



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

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

**ASSISTANT MECHANIC
(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

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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 is the name of the tri-services military exercise conducted by India in eastern sector?
(a) Agni Path ☐ (b) Vayu Shakti ☐
(c) Poorvi Prahaar ☐ (d) Yudh Abhyas ☐
2. Which two organizations recently signed an agreement to develop a “millimeter wave transceiver for 5G rural connectivity”?
(a) C-DOT and IIT-Roorkee ☐ (b) ISRO and IIT-Delhi ☐
(c) DRDO and IIT-Madras ☐ (d) TRAI and IISc-Bangalore ☐
3. Which day is observed as National Legal Services Day?
(a) November 8 ☐ (b) November 9 ☐
(c) November 10 ☐ (d) November 11 ☐
4. ‘Sea Vigil-24’ is a Defence Exercise conducted by which country?
(a) Bangladesh ☐ (b) Sri Lanka ☐
(c) India ☐ (d) Myanmar ☐
5. Which city is proposed for the world’s first high-altitude para sports centre?
(a) Leh ☐ (b) Darjeeling ☐
(c) Mussoorie ☐ (d) Dehradun ☐
6. Raja Ram Mohan Roy was born on May 22, 1772 in village Radhanagar in the District of Hooghly in _____.
(a) Bombay ☐ (b) Assam ☐
(c) Bengal ☐ (d) Madhya Pradesh ☐
7. Raja Ram Mohan Roy was given the title ‘Raja’ by the _____.
(a) Mughals ☐ (b) British ☐
(c) French ☐ (d) Madhya Pradesh ☐
8. Year of the Battle of Plassey is _____.
(a) 1557 ☐ (b) 1657 ☐
(c) 1757 ☐ (d) 1857 ☐
9. Who spoke “At the stroke of midnight, when the world sleeps, India awakes to life and freedom”?
(a) Netaji Subhas Chandra Bose ☐ (b) Mahatma Gandhi ☐
(c) Jawaharlal Nehru ☐ (d) Rajagopalachari ☐
10. Which of the following is called the ‘Popular Chamber’
(a) State Assembly ☐ (b) Rajya Sabha ☐
(c) Lok Sabha ☐ (d) Gram Sabha ☐
11. Who can remove the Vice-President from his office?
(a) President ☐ (b) Prime Minister ☐
(c) Parliament ☐ (d) Legislative Assembly of State ☐

12. The highest law officer in the state is :
 (a) Attorney General ☐ (b) Advocate General ☐
 (c) Additional General ☐ (d) None of Above ☐
13. How many times has the Preamble to the constitution of India been amended?
 (a) 5 ☐ (b) 4 ☐
 (c) 1 ☐ (d) 2 ☐
14. A person to be eligible for election as president of India should have completed
 (a) 25 years ☐ (b) 21 years ☐
 (c) 30 years ☐ (d) 35 years ☐
15. The highest law officer in India is:
 (a) Attorney General ☐ (b) Advocate General ☐
 (c) Additional General ☐ (d) None of Above ☐
16. The office of the president can fall vacant due to
 (a) resignation ☐ (b) death ☐
 (c) removal ☐ (d) All of the above ☐
17. In which form of government the rulers are elected by the people?
 (a) Autocratic ☐ (b) Democratic ☐
 (c) Martial law ☐ (d) Aristocratic ☐
18. Which of the following areas or regions is most prone to earthquakes?
 (a) Ganga-Brahmaputra valley ☐ (b) Deccan plateau ☐
 (c) Plains of northern India ☐ (d) Western ghats ☐
19. Which of the following crops needs maximum water per hectare?
 (a) Barley ☐ (b) Wheat ☐
 (c) Sugarcane ☐ (d) Maize ☐
20. What does the El-Nino Effect cause in India?
 (a) Lower rainfall in India ☐ (b) Higher rainfall in India ☐
 (c) Cyclones in India ☐ (d) Has no impact ☐
21. Pre-monsoon showers in Kerala are known as?
 (a) Kaal Baisakhi ☐ (b) Bardoli Chheerha ☐
 (c) Mango showers ☐ (d) Loo ☐
22. Which place receives the highest rainfall in the world?
 (a) Silchar ☐ (b) Cherrapunji ☐
 (c) Mawsynram ☐ (d) Guwahati ☐
23. In which season does sugarcane is cultivated?
 (a) Kharif season ☐ (b) Rabi season ☐
 (c) Zaid season ☐ (d) None of the above ☐
24. Which among the following is known as policy rate?
 (a) Repo rate ☐ (b) Reverse repo rate ☐
 (c) Bank rate ☐ (d) MSF ☐
25. What is the full form of MSP, an important policy to improve agricultural marketing system?
 (a) Minimum Selling Price ☐ (b) Maximum Selling Price ☐
 (c) Minimum Support Price ☐ (d) Maximum Support Price ☐

26. In the world in terms of Railway Network system India ranks:
- | | | | |
|------------|--------------------------|-----------|--------------------------|
| (a) second | ☐ | (b) first | ☐ |
| (c) fourth | ☐ | (d) third | ☐ |
27. At present, the number of nationalized banks are:
- | | | | |
|--------|--------------------------|--------|--------------------------|
| (a) 19 | ☐ | (b) 17 | ☐ |
| (c) 15 | ☐ | (d) 12 | ☐ |
28. Mobile phone batteries are made of –
- | | | | |
|------------------|--------------------------|----------------------|--------------------------|
| (a) Lithium ion | ☐ | (b) Tungsten ion | ☐ |
| (c) Graphite ion | ☐ | (d) All of the above | ☐ |
29. On an average how many million Red Blood Cells are present in a healthy human adult man per mm³ of blood?
- | | | | |
|---------------|--------------------------|---------------|--------------------------|
| (a) 1.5 – 2.0 | ☐ | (b) 5.0 – 5.5 | ☐ |
| (c) 2.0 – 2.5 | ☐ | (d) 9.0 – 9.5 | ☐ |
30. What is the approximate diameter of the earth?
- | | | | |
|---------------|--------------------------|---------------|--------------------------|
| (a) 12,742 km | ☐ | (b) 14,742 km | ☐ |
| (c) 13,742 km | ☐ | (d) 15,742km | ☐ |
31. How long does light from the sun take to reach the earth?
- | | | | |
|---------------------------|--------------------------|--------------------------|--------------------------|
| (a) 0.20 seconds | ☐ | (b) 8 minutes 20 seconds | ☐ |
| (c) 88 minutes 40 seconds | ☐ | (d) 180 minutes | ☐ |
32. Which type of cancer is the most common among men in Mizoram?
- | | | | |
|--------------------|--------------------------|---------------------|--------------------------|
| (a) Stomach Cancer | ☐ | (b) Prostate cancer | ☐ |
| (c) Lung Cancer | ☐ | (d) Skin Cancer | ☐ |
33. Who is the current Minister of Higher & Technical Education Department in Mizoram?
- | | | | |
|---------------------|--------------------------|--------------------|--------------------------|
| (a) Dr. Vanlalhlana | ☐ | (b) F. Rodingliana | ☐ |
| (c) Lalrinpuii | ☐ | (d) Jeje Lalpekhlu | ☐ |
34. The author of the book “Aizawlah Aizawler”?
- | | | | |
|----------------------------|--------------------------|---------------------------------|--------------------------|
| (a) Lalhrualtuang Chawngte | ☐ | (b) Mafaa Hauhnar | ☐ |
| (c) C. Lalnunchanga | ☐ | (d) Dr. Laltluangliana Khiangte | ☐ |
35. Thomas Muller, who recently announced his retirement, is associated with which sports?
- | | | | |
|--------------|--------------------------|------------|--------------------------|
| (a) Cricket | ☐ | (b) Hockey | ☐ |
| (c) Football | ☐ | (d) Squash | ☐ |
36. Which country hosted the 1st FIFA Football World Cup held in 1930?
- | | | | |
|------------------------------|--------------------------|----------------|--------------------------|
| (a) Uruguay | ☐ | (b) Argentina | ☐ |
| (c) United States of America | ☐ | (d) Yugoslavia | ☐ |
37. Which of the following is a direct Tax?
- | | | | |
|----------------|--------------------------|---------------|--------------------------|
| (a) Income Tax | ☐ | (b) Sales Tax | ☐ |
| (c) VAT | ☐ | (d) GST | ☐ |
38. What is the new school education structure as per the NEP, 2020?
- | | | | |
|-------------------|--------------------------|-------------------|--------------------------|
| (a) 3+4+3+5 model | ☐ | (b) 10+2 model | ☐ |
| (c) 5+3+3+4 model | ☐ | (d) 3+3+4+5 model | ☐ |

39. Which day in a year is celebrated as World AIDS Day?
 (a) 1st December ☐ (b) 2nd December ☐
 (c) 7th December ☐ (d) 5th December ☐
40. Who was recognised as the 2024 Person of the Year by the Time Magazine?
 (a) Donald Trump ☐ (b) Narendra Modi ☐
 (c) Vladimir Putin ☐ (d) Lionel Messi ☐
41. Total Number of Lok sabha seats in Mizoram?
 (a) 2 ☐ (b) 3 ☐
 (c) 1 ☐ (d) 5 ☐
42. Which one is the largest district by area wise in Mizoram?
 (a) Aizawl ☐ (b) Siahla ☐
 (c) Lunglei ☐ (d) Mamit ☐
43. What is the area of Mizoram?
 (a) 8,140 sq. mi ☐ (b) 10,7140 sq. mi ☐
 (c) 99,142 sq. mi ☐ (d) None of these ☐
44. In which year the Mizo Accord was signed?
 (a) 1974 ☐ (b) 1982 ☐
 (c) 1986 ☐ (d) None of these ☐
45. According to Mizo customs, a person dies without any ailment is called
 (a) Hlamzuih ☐ (b) Raicheh ☐
 (c) Za chham lak ☐ (d) Sarthi ☐
46. Which one is not a Mizo musical instrument
 (a) Fenthliir ☐ (b) Bengbung ☐
 (c) Lemlawi ☐ (d) Rawchhem ☐
47. The Lushai Scout Corps recruited in 1944 was also known as
 (a) Biate Sipai ☐ (b) Regular Army ☐
 (c) Burma Army ☐ (d) Lushai Army ☐
48. A Mizo chief who claimed to have imprinted his image in the coin was
 (a) Suakpuilala ☐ (b) Lallula ☐
 (c) Rothangpuia ☐ (d) Lalburha ☐
49. The period of 'Selesih sangsarih' to be around
 (a) 1740 - 1750 AD ☐ (b) 1850 - 1860 AD ☐
 (c) 1840 - 1850 AD ☐ (d) Lungvando - Biate ☐
50. The first Chief Minister of Mizoram Union Territory was
 (a) Ch.Chhunga ☐ (b) Lalthanhawla ☐
 (c) Brig. T.Sailo ☐ (d) Laldenga ☐

----ooOoo----

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

Directions (Questions 1 – 5) : Choose the correct meaning of the idioms provided below:

- | | | |
|-----------------------|--|--|
| 1. flesh and blood | (a) human nature ☐ | (b) now and then ☐ |
| | (c) of the same opinion ☐ | (d) on intimate terms ☐ |
| | | |
| 2. turned a deaf ear | (a) says one thing and does another ☐ | (b) disregarded ☐ |
| | (c) by any means ☐ | (d) in dispute ☐ |
| | | |
| 3. a piece of cake | (a) something which is very easy ☐ | (b) something which is very difficult ☐ |
| | (c) to dislike something ☐ | (d) to end successfully ☐ |
| | | |
| 4. in black and white | (a) stripes ☐ | (b) confused ☐ |
| | (c) written proof ☐ | (d) to be very angry ☐ |
| | | |
| 5. green with envy | (a) favour ☐ | (b) to be very pleased ☐ |
| | (c) to be jealous ☐ | (d) with distinction ☐ |

Directions (Questions 6 – 10) : Choose the correct parts of speech for the underlined words.

- | | | |
|---|--|--|
| 6. The class is studying <u>grammar</u> | (a) verb ☐ | (b) abstract noun ☐ |
| | (c) collective noun ☐ | (d) preposition ☐ |
| | | |
| 7. I have called <u>several</u> times | (a) noun ☐ | (b) adjective ☐ |
| | (c) verb ☐ | (d) adverb ☐ |
| | | |
| 8. <u>Put</u> away your books | (a) adverb ☐ | (b) verb ☐ |
| | (c) noun ☐ | (d) preposition ☐ |
| | | |
| 9. He was <u>ill</u> pleased | (a) noun ☐ | (b) adjectives ☐ |
| | (c) adverb ☐ | (d) interjection ☐ |
| | | |
| 10. Don't loiter <u>about</u> the street. | (a) adjective ☐ | (b) preposition ☐ |
| | (c) noun ☐ | (d) pronoun ☐ |

Directions (Questions 11 - 15) : Choose the correct answer.

- | | | |
|--------------------------------------|-------------------------------------|------------------------------------|
| 11. Never speak _____ language | (a) fool ☐ | (b) fowl ☐ |
| | (c) foul ☐ | (d) flour ☐ |
| | | |
| 12. The fort was _____ to the ground | (a) rays ☐ | (b) razed ☐ |
| | (c) raised ☐ | (d) route ☐ |

13. The moon is on the _____ these days
 (a) vain ☐ (b) vine ☐
 (c) vane ☐ (d) wane ☐
14. A _____ of rooms
 (a) suit ☐ (b) suite ☐
 (c) board ☐ (d) sheaf ☐
15. A _____ of rays
 (a) pencil ☐ (b) pair ☐
 (c) heap ☐ (d) pile ☐

Directions (Questions 16 - 20) : Fill in the blanks with the correct preposition.

16. He pushed me _____ the swimming pool.
 (a) into ☐ (b) under ☐
 (c) onto ☐ (d) inside ☐
17. I went _____ the chemist's just now, but I didn't notice if it was open.
 (a) past ☐ (b) over ☐
 (c) through ☐ (d) in ☐
18. David hurt himself. He fell _____ his bike.
 (a) from ☐ (b) on ☐
 (c) off ☐ (d) over ☐
19. Pompeii is quite _____ Sorrento. It's only a short train ride.
 (a) near ☐ (b) far off ☐
 (c) far ☐ (d) close ☐
20. There's such a crowd. You won't find your friend _____ all these people.
 (a) amongst ☐ (b) from ☐
 (c) among ☐ (d) near ☐

Directions (Questions 21 - 25) : Choose the correct synonym of the underlined words.

21. His perseverance ultimately led to his success.
 (a) defeat ☐ (b) corruption ☐
 (c) persistence ☐ (d) kindness ☐
22. He asked me discreetly whether I knew the thief or not.
 (a) loudly ☐ (b) cautiously ☐
 (c) angrily ☐ (d) carelessly ☐
23. I was amazed by the fortitude of the young man.
 (a) courage ☐ (b) fickleness ☐
 (c) kindness ☐ (d) cruelty ☐
24. John was a candid person whom I liked tremendously.
 (a) humorous ☐ (b) sarcastic ☐
 (c) beautiful ☐ (d) frank ☐
25. He was a peculiar man whom I met while travelling to Delhi.
 (a) unusual ☐ (b) careful ☐
 (c) normal ☐ (d) intelligent ☐

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

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

If a person suddenly encounters any terrible danger, the change of nature one undergoes is equally great. Sometimes fear numbs our senses. Like animals, one stands still, powerless to move a step in fright or to lift a hand in defense of our lives, and sometimes one is seized with panic, and again, act more like the inferior animals than rational beings. On the other hand, frequently in cases of sudden extreme peril, which cannot be escaped by flight, and must be instantly faced, even the most timid men at once as if by miracle, become possessed of the necessary courage, sharp quick apprehension and swift decision. This is a miracle very common in nature. Man and the inferior animals alike, when confronted with almost certain death 'gather resolution from despair' but there can really be no trace of so debilitating a feeling in the person fighting, or prepared to fight for dear life. At such times the mind is clearer than it has ever been; the nerves are steel, there is nothing felt but a wonderful strength and daring. Looking back at certain perilous moments in my own life, I remember them with a kind of joy, not that there was any joyful excitement then, but because they broadened my horizon, lifted me for a time above myself.

- (1) The title that best suits the passage would be:-
- A. The Will to Fight ☐
- B. The Miracle of Confronting Danger ☐
- C. The Change of Nature ☐
- D. Courage and Panic ☐
- (2) A man may react to sudden danger in three different ways . What are they?
- A. He may flee in panic, or fight back or stand still. ☐
- B. He may be paralyzed with fear, seized with panic or act like an inferior animal. ☐
- C. He may be paralyzed with fear, or seized with panic, or as if by miracle, become possessed of the necessary courage, and face the danger. ☐
- D. He may be paralyzed with fear, run away or fight. ☐
- (3) What is the meaning of the word debilitating ?
- A. enfeeble ☐
- B. strengthen ☐
- C. debase ☐
- D. thriving ☐
- (4) Explain the phrase 'gather resolution from danger'.
- A. Find peace in times of difficulty. ☐
- B. A state of utter hopelessness makes one determined to face the difficulty. ☐
- C. To remain calm and not to lose hope. ☐
- D. To be enthusiastic and brave the odds. ☐
- (5) The author feels happy in the recollection of dangers faced and overcome because
- A. They brought him a new experience. ☐
- B. They added a new perspective and lifted him above himself for a time. ☐
- C. These experiences boosted his confidence. ☐
- D. He felt elated as he was alive. ☐

2. **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 opportunities. 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. businessman ☐
 - B. Lawyers ☐
 - C. Politicians ☐
 - D. Policeman ☐
- (5) This yearning, over the years, has
 - A. persisted ☐
 - B. soared ☐
 - C. declined ☐
 - D. disappeared ☐

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PART-D
ESSAY WRITTING
(30 Marks)

Write an Essay on anyone of the following : (30)

- (a) Mechanical Revolution for the past 5 years in Mizoram.
- (b) Impact of Social Media on Mizo Society
- (c) Importance of Water Conservation.

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