MIZORAM UNIVERSITY

AIZAWL, MIZORAM – 796 004

MULTI-TASKING STAFF : DIRECT RECRUITMENT EXAMINATION

Full Marks: 150
Qualifying Marks: 60

Time allowed: 2 hours

PART-A: NUMERICAL APTITUDE/GENERAL INTELLIGENCE (50 MARKS)

All questions carry equal marks of 2 each
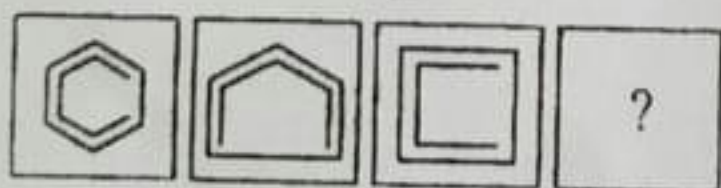*Attempt all the questions*

1. The sum of first five prime numbers is
    (a) 18   (b) 28   (c) 11   (d) 26

2. The lowest natural number is
    (a) 0   (b) 1   (c) 2   (d) 3

3. Which of the following numbers is greatest?
    (a) $\frac{11}{16}$ (b) $\frac{13}{18}$ (c) $\frac{13}{16}$ (d) $\frac{11}{17}$

4. $0.03 + 0.7 = ?$
    (a) 0.10   (b) 0.01   (c) 0.37   (d) 0.73

5. Solve $\frac{5}{2} + \frac{3}{2} = ?$
    (a) 1   (b) 2   (c) 3   (d) 4

6. Solve $4 - [6 - \{12 - (10 - (\overline{8 - 6}))\}]$
    (a) 1   (b) 4   (c) 2   (d) 6

7. Find the average of: 4, 6, 8, 10
    (a) 7   (b) 6.5   (c) 6   (d) 8

8. 4% of 50 = ?
    (a) 2   (b) 25   (c) 15   (d) 10

9. A student scores 60 marks in a test carrying 80 full marks. The score in percent is
    (a) 65%   (b) 70%   (c) 75%   (d) 80%

10. $\sqrt{22 + \sqrt{9}} = ?$
    (a) 60   (b) 5   (c) 25   (d) $\sqrt{31}$

11. $2^5 \times 4^3 = ?$
    (a) 8^8 (b) 8^{15} (c) 2^{15} (d) 2^{11}

12. Fourth proportional to 6, 9 and 20 is
    (a) 5   (b) 23   (c) 30   (d) 45

13. Rs 700 is divided between A and B in the ratio of 3 : 4. Find A's share
   (a) Rs 300 (b) Rs 350 (c) Rs 400 (d) Rs 450

14. Simple interest on Rs 50 at 10% per annum for 4 years is
   (a) Rs 15 (b) Rs 20 (c) Rs 40 (d) Rs 50

15. On selling an article for Rs 250, a shopkeeper gains Rs 50. His gain percent is
   (a) 16% (b) 20% (c) 25% (d) 33.25%

16. What will come at the place of question mark in the series: 4, 6, 9, 13, ?
   (a) 15 (b) 12 (c) 18 (d) 17

17. What will come at the place of question mark in the series: 4, 3, 12, 9, 2, 18, 3, ?, 21
   (a) 5 (b) 7 (c) 4 (d) 3

18. Circle : Circumference : : Square : _____
   (a) Diagonal (b) Volume (c) Perimeter (d) Area

19. Numismatist : _____ : : Philatelist : Stamps
   (a) Jewels (b) Maps (c) Toys (d) Coins

20. Pick out the odd one from the following:
   (a) Grape (b) Banana (c) Orange (d) Pomegranate

21. Pick out the odd one from the following:
   (a) Diving (b) Swimming (c) Driving (d) Sailing

22. If SPIDER is written as ROHCDQ in a certain code, then how would PEOPLE be written
   (a) REDIPS (b) ODNOKD (c) URKFGT (d) CHODQR

23. 'Marathon' is to 'Race' as 'Hibernation' is to-
   (a) Winter (b) Summer (c) Sleep (d) Bear

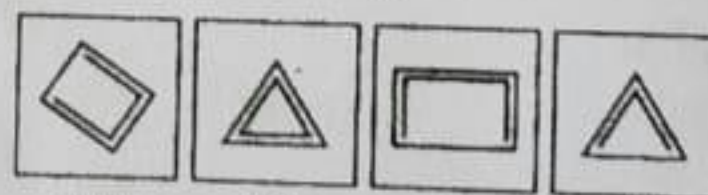24. Find the number of triangles in the given figure

   (a) 7 (b) 9 (c) 13 (d) 16

25. Which answer figure will complete the pattern in the problem figure?

   Problem figure   Answer figure

   (A) (B) (C) (D)

   (a) A (b) B (c) C (d) D

All questions carry equal marks of 2 each

Attempt all the questions

26. The Mizoram University Act, 2000 (No. 8 of 2000) was passed by the Parliament on
    (a) 25.04.2000   (b) 02.07.2001   (c) 04.06.2000

27. The current Vice Chancellor of Mizoram University
    (a) Prof. Dibakar Chandra Deka (b) Prof. A.N. Rai   (c) Prof. KRS Sambasiva Rao

28. The host city of the 15th BRICS summit held in August 2023
    (a) Beijing   (b) New Delhi   (c) Johannesburg

29. The Indian lunar exploration mission launched on 14 July, 2023
    (a) Mangalyaan-1   (b) Chandrayaan-2   (c) Chandrayaan-3

30. The chief guest on India's 74th Republic Day in 2023
    (a) Abdel Fattah el-Sisi   (b) Emmanuel Macron   (c) Droupadi Murmu

31. The literacy rate of India as per 2011 Census is
    (a) 73.01%   (b) 74.04%   (c) 75.32%

32. The winner of FIFA Women's World Cup 2023
    (a) Spain   (b) England   (c) USA

33. The number of Permanent Members in the United Nations
    (a) Four   (b) Five   (c) Six

34. The present Governor of the Reserve Bank of India
    (a) Raghuram Rajan   (b) Urjit Patel   (c) Shaktikanta Das

35. The Bharat New Car Assessment Programme (NCAP) will start from
    (a) October 1, 2023   (b) January 1, 2024   (c) April 1, 2024

36. Aizawl FC won the I-League in the season
    (a) 2015-2016   (b) 2016-2017   (c) 2017-2018

37. Mizoram shares international border with
    (a) One country   (b) Two countries   (c) Three countries

38. India's highest Civilian Award
    (a) Padma Vibhushan   (b) Padma Bhushan   (c) Bharat Ratna

39. The winner of Wimbledon 2023 men's singles
    (a) Novak Djokovic   (b) Carlos Alcaraz   (c) Alexander Zverev

40. The 'International Day against Drug Abuse and Illicit Trafficking' is observed on
   (a) June 26　　　　　　　　　　(b) July 1　　　　　　　　　　(c) August 10

41. The present Minister of Higher & Technical Education, Govt. Of Mizoram
   (a) Lalchhandama Ralte　　　(b) Lalruatkima　　　　　　(c) Dr R. Lalthangliana

42. Mizoram became Union Territory of India in the year
   (a) 1972　　　　　　　　　　　(b) 1975　　　　　　　　　　(c) 1978

43. 'Silver Revolution' is related to-
   (a) Fish　　　　　　　　　　　(b) Egg　　　　　　　　　　　(c) Milk

44. The State animal of Mizoram
   (a) Himalayan Serow　　　　(b) Bengal Tiger　　　　　　(c) Sangai

45. The present chairman of the Indian Space Research Organization
   (a) K. Kasturirangan　　　　(b) S. Somanath　　　　　　(c) K. Sivan

46. The tourist attraction 'Living Root Bridge' is in
   (a) Meghalaya　　　　　　　(b) Sikkim　　　　　　　　　(c) Assam

47. The alcohol content of an effective hand sanitizer for COVID-19 is at least
   (a) 20%　　　　　　　　　　　(b) 40%　　　　　　　　　　(c) 60%

48. COVID-19 is caused by the virus
   (a) SARS-CoV-2　　　　　　(b) SARS-CoV　　　　　　　(c) MERS-CoV

49. The new Parliament House was inaugurated by Prime Minister Narendra Modi on
   (a) May 28, 2023　　　　　　(b) June 18, 2023　　　　　(c) August 15, 2023

50. An opposition front recently announced to contest the 2024 Lok Sabha elections
   (a) UPA　　　　　　　　　　　(b) INDIA　　　　　　　　　　(c) United Front

Attempt all the questions

51. Choose the word 'opposite' in meaning to the given word: (6x1=6 marks)
(1) Beautiful : .... (wonderful / ugly / graceful)
(2) Plausible : .... (inplausible / unplausible / implausible)
(3) Invincible : .... (vulnerable / invisible / strength)
(4) Discover : .... (conceal / expose / reveal)
(5) Ambiguous : .... (responsible / clear / salvageable)
(6) Amicable : .... (hostile / friendly / pleasant)

52. Choose the word 'similar' in meaning to the given word: (6x1=6 marks)
(1) Counterfeit : .... (real / fake / unknown)
(2) Colossal : .... (enormous / energetic / vigorous)
(3) Substantial : .... (significant / tiny / delicate)
(4) Eternal : .... (temporary / ephemeral / forever)
(5) Pardon : .... (punish / forgive / revenge)
(6) Rectify : .... (erase / correct / destroy

53. Choose the correct one word substitution: (6x1=6 marks)
(1) List of issues to be discussed at a meeting : .... (plan / agenda / schedule)
(2) A person fluent in two languages : .... (bilingual / expert / versatile)
(3) Art of writing for newspapers : .... (artistry / literature / journalism)
(4) A person devoted to the welfare of others : .... (unselfish / altruist / egoist)
(5) A paper written by hand : .... (lexicon / manuscript / bibliograph)
(6) One who possesses many talents : .... (exceptional / gifted / versatile)

54. Choose the correct 'article' to complete the sentences: (6x1=6 marks)
(1) .... Pacific is the deepest of all the oceans (a / an / the)
(2) My daughter wants .... dog for her birthday (a / an / the)
(3) He is .... idiot (a / an / the)
(4) .... hour is equal to sixty minutes (a / an / the)
(5) I saw .... one-eyed man on the road (a / an / the)
(6) .... cow is a useful animal (a / an / the)

55. Choose the correct word to complete the sentences: (6x1=6 marks)
(1) I got these papers at the .... store (stationaree / stationery / stationary)
(2) She was talking about a popular .... on the internet (video / viddeo / vedio)
(3) Which is .... from here, Lunglei or Champhai? (farthar / farther / further)
(4) What is the correct .... of his name? (pronunciasion / pronounciation / pronunciation)
(5) English .... can be difficult to master (gramar / grammar / grammer)
(6) The footballer appealed to the .... for a free kick (referree / referee / refferee)

56. Fill in the blanks with the appropriate prepositions:

    (1) What are you thinking................? (of / with / for)

    (2) Who are you waiting................? (to / for / on)

    (3) Which town do you live................? (on / with / in)

    (4) Mizoram is famous................ its hills (for / on / with)

    (5) The African elephant is confined................ Central Africa (in / to / on)

57. Choose the correct word to complete the idiomatic comparisons: (5x2=10 marks)

    (1) As .... as lightning (loud / quick / short / light)

    (2) As .... as death (pale / black / sure / cruel)

    (3) As .... as dust (soft / small / dry / light)

    (4) As .... as nails (hard / sharp / strong / pointed)

    (5) As .... as a bird (quick / gentle / light / free)

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