



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

WRITTEN EXAMINATION
(Advertisement No.3 of 2025)

FOR THE POST OF
LABORATORY TECHNICIAN
(Regular)

PAPER-I

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)	

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. Which country won its first-ever men's compound team gold at the 2025 World Archery Championships?
- (a) India ☐ (b) USA ☐
(c) France ☐ (d) South Korea ☐
2. Current Minister of PHE Department, Mizoram?
- (a) Prof. Tlanglawma ☐ (b) Prof.Lalnikhuma ☐
(c) Prof.Lalnilawma ☐ (d) Prof.Lalnithanga ☐
3. What is the new 24-hour cumulative UPI transaction limit for select categories like insurance, capital markets, and loan collections effective from September 15, 2025?
- (a) Rs. 2 lakh ☐ (b) Rs. 6 lakh ☐
(c) Rs. 10 lakh ☐ (d) Rs. 5 lakh ☐
4. Which institutions in India are set to adopt UPI-enabled QR code payments nationwide by August 2025?
- (a) Cooperative Banks ☐ (b) Government Hospitals ☐
(c) Post Offices ☐ (d) Railway Stations ☐
5. The current Chief Secretary of Mizoram
- (a) Khilli Ram Meena IAS ☐ (b) Lalnunmawia Chuaungo IAS ☐
(c) HV Lalringa IAS ☐ (d) Ranbir Singh IAS ☐
6. Which international organization has praised India's UPI as a model for digital payment transformation?
- (a) World Bank ☐ (b) International Monetary Fund ☐
(c) World Economic Forum ☐ (d) United Nations ☐
7. On which government portal will NPCI's new API facility enable real-time PAN and bank account validation?
- (a) GST Portal ☐ (b) Income Tax Portal ☐
(c) Digilocker ☐ (d) Umang App ☐
8. Lalnu Ropuiliani was the daughter of the highly renowned Sailo Chief-
- (a) Vanhnuaailiana ☐ (b) Vuta ☐
(c) Lalsavunga ☐ (d) Vandula ☐
9. What was India's retail inflation rate in August 2025?
- (a) 1.61% ☐ (b) 2.07% ☐
(c) 2.47% ☐ (d) 4.00% ☐
10. Current Chief of Defence Staff in India.
- (a) Gen. Upendra Dwivedi ☐ (b) Gen. Manoj Pande ☐
(c) Gen. Anil Chauhan ☐ (d) Gen.Manoj Mukund Naravane☐
11. State Chief Information Commissioner of Mizoram-
- (a) John Neihlaia ☐ (b) Lalnunmawia Chuaungo ☐
(c) Lalmalsawma ☐ (d) Lalthara ☐
12. Mura puk was situated at _____
- (a) Zopui village ☐ (b) Ruantlang ☐
(c) Zote village ☐ (d) Rulchawm village ☐

13. Who became the first player to win the PFA Player of the Year award three times in English football history?
- (a) Mohamed Salah ☐ (b) Michael Owen ☐
(c) Alexander Isak ☐ (d) Wayne Rooney ☐
14. What is the IMF's revised GDP growth forecast for India for the years 2025 and 2026?
- (a) 6.2% ☐ (b) 6.4% ☐
(c) 6.3% ☐ (d) 6.5% ☐
15. Tialpari puk was situated at _____
- (a) Sur Tlang ☐ (b) Phawngpui Tlang ☐
(c) Lengteng Tlang ☐ (d) Pukzing Village ☐
16. Which city will host the Badminton World Championships in August 2026?
- (a) Mumbai ☐ (b) Hyderabad ☐
(c) Bengaluru ☐ (d) New Delhi ☐
17. What was India's rank in global biofuel consumption in 2024?
- (a) 3rd ☐ (b) 4th ☐
(c) 5th ☐ (d) 6th ☐
18. What was India's unemployment rate in May 2025 according to the latest PLFS data?
- (a) 5.6% ☐ (b) 5.1% ☐
(c) 4.8% ☐ (d) 6.2% ☐
19. The Mizo ancestors were moved westward to the Kabaw Valley which is called as
- (a) Khampat ☐ (b) Chindwin ☐
(c) Chin Hills ☐ (d) Kawlphai ☐
20. Under which Article of the Indian Constitution was the GST Council established?
- (a) Article 279A ☐ (b) Article 370 ☐
(c) Article 368 ☐ (d) Article 246A ☐
21. The Forest (Conservation) Amendment Act, 2023, was passed by the Rajya Sabha on-
- (a) July 1, 2023 ☐ (b) August 2, 2023 ☐
(c) September 8, 2024 ☐ (d) August 2, 2024 ☐
22. Under which year was the Prevention of Money Laundering Act (PMLA) enacted?
- (a) 1999 ☐ (b) 2002 ☐
(c) 2010 ☐ (d) 2005 ☐
23. Which is not a correct pair?
- (a) Sailo - Chief ☐ (b) Tlai sial - a young mithun ☐
(c) Sarthi - natural death ☐ (d) Fatlum - the youngest son ☐
24. In which year was the original Consumer Protection Act enacted in India?
- (a) 1991 ☐ (b) 2019 ☐
(c) 2002 ☐ (d) 1986 ☐
25. Which new Indian Institute of Management (IIM) is set to be established with a Rs. 550 crore grant under the IIM Amendment Bill 2025?
- (a) IIM Patna ☐ (b) IIM Ranchi ☐
(c) IIM Guwahati ☐ (d) IIM Nagpur ☐
26. The present Engineer-in-Chief, PHE Department Mizoram -
- (a) Er. Lalropuia ☐ (b) Er. Ngentluanga ☐
(c) Er. Zodinthari ☐ (d) Er. K.Zohmingliana ☐

27. Which Indian state has been officially declared the country's first fully literate state?
 (a) Mizoram ☐ (b) Himachal Pradesh ☐
 (c) Kerala ☐ (d) Sikkim ☐
28. Sairang Railway Station Code-
 (a) SAI ☐ (b) SAIR ☐
 (c) SANG ☐ (d) SRNG ☐
29. Deficiency of which nutrient has been linked to psychological and neurodevelopmental conditions according to a recent study?
 (a) Vitamin D ☐ (b) Vitamin C ☐
 (c) Iron ☐ (d) Calcium ☐
30. In which city was Purple Fest 2025, celebrating inclusion and empowerment of Divyangjan, organised?
 (a) Gurugram ☐ (b) Noida ☐
 (c) Bhopal ☐ (d) Pune ☐
31. On which date is Engineers Day 2025 celebrated in India to honour Sir M. Visvesvaraya?
 (a) August 29 ☐ (b) October 2 ☐
 (c) January 15 ☐ (d) September 15 ☐
32. Current Champion of the UEFA Champions League
 (a) Paris Saint-Germain ☐ (b) Inter Milan ☐
 (c) Juventus ☐ (d) Real Madrid ☐
33. During the first crusade, crusaders reached Jerusalem and captured it in
 (a) 1000 AD ☐ (b) 1099 AD ☐
 (c) 1200 AD ☐ (d) 1515 AD ☐
34. Who has become the first woman Attorney General of Nepal?
 (a) Ramesh Badal ☐ (b) Sushila Karki ☐
 (c) Sabita Bhandari ☐ (d) Ramchandra Paudel ☐
35. On which date is the International Day for the Preservation of the Ozone Layer observed each year?
 (a) August 12 ☐ (b) October 5 ☐
 (c) September 16 ☐ (d) December 1 ☐
36. Which city will host the 5th Coast Guard Global Summit in 2027?
 (a) Mumbai ☐ (b) New Delhi ☐
 (c) Chennai ☐ (d) Kochi ☐
37. Name of Train Service from Delhi to Sairang?
 (a) Rajdhani Express ☐ (b) Mizoram Express ☐
 (c) NJP Express ☐ (d) Kolkata to Sairang Express ☐
38. Grand Central Terminal, Park Avenue, New York is the world's-
 (a) highest railway station ☐ (b) largest railway station ☐
 (c) longest railway station ☐ (d) None of the above ☐
39. Eritrea, which became the 182nd member of the UN in 1993, is in the continent of
 (a) Asia ☐ (b) Africa ☐
 (c) Europe ☐ (d) Australasia ☐
40. Golf player Vijay Singh belongs to which country?
 (a) India ☐ (b) Pakistan ☐
 (c) Fiji ☐ (d) Sri Lanka ☐

41. East Timor, which became the 191st member of the UN, is in the continent of
 (a) Africa ☐ (b) Europe ☐
 (c) Asia ☐ (d) South America ☐
42. Himalayan Mountaineering Institute is at
 (a) Darjeeling ☐ (b) Gangtok ☐
 (c) Marmago ☐ (d) Dehradun ☐
43. Which country's scientists discovered a new blood type named EMM-negative, also known as "Gwada negative"?
 (a) Germany ☐ (b) France ☐
 (c) Italy ☐ (d) Canada ☐
44. The first batch of Mizo tribes who migrated from Chin Hills into the present Mizoram –
 (a) Hmar ☐ (b) Ralte ☐
 (c) Lusei ☐ (d) Lai ☐
45. For galvanizing iron which of the following metals is used?
 (a) Alluminium ☐ (b) Copper ☐
 (c) Lead ☐ (d) Zinc ☐
46. When did Hockey was introduced in the Asian Games-
 (a) 1958 Tokyo ☐ (b) 1970 Bangkok ☐
 (c) 1962 Jakarta ☐ (d) 1966 Bangkok ☐
47. G-15 is an economic grouping of
 (a) First World Nations ☐ (b) Second World Nations ☐
 (c) Third World Nations ☐ (d) Fourth World Nations ☐
48. Which institution performed the first Swap Kidney Transplant?
 (a) AIIMS Bhopal ☐ (b) AIIMS Raipur ☐
 (c) AIIMS Delhi ☐ (d) AIIMS Patna ☐
49. Galileo, who developed Telescope is-
 (a) Greek ☐ (b) Portuguese ☐
 (c) Italian ☐ (d) Vikings ☐
50. Epsom (England) is the place associated with
 (a) Horse Racing ☐ (b) Snooker ☐
 (c) Polo ☐ (d) Shooting ☐

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

Directions (Questions 1-5) : Identify the parts of speech of each underlined words:

- | | | | |
|----|--|--------------------------|--|
| 1. | Many people have a fear of <u>darkness</u> . | | |
| | (a) Noun | ☐ | (b) Verb ☐ |
| | (c) Adjective | ☐ | (d) Adverb ☐ |
| 2. | <u>Alas!</u> That is really sad. | | |
| | (a) Adjective | ☐ | (b) Interjections ☐ |
| | (c) Noun | ☐ | (d) Verb ☐ |
| 3. | My friends <u>visited</u> me last week. | | |
| | (a) Pronoun | ☐ | (b) Adjective ☐ |
| | (c) Verb | ☐ | (d) Adverb ☐ |
| 4. | Did you <u>have</u> your breakfast? | | |
| | (a) Conjunction | ☐ | (b) Preposition ☐ |
| | (c) Adverb | ☐ | (d) Verb ☐ |
| 5. | The weather is <u>pleasant</u> today. | | |
| | (a) Adjective | ☐ | (b) Conjunction ☐ |
| | (c) Adverb | ☐ | (d) Preposition ☐ |

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

- | | | | |
|-----|---|--------------------------|-----------------------------------|
| 6. | Beware ____ the dog. | | |
| | (a) for | ☐ | (b) to ☐ |
| | (c) of | ☐ | (d) with ☐ |
| 7. | He is very interested ____ old musical instruments. | | |
| | (a) on | ☐ | (b) in ☐ |
| | (c) with | ☐ | (d) of ☐ |
| 8. | You can depend_____ him. | | |
| | (a) to | ☐ | (b) with ☐ |
| | (c) at | ☐ | (d) by ☐ |
| 9. | I don't agree ____ you. | | |
| | (a) to | ☐ | (b) at ☐ |
| | (c) with | ☐ | (d) into ☐ |
| 10. | She is very good____ explaining things. | | |
| | (a) in | ☐ | (b) from ☐ |
| | (c) at | ☐ | (d) with ☐ |

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

- | | | | |
|-----|-----------------------------------|--------------------------|---------------------------------------|
| 11. | I ____ to school yesterday. | | |
| | (a) walked | ☐ | (b) walks ☐ |
| | (c) am walking | ☐ | (d) walking ☐ |
| 12. | She____ soccer in the afternoon. | | |
| | (a) was playing | ☐ | (b) played ☐ |
| | (c) playing | ☐ | (d) plays ☐ |
| 13. | We ____ to the music all evening. | | |
| | (a) listen | ☐ | (b) listened ☐ |
| | (c) listening | ☐ | (d) listens ☐ |

14. She ____ her fees yesterday.
 (a) paid ☐ (b) pay ☐
 (c) pays ☐ (d) paying ☐
15. He _____ her for a long time before he finally got married to her.
 (a) was known ☐ (b) had known ☐
 (c) have known ☐ (d) know ☐

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

16. Gold is _____precious metal.
 (a) an ☐ (b) the ☐
 (c) a ☐ (d) none ☐
17. Brutus is_____honorable man.
 (a) a ☐ (b) an ☐
 (c) the ☐ (d) none ☐
18. Banaras is_____holy city of the Hindus.
 (a) the ☐ (b) a ☐
 (c) an ☐ (d) none ☐
19. _____ lion is the king of beasts.
 (a) a ☐ (b) an ☐
 (c) the ☐ (d) none ☐
20. We discussed_____matter seriously.
 (a) the ☐ (b) a ☐
 (c) an ☐ (d) none ☐

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

21. The Window pane is transparent
 (a) translucent ☐ (b) solid ☐
 (c) fragile ☐ (d) opaque ☐
22. The doctor was very gentle with his patients in the examining room.
 (a) harsh ☐ (b) unkind ☐
 (c) rough ☐ (d) rude ☐
23. Policemen on night duty should not be sleepy;
 (a) alert ☐ (b) smart ☐
 (c) danger ☐ (d) strong ☐
24. The thief showed his disbelief when informed that his partner had been arrested.
 (a) displayed ☐ (b) concealed ☐
 (c) marked ☐ (d) battled ☐
25. His review of the new book was a blend of condemnation
 (a) commendation ☐ (b) renunciation ☐
 (c) recommendation ☐ (d) criticism ☐

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

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

There is modicum of truth in the assertion that "a working knowledge of ancient history is necessary to the intelligent interpretation of current events". But the sage who uttered these words of wisdom might well have added something on the benefits of studying, particularly, the famous battles of history for the lessons they contain for those of us who lead or aspire to leadership. Such a study will reveal certain qualities and attributes which enabled the winners to win and certain deficiencies which caused the losers to lose. And the student will see that the same patterns recur consistently, again and again, throughout the centuries.

- (1) A person who aspires to lead could learn from the history of battles
- A. what led the previous leaders win a battle ☐
- B. what made them lose a battle ☐
- C. the qualities and deficiencies of commanders of these battles ☐
- D. the strategies that they have evolved in course of these battles ☐
- (2) In this context, "intelligent interpretation of current event" means
- A. rational explanation of events ☐
- B. appropriate understanding of events ☐
- C. intellectual outlook on events ☐
- D. skilful interpretation of events ☐
- (3) The expression "more than a modicum of truth" means
- A. some truth ☐ B. much truth ☐
- C. more than a small amount of truth ☐ D. nothing but truth ☐
- (4) According to the writer, a study of famous battles of history would
- A. be beneficial to wise men ☐
- B. provide food to modern leaders for reflection ☐
- C. be more useful than a general knowledge of ancient history ☐
- D. help us understand the art of modern warfare ☐
- (5) A knowledge of history is necessary to interpret current problems because
- A. they have roots in the past ☐
- B. they can be contrasted with the past events ☐
- C. they may be repetitions of past events ☐
- D. only then they can be put in a proper context ☐

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

Organisations are institutions in which members compete for status and power. They compete for resource of the organisation, for example finance to expand their own departments, for career advancement and for power to control the activities of others. In pursuit of these aims, groups are formed and sectional interests emerge. As a result, policy decisions may serve the ends of political and career systems rather than those of the concern. In this way, the goals of the organisation may be displaced in favour of sectional interests and individual ambition. These preoccupations sometimes prevent the emergence of organic systems. Many of the electronic firms in the study had recently created research and development departments employing highly qualified and well paid scientists and technicians. Their high pay and expert knowledge were sometimes seen as a threat to the established order of rank, power and privilege. Many senior managers had little knowledge of technicality and possibilities of new developments and electronics. Some felt that close cooperation with the experts in an organic system would reveal their ignorance and show their experience was now redundant.

- (1) The theme of the passage is
- A. groupism in organizations ☐
 - B. individual ambitions in organizations ☐
 - C. frustration of senior managers ☐
 - D. emergence of sectional interests in organizations ☐
- (2) "Organic system" as related to the organization implies its
- A. growth with the help of expert knowledge ☐
 - B. growth with input from science and technology ☐
 - C. steady all around development ☐
 - D. natural and unimpeded growth ☐
- (3) Policy decision in organization would involve
- A. cooperation at all levels in the organization ☐
 - B. modernization of the organization ☐
 - C. attracting highly qualified personnel ☐
 - D. keeping in view the larger objectives of the organizations ☐
- (4) The author makes out a case for
- A. organic system ☐
 - B. Research and Development in organisations ☐
 - C. an understanding between senior and middle level executives ☐
 - D. a refresher course for senior managers ☐
- (5) The author tends to the senior managers as
- A. ignorant and incompetent ☐
 - B. a little out of step with their work environment ☐
 - C. jealous of their younger colleagues ☐
 - D. robbed of their rank, power and privilege ☐

PART-D
ESSAY WRITTING
(30 Marks)

Write an Essay on any one of the following : (30)

- (a) Importance of Water Purification for our Society.
- (b) Analysis Contamination of Drinking Water
- (c) Importance of Laboratory for Providing of safe Drinking Water.

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