|---------------------------------|-----------------------------------|
| (a) Of ☐ | (b) To ☐ |
| (c) By ☐ | (d) From ☐ |

8. Choose the most appropriate option to complete the sentence.

Jack _____ annoyed with me because I pointed out his errors

- | | |
|--------------------------------------|-----------------------------------|
| (a) Get ☐ | (b) Gets ☐ |
| (c) Getting ☐ | (d) Got ☐ |

9. Choose the correct meaning of the underlined Idioms & Phrases.

There is no love lost between the two neighbours

- | | |
|--|---|
| (a) Intense dislike ☐ | (b) Intense love ☐ |
| (c) Distance ☐ | (d) Mutual ignorance ☐ |

10. Choose the correct meaning of the underlined Idioms & Phrases.

We had a bird's eye view of the whole village from the top of the hill

- | | |
|---|---|
| (a) Critical view ☐ | (b) Concise view ☐ |
| (c) Blurred Vision ☐ | (d) Distant view ☐ |

11. Choose the correct meaning of the underlined Idioms & Phrases.
It is Geeta whos wears the trousers in their household
- | | | | |
|------------------|--------------------------|---------------------------|--------------------------|
| (a) Loud mouthed | ☐ | (b) Does the house chores | ☐ |
| (c) Dominant | ☐ | (d) Spends money | ☐ |
12. Choose the correct meaning of the underlined Idioms & Phrases.
The patient is not out of the woods yet
- | | | | |
|-----------------|--------------------------|--------------------|--------------------------|
| (a) Discharged | ☐ | (b) Out of danger | ☐ |
| (c) Out of hope | ☐ | (d) Able to travel | ☐ |
13. Choose one word for the following.
One who adapts oneself readily to various situations.
- | | | | |
|--------------|--------------------------|------------|--------------------------|
| (a) Vesitile | ☐ | (b) Liable | ☐ |
| (c) Genuis | ☐ | (d) Hard | ☐ |
14. Choose one word for the following.
An assembly of the worshippers
- | | | | |
|-----------------|--------------------------|------------------|--------------------------|
| (a) Condonation | ☐ | (b) Association | ☐ |
| (c) Conception | ☐ | (d) Congregation | ☐ |
15. Choose one word for the following.
Alloweance given to wife on legal separation.
- | | | | |
|------------------|--------------------------|-------------|--------------------------|
| (a) Contribution | ☐ | (b) Alimony | ☐ |
| (c) Grant | ☐ | (d) Aid | ☐ |
16. Choose the Antonym of the given word.
Pamper
- | | | | |
|--------------|--------------------------|-------------|--------------------------|
| (a) Neglect | ☐ | (b) Indulge | ☐ |
| (c) Contrary | ☐ | (d) Pardon | ☐ |
17. Choose the Antonym of the given word.
Amateur
- | | | | |
|--------------|--------------------------|------------------|--------------------------|
| (a) Beginner | ☐ | (b) Enthusiast | ☐ |
| (c) Amenable | ☐ | (d) Professional | ☐ |
18. Choose the Synonym of the given word.
Alert
- | | | | |
|--------------|--------------------------|--------------|--------------------------|
| (a) Lazy | ☐ | (b) Hazy | ☐ |
| (c) Vigilant | ☐ | (d) Tolerant | ☐ |
19. Choose the Synonym of the given word.
Vanity
- | | | | |
|--------------|--------------------------|------------|--------------------------|
| (a) Humility | ☐ | (b) Pride | ☐ |
| (c) Pity | ☐ | (d) Praise | ☐ |
20. Choose the most correct option to change the voice of the given sentence to passive voice
He had killed a dog
- | | | | |
|------------------------------|--------------------------|-----------------------------------|--------------------------|
| (a) This dog had been killed | ☐ | (b) It was he who killed this dog | ☐ |
| (c) A dog was killed | ☐ | (d) A dog had been killed by him | ☐ |
21. Choose the most correct option to change the voice of the given sentence to passive voice
She begins her with a cup of coffee
- | | | | |
|--|--------------------------|---|--------------------------|
| (a) A cup of coffee begins her day | ☐ | (b) Her day is begun with a cup of coffee | ☐ |
| (c) She had begun her day with a cup of coffee | ☐ | (d) A cup of coffee was had by her | ☐ |

22. Choose the most appropriate option to correct the given sentence
I am much pleased to see you both
- (a) I am very pleased to see both of you ☐
- (b) I am too pleased to see the both of you ☐
- (c) I am pleasing to see you both ☐
- (d) I please to see the both of you ☐
23. Choose the most appropriate option to correct the given sentences
I am the one who am to blame
- (a) I was one who is to blame ☐ (b) I am the one who was to blamed ☐
- (c) I will be the one who is to blame ☐ (d) I am the one who is to blame ☐
24. Choose the most appropriate option to narrate the given sentence in indirect form of speech
The teacher said to the children, "the sun always sets in the west"
- (a) The teacher said to the children, "the sun always sets in the west" ☐
- (b) The sun was told to set in the west ☐
- (c) The teacher told the children that the sun had always set in the west ☐
- (d) The children were told by the teacher that the sun sets in the west ☐
25. Choose the most appropriate option to narrate the given sentence in indirect form of speech
He said, "It is time to leave for the meeting"
- (a) He said he wanted to leave for the meeting ☐
- (b) He said time had come to leave for the meeting ☐
- (c) He said the meaning's set time had come ☐
- (d) He said that it was time to leave for the meeting ☐

PART-C
ENGLISH COMPREHENSION
(15X2=30 Marks)

1. **Read the passage carefully and then answer the questions that follow. (15x2=30)**

From the lives of great men we learn many things, much that is of value to us in our own lives. Not the least important thing, perhaps, which the lives of almost any great man teaches us is that we have time to do those things which, we most want to do. As young people we talk lightly of what we would do if only we had the time; as old people we look back upon lost opportunities and wish that we had the time to follow this course of action, that line of training. But again and again, as we read the stories of the lives of those who have done great things, of those whose names will be for ever remembered, the knowledge is forced upon us that our trouble is not that we have too little time but that we have too little desire. Our desire to move in a certain direction is not strong enough to influence us to take the necessary steps, to use for that purpose the hours which are being spent in other and possibly less profitable ways. If the desire to act and the will to work are there, then we shall find both the time and the opportunity.

These thoughts come to the mind upon reading a recently published book; in which the writer tells in outline the story of the lives of 15 great men. From the many remarkable men who have lived during the past 500 years the writer has taken those men who, by their thought and by their labour, were able to discover a great principle, some deep truth about the laws of nature which had not before been known-men who in this way added greatly to the knowledge and learning of the world and so took all men one big step forward in the long march towards a better understanding of the forces which govern our world. It is not possible to read this book-or indeed any book of this nature-without feeling an increased respect for the power of man's mind, an increased respect for his learning, for his continued attempts to find the truth even when faced with great difficulties.

The life of each of these men, it need hardly be said, differs in detail. Some of them showed themselves even as children to have reasoning powers beyond what we regard as usual; others were just simple children showing no special powers of any kind during their early years. Some were 'one idea' men, working only in their special field; others developed remarkable minds and became better than most men in most fields of learning. But common to them all was the power to work for very long hours, hours spent in deep thought, in careful planning, in the perfecting of ideas, and the putting of results together piece by piece to make the whole—a whole which was to surprise the world. Most of them lived to an old age, few dying before reaching 70 years of age and several living to be over 80. Naturally, the thought must come: "Was there any connection between these two facts? Did these men work beyond the powers of common people because they were strong in body beyond the common person? Or so did they owe their long lives to the fact that they lived principally for their ideas, paying little attention to the many pleasures which interest the masses, caring little for food and drink or for the company of other men and women?" It is difficult to attempt an answer. We cannot be certain. But long as was the life of the man himself, it was short when measured by the life of his work. That work has influenced the thoughts and the labours of many men for many years. It will continue to influence man's thought and man's action as long as man is a thinking being, using the knowledge of the past to increase in the present his control over natural forces.

1. Suggest a suitable title for the passage
2. From the lives of great men, what have we been taught that is not the least important thing according to the author?
3. We are burdened with the knowledge of the names of those who have achieved great things. What quality separates those who are remembered from those who are not?
4. In the book the author mentioned, what does he mean by, "Men who, by their thought and by their labour, were able to discover a great principle"?
5. What are the emotions without which the author claims it is impossible to read the book that has been mentioned?
6. From the book mentioned, what are the common characteristics that all the men possessed?
7. Did all the men show similar levels of "special powers"?
8. What age did the men live up to?
9. What did the men possibly owe their longevity to, according to the author?
10. "Some were 'one idea' men, working only in their special field." How did the author describe the others?
11. "It is difficult to attempt an answer. We cannot be certain." What question is the author referring to here?
12. What did the author say will continue as long as man is a thinking being?
13. In the beginning of the passage, what did the author say old people tend to look back upon?
14. If the desire to act and will to work are there, what shall we find?
15. Identify another word for 'vary' from the third paragraph.

----ooOoo----

PART-D
ESSAY WRITTING
(20 Marks)

Write an Essay on any one of the following topics in not more than 300 words : (20)

- (1) Time management and productivity : Essential life skills for success.
- (2) A challenge I overcome.
- (c) My personal experience with social media : benefits and challenges.

----ooOoo----