



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

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

**PUMP OPERATOR
(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 Writing (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 state government has launched India's first WhatsApp-based governance platform named 'Mana Mitra'?
(a) Madhya Pradesh ☐ (b) Gujarat ☐
(c) Andhra Pradesh ☐ (d) Karnataka ☐
2. Which company has launched a new Artificial Intelligence (AI) tool named Deep Research?
(a) Microsoft ☐ (b) Meta ☐
(c) OpenAI ☐ (d) Amazon ☐
3. Who won gold medal in the women's 75kg boxing event at the National Games 2025?
(a) Lovlina Borgohain ☐ (b) Rupika Rani ☐
(c) Nikhat Zareen ☐ (d) Preeti Pawar ☐
4. Exercise Cyclone 2025 is conducted between India and which country?
(a) Maldives ☐ (b) Australia ☐
(c) Indonesia ☐ (d) Egypt ☐
5. Which country has developed the intercontinental ballistic missile RS-28 Sarmat?
(a) France ☐ (b) China ☐
(c) Japan ☐ (d) Russia ☐
6. How many Tirthankaras were there in ancient India?
(a) 23 ☐ (b) 24 ☐
(c) 16 ☐ (d) 22 ☐
7. The oldest Veda is
(a) Yajurveda ☐ (b) Samveda ☐
(c) Atharvaveda ☐ (d) Rigveda ☐
8. Who discovered the Indus Valley civilization?
(a) Rakhaladas Banerjee ☐ (b) A. L. Basham ☐
(c) Sir Leonard Wooley ☐ (d) V. S. Agarwal ☐
9. Qutubuddin Aibak died when playing which game?
(a) Pasha ☐ (b) Polo ☐
(c) Chess ☐ (d) Carrom ☐
10. "Equal Pay for Equal Work" has been ensured in the Indian Constitution as one of the?
(a) Preamble ☐ (b) Fundamental Duties ☐
(c) Economical Right ☐ (d) Directive Principles of State Policy ☐
11. What is the term of the Rajya Sabha member?
(a) Five years ☐ (b) Four years ☐
(c) Three Years ☐ (d) Six years ☐
12. Which one of the following is NOT a part of the Preamble of the Indian Constitution?
(a) Secularism ☐ (b) Democratic ☐
(c) Socialism ☐ (d) Federalism ☐

13. The President Rule cannot be extended?
 (a) More than 6 months ☐ (b) More than 1 year ☐
 (c) More than 3 years ☐ (d) Life time ☐
14. Which Part of the Indian Constitution have the Directive principles of state policy incorporated?
 (a) Part-II ☐ (b) Part-IV ☐
 (c) Part-VII ☐ (d) Part-VI ☐
15. Which of the following Amendments to Constitution of India grants a Constitutional status to 'Panchayat Raj System'?
 (a) 71st Amendment ☐ (b) 73rd Amendment ☐
 (c) 72nd Amendment ☐ (d) 75th Amendment ☐
16. When the National Emergency was first declared in India?
 (a) 1971 ☐ (b) 1975 ☐
 (c) 1962 ☐ (d) 1977 ☐
17. Which among the following is the first state in India to have the Panchayat Raj system?
 (a) West Bengal ☐ (b) Rajasthan ☐
 (c) Madhya Pradesh ☐ (d) Uttar Pradesh ☐
18. The place on the earth surface above the focus is called the?
 (a) Focus ☐ (b) Incentre ☐
 (c) Epicenter ☐ (d) Circumcentre ☐
19. Which of the port is not a natural port?
 (a) Chennai ☐ (b) Mumbai ☐
 (c) Cochin ☐ (d) Paradip ☐
20. Which state has the highest percentage of forest?
 (a) Uttar Pradesh ☐ (b) Mizoram ☐
 (c) Arunachal Pradesh ☐ (d) Assam ☐
21. Which is the largest west flowing river of the peninsular India?
 (a) Tapi ☐ (b) Narmada ☐
 (c) Krishna ☐ (d) Kaveri ☐
22. Which of the following countries are separated by the 49th parallel?
 (a) North Korea and South Korea ☐ (b) South Africa and Zimbabwe ☐
 (c) USA and Canada ☐ (d) France and Germany ☐
23. The proportion of the population below the poverty line is called the poverty ratio or _____.
 (a) Income Disparity Index ☐ (b) Headcount ratio ☐
 (c) Socioeconomic Quotient ☐ (d) Gini Coefficient ☐
24. The concept of five-year plans in the Constitution of India is borrowed from _____.
 (a) Russia ☐ (b) England ☐
 (c) The United States ☐ (d) Germany ☐
25. NABARD is associated with
 (a) Rural development ☐ (b) Development of railways ☐
 (c) Industrial development ☐ (d) Urban development ☐

26. Who maintains foreign exchange reserve in our country?
 (a) Minister of Finance, Govt. of India ☐ (b) Export-Import Bank of India ☐
 (c) Reserve Bank of India ☐ (d) State Bank of India ☐
27. State Bank of India was formerly known as
 (a) The Central bank of India ☐ (b) The Industrial Bank of India ☐
 (c) The Imperial Bank of India ☐ (d) The National Bank of India ☐
28. The kinetic energy of a moving body depends upon its
 (a) weight and position ☐ (b) mass and position ☐
 (c) weight and velocity ☐ (d) mass and velocity ☐
29. The time difference for every degree of longitude is
 (a) two minutes ☐ (b) four minutes ☐
 (c) eight minutes ☐ (d) fifteen minutes ☐
30. If blood pressure is measured as 120/80 mm of Hg, the term 120 refers to
 (a) pulse rate ☐ (b) systolic pressure ☐
 (c) heartbeat rate ☐ (d) diastolic pressure ☐
31. Precipitation includes
 (a) Snow, Sleet, Hail ☐ (b) Rain, Dew, Sleet ☐
 (c) Rain, Mist, Snow ☐ (d) Snow, Hail, Mist ☐
32. Pencil 'lead' is made up of
 (a) graphite ☐ (b) charcoal ☐
 (c) phosphorus ☐ (d) lampblack ☐
33. Who is the current Minister of Tourism Department in Mizoram?
 (a) Baryl Vanneihsang ☐ (b) C. Lalsawivunga ☐
 (c) Lalnghinglova Hmar ☐ (d) Prof. Lalnilawma ☐
34. MAL Book of the year 2024 is _____
 (a) Eng nge i zawn? – Rema Chhakchhuak ☐
 (b) Daidaina bang phena thuruk – Zohmangaihi ☐
 (c) Pangparhnima – Ahmangaihi Khiangte ☐
 (d) Hun inher kara Zofate – F. Lalrochana ☐
35. Which state is the host of 39th edition of the National Games in 2027?
 (a) Tripura ☐ (b) Assam ☐
 (c) Sikkim ☐ (d) Meghalaya ☐
36. Which countries have been excluded from the FIFA World Cup 2026?
 (a) Pakistan, Russia, Congo ☐ (b) Italy, Iran and Kuwait ☐
 (c) China, Japan, South Korea ☐ (d) Ukraine, France, Brazil ☐
37. Fiscal Policy in India is formulated by
 (a) Finance Commission of India ☐ (b) RBI ☐
 (c) Ministry of Finance ☐ (d) NABARD ☐

38. The daily wage rate for unskilled manual workers under MGNREGA in Mizoram is
 (a) Rs. 500 ☐ (b) Rs. 281 ☐
 (c) Rs. 266 ☐ (d) Rs. 249 ☐
39. At what age Wisdom teeth normally grow?
 (a) 34 – 40 years ☐ (b) 12 – 15 years ☐
 (c) 17 – 30 years ☐ (d) 40 – 45 years ☐
40. Which of the following is the largest gland in human body?
 (a) Thyroid ☐ (b) Kidney ☐
 (c) Liver ☐ (d) Pancreas ☐
41. *Hnamchawm* in the early Mizo society refers to:
 (a) Slaves or Bawis ☐ (b) Hunters ☐
 (c) Common people ☐ (d) Chief's elders ☐
42. How many Rural development blocks are there in Mizoram?
 (a) 24 ☐ (b) 26 ☐
 (c) 28 ☐ (d) 40 ☐
43. Sacrificial ceremony Daibawl in the early Mizo society referred to?
 (a) Stomachache ☐ (b) Headache ☐
 (c) Fever ☐ (d) Horse ☐
44. In Mizo mythology, a tall tree standing at the centre of the earth is called
 (a) Thingvando ☐ (b) Thingvandawt ☐
 (c) Thingvantawng ☐ (d) Thingvandek ☐
45. 'Thaichhawninu' was associated in Mizo folktales with
 (a) Kelchawngi ☐ (b) Mauruangi ☐
 (c) Chawngtinleri ☐ (d) Thailungi ☐
46. 'Lalmanga nu lawm rawih ni' is a Mizo term for-
 (a) Spring Equinox ☐ (b) Summer Solstice ☐
 (c) Solar Eclipse ☐ (d) Lunar Eclipse ☐
47. Lamsial puk is located at
 (a) Khawbung ☐ (b) Vaphai ☐
 (c) Farkawn ☐ (d) Samthang ☐
48. A person who became bawi (slave) for the sake of poverty is:
 (a) Chemsen bawi ☐ (b) Tukluh bawi ☐
 (c) Vanlung ur ☐ (d) Inpuichhung bawi ☐
49. The first Mizo to represent India in the Olympic Games was
 (a) Khawllianthanga ☐ (b) C. Lalremsanga ☐
 (c) Zothangliana ☐ (d) Zomuansanga ☐
50. Laltheri, a Sailo girl was the daughter of one of the most powerful chiefs named
 (a) Lalbuta ☐ (b) Lalhrima ☐
 (c) Lalsavunga ☐ (d) Lalhuapa ☐

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

Directions (Questions 1-5): Fill in the blanks with the correct form of the verbs:

- | | | | |
|----|--|--------------------------|---|
| 1. | Thanga _____ living here for two years. | | |
| | (a) is | ☐ | (b) have been ☐ |
| | (c) has been | ☐ | (d) has ☐ |
| 2. | They _____ on the project at the moment. | | |
| | (a) is working | ☐ | (b) working ☐ |
| | (c) be working | ☐ | (d) are working ☐ |
| 3. | I never _____ Liana anymore. | | |
| | (a) seen | ☐ | (b) see ☐ |
| | (c) has seen | ☐ | (d) have seen ☐ |
| 4. | We _____ a lot of volunteer work. | | |
| | (a) do | ☐ | (b) doing ☐ |
| | (c) are do | ☐ | (d) does ☐ |
| 5. | His company is greatly _____ after. | | |
| | (a) sought | ☐ | (b) seeking ☐ |
| | (c) been seeking | ☐ | (d) has been seeking ☐ |

Directions (Questions 6 - 10) : Choose the alternative which best expresses the meaning of the idiom/phrases.

- | | | | |
|-----|--|--------------------------|---|
| 6. | We reached <u>at the eleventh hour</u> . | | |
| | (a) late | ☐ | (b) at the last moment ☐ |
| | (c) right on time | ☐ | (d) before time ☐ |
| 7. | The police put him <u>on the rock</u> to extract the truth from him. | | |
| | (a) tormented | ☐ | (b) restless ☐ |
| | (c) interrogated | ☐ | (d) hypnotized ☐ |
| 8. | The parties are <u>at a deadlock</u> . | | |
| | (a) unable to come to a settlement | ☐ | (b) in confusion ☐ |
| | (c) finally come to a settlement | ☐ | (d) finally solved the problem ☐ |
| 9. | Jack was to all <u>intents and purposes</u> , an honest man. | | |
| | (a) frankly | ☐ | (b) really ☐ |
| | (c) fully | ☐ | (d) apparently ☐ |
| 10. | The leather is of <u>first water</u> . | | |
| | (a) highest grade | ☐ | (b) low quality ☐ |
| | (c) medium grade | ☐ | (d) export quality ☐ |

Directions (Questions 11 - 15) : Fill in the blanks with correct prepositions :

- | | | | |
|-----|--------------------------------------|--------------------------|-----------------------------------|
| 11. | I am fond _____ music. | | |
| | (a) on | ☐ | (b) of ☐ |
| | (c) for | ☐ | (d) upon ☐ |
| 12. | The village was destroyed_____ fire. | | |
| | (a) with | ☐ | (b) by ☐ |
| | (c) in | ☐ | (d) at ☐ |

13. Do not cry _____ spilt milk.
 (a) by ☐ (b) till ☐
 (c) during ☐ (d) over ☐
14. I acted according _____ his advice.
 (a) with ☐ (b) to ☐
 (c) by ☐ (d) in ☐
15. The girl has been missing _____ yesterday.
 (a) since ☐ (b) within ☐
 (c) for ☐ (d) by ☐

Directions (Questions 16-20) : Choose the right alternatives from the given options.

16. Mr. Luke is the _____ of our school.
 (a) Principal ☐ (b) principle ☐
 (c) precipice ☐ (d) perfectionist ☐
17. John has _____ throat due to cold and cough.
 (a) soar ☐ (b) soil ☐
 (c) sole ☐ (d) sore ☐
18. The building were _____ to the ground by the Municipal Corporation.
 (a) raised ☐ (b) razed ☐
 (c) rammed ☐ (d) risen ☐
19. Absence makes the heart grow _____.
 (a) harder ☐ (b) sweeter ☐
 (c) bitter ☐ (d) fonder ☐
20. Home is where the _____ is.
 (a) head ☐ (b) heart ☐
 (c) feet ☐ (d) feeling ☐

Directions (Questions 21 - 25) : Name the Part of Speech of the underlined words in the following sentences:

21. The sun gives us heat and light.
 (a) adverb ☐ (b) conjunction ☐
 (c) interjection ☐ (d) verb ☐
22. I am extremely excited for my trip to Greece.
 (a) adjective ☐ (b) verb ☐
 (c) adverb ☐ (d) interjection ☐
23. The group had breakfast at cafe.
 (a) noun ☐ (b) adverb ☐
 (c) pronoun ☐ (d) adjective ☐
24. I am not strong enough to lift this heavy rucksack.
 (a) noun ☐ (b) adverb ☐
 (c) pronoun ☐ (d) adjective ☐
25. You have to believe in yourself to succeed.
 (a) adjective ☐ (b) pronoun ☐
 (c) verb ☐ (d) preposition ☐

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

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

Many sociologists have argued that there is functional relationship between education and economic system. They point to the fact that mass formal education began in industrial society. They note that the expansion of the economies of industrial societies is accompanied by a corresponding expansion of their educational systems. they explain this correspondance in terms of the needs of industry for skilled and trained manpower, needs which are met by the educational system. Thus, the provision of mass elementary education in Britain in 1870 can be seen as a response to the needs of industry for a literate and numerate workforce at a time when industrial processes were becoming more complex and the demand for technical skills was steadily growing.

- (1) The industry needs a literate work-force because
- A. its expansion needs sound learning ☐
 - B. it relies heavily on expertise ☐
 - C. it promotes a competitive spirit ☐
 - D. its operations need intricate technical knowledge ☐
- (2) The author argues that
- A. formal education can be traced to industrial society ☐
 - B. industrial society is responsible for expansion of education at mass level ☐
 - C. industrial society gave rise to vocational education ☐
 - D. industrial society changed the pattern of education ☐
- (3) The observation of the Sociologists are based on a study of
- A. the statistical data available in a historical context ☐
 - B. economic system of the 19th century ☐
 - C. the correlation between industry and education in a historical context ☐
 - D. growth of industry 19th century ☐
- (4) The Sociologists referred to it in the passage say that the relationship between industry and elementary education was one
- A. based on mutual need ☐
 - B. based entirely on the need of the industry ☐
 - C. based entirely on economic need ☐
 - D. based on some inexplicable historical forces ☐
- (5) By 'functional relationship' is meant
- A. a short-term relationship ☐
 - B. practical and utilitarian relationship ☐
 - C. temporary arrangement ☐
 - D. close and unbreakable relationship ☐

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

The strength of the electronics industry in Japan is the Japanese ability to organise production and marketing rather than their achievements in original research. The British are generally recognised as a far more inventive collection of individuals, but never seem able to exploit what they invent. There are many examples, from the TSR Z hovercraft, high speed train and Sinclair scooter to the Triumph, BSA and Norton Motorcycle which all prove this sad rule. The Japanese were able to exploits their strengths in marketing and development many years ago, and their success was at first either not understood in the West or was dismissed as something which could have been produced only at their low price. They were sold because they were cheap copies of other people's ideas churned out of a workhouse which was dedicated to hard grind above all else.

- (1) It is evident from the passage that the strength of a country's industry depends upon
- A. original research ☐
 - B. international cooperation ☐
 - C. dedicated workforce ☐
 - D. electronic development ☐
- (2) The sad rule mentioned in this passage refers to
- A. the inability of the Japanese to be inventive like the British ☐
 - B. the inability of the British to be industrious like the Japanese ☐
 - C. the lack of variety in Japanese inventions ☐
 - D. the poorer marketing ability of British ☐
- (3) The TSR Z hovercraft, high speed train, Sinclair scooter etc. are the symbols of
- A. Japanese success ☐
 - B. British failure ☐
 - C. British success ☐
 - D. Japanese failure ☐
- (4) According to the passage, prosperity in industry depends upon
- A. productivity ☐
 - B. inventiveness ☐
 - C. marketing ability ☐
 - D. official patronage ☐
- (5) The main theme of this passage is
- A. electronic industry in Japan ☐
 - B. industrial comparison between Japan and Britain ☐
 - C. the role of marketing efficiency in industrial prosperity ☐
 - D. the importance of original research in industry ☐

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PART-D
ESSAY WRITTING
(30 Marks)

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

- (a) Importance of Health and Sanitation in our daily life.
- (b) HIV/ AIDS : Our Enemy
- (c) Mechanical Revolution in Mizoram for the past 10 years.

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