

MIZORAM PUBLIC SERVICE COMMISSION

COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF GRADE-V OF MIZORAM FOOD, CIVIL SUPPLIES & CONSUMER AFFAIRS SERVICE (i.e. INSPECTOR) UNDER MIZORAM FOOD, CIVIL SUPPLIES & CONSUMER AFFAIRS DEPARTMENT, GOVERNMENT OF MIZORAM, MARCH, 2019

GENERAL STUDIES PAPER - III

Time Allowed : 2 hours

Full Marks : 200

All questions carry equal marks of 2 each.

Attempt all questions.

- Who is popularly known as 'Missile Man of India'?
 - Dr C.V. Raman
 - Dr S. Chandrasekhar
 - Dr Hargobind Khurana
 - Dr A.P.J. Abdul Kalam
- Which among the following was the first satellite launched by Indian Space Research Organisation?
 - Aryabhata
 - Bhaskar
 - Rohini
 - INSAT I-A
- Which of the following is the first missile which has been developed in India?
 - Trishul
 - Agni
 - Akash
 - Prithvi
- The first astronaut to walk in outer space is
 - Neil Armstrong
 - Dave Scott
 - Yuri Gagarin
 - Aleksel Leonov
- What is supernova?
 - A comet
 - An asteroid
 - A dying star
 - A Black hole
- What is the name given to India's lunar mission?
 - Kalpana-II
 - Vikram-I
 - Chandrayan-I
 - Insat-5
- What was the first artificial Earth Satellite.
 - Sputnik 1
 - GSAT-12
 - RISAT-1
 - Rohini
- Which country assisted India to establish the Koodan-Kulam Nuclear Power Station in Tamil Nadu?
 - Russia
 - France
 - Germany
 - Canada
- Indira Gandhi Centre for Atomic Research is situated in
 - Mumbai
 - Sriharikota
 - Kalpakkam
 - Triruvananthapuram

10. The first explosion of an atomic device in India was carried out in the State of
(a) Rajasthan (b) Nagaland
(c) Manipur (d) Jammu and Kashmir
11. Who is known as the father of Indian space program
(a) CV Raman (b) Vikrama Sarabhai
(c) APJ Kalam (d) Satish Dhawan
12. Radar is used to
(a) Locate submerged submarines (b) Receive signal from radio receivers
(c) Detect and locate distant objects (d) Locate geostationary satellites
13. India's first supercomputer is known as
(a) SAGA (b) PARAM 8000
(c) EKA (d) PARAMYUVA
14. One of the NASA's most advanced X-ray Observatory is named after an Indian Scientist
(a) Dr C.V. Raman (b) Dr S. Chandrasekhar
(c) Dr Hargobind Khurana (d) Dr A.P.J. Abdul Kalam
15. Who is the Chief Executive Officer of Google
(a) Bill Gates (b) Amar G. Bose
(c) Sundar Pichai (d) M.Ambani
16. Who invented zero
(a) Romans (b) Greeks
(c) Persians (d) Indians
17. First Hydro Electric power plant in India is at
(a) Shimsha (b) Karnataka
(c) Darjeeling (d) Satluj
18. The Cloud Computing is based on:
1. Software as a service mode.
2. Common objective of all the users.
3. Users should pay scheme.
Which of the statements given above is/are correct?
(a) 1 and 2 (b) 2 and 3
(c) 1 and 3 (d) None
19. _____ is the most important/powerful system in a typical network.
(a) Network Client (b) Network Server
(c) Network Switch (d) Network Station
20. The code name of the first vehicle driven by man on the moon's surface was
(a) Luna 22 (b) Rover
(c) Eagle (d) Challenge
21. The inactivated polio vaccine was discovered by which scientist?
(a) Robert Koch (b) Jonas Salk
(c) Maurice Hilleman (d) Emma Goodman

22. Who invented the hydrogen bomb?
(a) Albert Einstein (b) Samuel Cohen
(c) Edward Taylor (d) J. Robert Oppenheimer
23. Meteorology is the science of _____.
(a) earthquakes (b) metals
(c) meteors (d) weather
24. Who invented optical Fibre?
(a) Samuel Cohen (b) Narinder Kapany
(c) Percy L. Spencer (d) T.H. Maimah
25. Who is the father of Cellular Phone?
(a) Linus Torvalds (b) Fred Morrison
(c) Martin Cooper (d) Percy Lebaron Spencer
26. The Tesla and the Gauss are units of measure of:
(a) conductance (b) magnetic field strength
(c) magnetic flux (d) electrical current
27. A color with a wavelength longer than that of yellow is:
(a) red (b) blue
(c) violet (d) green
28. Which one of the following particles travels at the speed of light?
(a) neutrons (b) electrons
(c) photons (d) muons
29. Why hard water does not give lather with soap?
(a) pH of Hard water is High.
(b) pH of Hard water is less.
(c) Hard water contains sulphate and chloride ions which form precipitate with soap.
(d) Hard water contains calcium and magnesium ions which form precipitate with soap.
30. The quality of diesel oil for use in diesel engines is determined by the
(a) Composition of the oil (b) Octane Number
(c) Cetane Number (d) Amount of additives added
31. Which one among the following polymers is used for making bullet –proof materials
(a) Polyvinyl chloride (b) Polyethylene
(c) Polystyrene (d) Polyamide
32. The pungent smell of garlic is due to
(a) a nitrate compound (b) a sulphur compound
(c) a phosphate compound (d) a chlorine compound
33. Which one among the following nontoxic gases helps in formations of enzymes which ripen fruits?
(a) Acetylene (b) Ethane
(c) Methane (d) Carbon dioxide

34. Which one among the following statements about blood transfusion is correct?
- (a) Blood group B and receive from AB
 - (b) Blood group B and AB and receive from B
 - (c) Blood group B and AB and receive from A
 - (d) Blood group O and receive from B
35. A/An _____ is a physician who specializes in physical medicine and rehabilitation with the focus on restoring function.
- (a) exercise physiologist
 - (b) orthopedist
 - (c) physiatrist
 - (d) rheumatologist
36. An abnormal fear of being in narrow or enclosed spaces is known as _____.
- (a) claustrophobia
 - (b) acrophobia
 - (c) agoraphobia
 - (d) arachnophobia
37. A banana plant fits into which of these groups?
- (a) grasses
 - (b) trees
 - (c) herbs
 - (d) flowers
38. The main aim of watershed management strategy of India is
- (a) promoting silviculture
 - (b) hill slope management
 - (c) arid land management
 - (d) soil conservation
39. A person who can choose the paddy fields first among the Mizo community is
- (a) Zalen
 - (b) Thangchhuahpa
 - (c) Puithiam
 - (d) Ramhual
40. Which one is not a Mizo musical instrument
- (a) Tumphit
 - (b) Lemlawi
 - (c) Sekhuang
 - (d) Bengbung
41. A dance performed during *Chapchar Kut* is
- (a) Chai
 - (b) Cheraw
 - (c) Chheih
 - (d) Chawnglaizawn
42. *Selesih* was established during
- (a) 1740 - 1750 AD
 - (b) 1730 - 1740 AD
 - (c) 1760 - 1770 AD
 - (d) 1780 - 1790 AD
43. The second Mizo political party *United Mizo Freedom Organisation (UMFO)* was established on
- (a) 1956
 - (b) 1962
 - (c) 1947
 - (d) 1936
44. 'The Lushai Expedition' conducted Lushai Hills on
- (a) 1881-1882
 - (b) 1888-1889
 - (c) 1870-1872
 - (d) 1871-1872
45. The Mizo name given to the month of December is
- (a) Pawltlak thla
 - (b) Khuangchawi thla
 - (c) Vau thla
 - (d) Sahmulphah thla

46. is one of the Mizo children games
(a) Ngawidawh (b) Sakuh uilut
(c) Tlamem (d) Fawng
47. The first Christian Hymn Book (Kristian Hlabu) was published in the year
(a) 1894 (b) 1895
(c) 1896 (d) 1899
48. Who wrote *A Grammar of Lushai Language* in 1884
(a) C.A. Soppit (b) Brojo Nath Saha
(c) T.H.Lewin (d) A.O.Chamber
49. The remarkable contribution made by N.E Parry was
(a) Compilation of Lushai Customary laws (b) Establishment of Durtlang Hospital
(c) Abolition of slavery (d) Education of Children
50. A queen of fairy, who is regarded as the guardian and maker of wild animals
(a) Sanu (b) Khuanu
(c) Chawngtinleri (d) Khuazingnu
51. *Zawlbuk* was officially ended on
(a) 1 January 1938 (b) 1 January 1939
(c) 2 January 1938 (d) 3 January 1939
52. *Bawhbel* in Mizo traditional society relates with
(a) Thlam (b) Zawlbuk
(c) Pum (d) Lal in
53. *Lamsial puk* is located at
(a) Khawbung (b) Vaphai
(c) Farkawn (d) Samthang
54. Mizo Hills was declared a 'Backward Tract' under the Government of India Act of
(a) 1919 (b) 1920
(c) 1918 (d) 1921
55. Bengkhuaia raids Sylhet in the year
(a) 1872 (b) 1871
(c) 1873 (d) 1874
56. A small house besides the Zawhzawzopa's residence is known as
(a) Dawvan (b) Bahzar
(c) Zaudawh (d) Vanlung
57. A person who became bawi (slave) for the sake of poverty is
(a) Chemsen bawi (b) Tukluh bawi
(c) Vanlung ur (d) Inpuichhung bawi
58. The old Mizo traditional song *Chawngchen zai* was originated by the time our forefathers lived in
(a) Kabaw Valley (b) Between Run and Tiau
(c) Thantlang (d) Chenduin Valley

59. The first man who introduced Mizo literature in written form was.
(a) J. Shakespeare (b) H.R. Browne
(c) T.H. Lewin (d) N.E. Parry
60. The historical place of the Mizos *Lianchhiari Lunglen Tlang* is situated at the out-skirt of
(a) Dungtlang (b) Ruallung
(c) S.Hlimen (d) Farkawn
61. The Mizo Chief who first liberated his slaves was
(a) Suakpuilala (b) Rothangpuia
(c) Khawvelthanga (d) Vanhnuaithanga
62. The first Missionary who set his foot on the soil of Mizoram was
(a) Rev. J.H. Lorrain (b) Rev. William Williams
(c) Rev D.E. Jones (d) Rev F.J. Raper
63. The first President of Indian National Congress (INC) in Mizoram was
(a) Hrangchhuana (b) R. Vanlawma
(c) R. Thanhkira (d) A. Thanglura
64. The first Chief Minister of Mizoram Union Territory was
(a) Ch. Chhunga (b) Brig. T. Sailo
(c) Lalthanhawla (d) Laldenga
65. The first Mizo to represent India in the Olympic Games was
(a) Kawllianthanga (b) C. Lalremsanga
(c) Zothangliana (d) Zomuantluanga
66. The first Mizo awarded Padma Bhusan was
(a) James Dokhuma (b) Capt. L.Z. Sailo
(c) C. Rokhuma (d) Lalthangfala Sailo
67. Choose the literal meaning of the Mizo phrase *Vawkreka fate ang* from the following
(a) Rual pawl, mi fel leh bengvar (b) Inti bengvar, inti fel
(c) Inthlau, inlahlei zung (d) Lak tlak loh, nikhua lo
68. Laltheri, a Sailo girl was the daughter of one of the most powerful chiefs named
(a) Lalbuta (b) Lalhrima
(c) Lasavunga (d) Lalhuapa
69. The festival performed by the Mizos in the early days usually for children at the end of harvest was
(a) Pawl Kut (b) Mim Kut
(c) Chapchar Kut (d) Favang Kut
70. The name of powerful Chief who ruled at Tualte Vanglai (1700 houses) was
(a) Thawmvung (b) Lalphunga
(c) Vanhnuaiana (d) Suakpuilala
71. The first famine occurred due to *Thingtam* in Mizoram in the year
(a) 1861 (b) 1880
(c) 1896 (d) 1897

72. The first editor of *Kristian Tlangau* published in the year 1911 was
(a) R. Dala (b) Makthanga
(c) Rosema (d) Darchhinga
73. The most important functionary for the marriage ceremony in the Mizo Society is
(a) Palai (b) Zawlpuan phah
(c) Lawichal (d) Palal
74. The name of the State Flower of Mizoram is
(a) Senhri (b) Ainawn
(c) Chhawkhleii (d) Chawnpui
75. The author of the first Mizo Short Story *Chhingpuii* was
(a) Lalbiakliana (b) Lalzuithanga
(c) Lalhuapa (d) Kaphleia

Direction (Questions 76 & 77): Look at the following series of numbers and choose the number that should come next from the four alternatives.

76. 2, 1, $(1/2)$, $(1/4)$, ...
(a) $(1/3)$ (b) $(1/16)$
(c) $(2/8)$ (d) $(1/8)$
77. 3, 4, 7, 8, 11, 12, ...
(a) 15 (b) 14
(c) 10 (d) 7

Direction (Questions 78 & 79): Find the missing number.

78. 3, 6, 18, 72,
(a) 144 (b) 216
(c) 288 (d) 360
79. 1, 2, 3, 5, 8,
(a) 9 (b) 11
(c) 13 (d) 15

Direction (Questions 80 & 81): Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

80. 120, 99, 80, 63, 48, ?
(a) 35 (b) 38
(c) 39 (d) 40
81. 5, 20, 45, 80, ?
(a) 110 (b) 115
(c) 120 (d) 125
82. Find the odd one out
(a) 11 (b) 13
(c) 15 (d) 17

83. Find the odd one out

- (a) 144
- (b) 168
- (c) 196
- (d) 256

Direction (Questions 84 & 85): Three of the words will be in the same classification, one will not be. Choose the word that does NOT belong in the same classification.

84. Choose the word that does NOT belong in the same classification.

- (a) parsley
- (b) basil
- (c) dill
- (d) mayonnaise

85. Which word does NOT belong with the others?

- (a) punctuation
- (b) preposition
- (c) noun
- (d) adverb

Direction (Questions 86 & 87): Choose the word that best fits the meaning of the sentence as a whole

86. We ask for _____ from others, yet we ourselves are never merciful

- (a) clemency
- (b) culpability
- (c) sincerity
- (d) consideration

87. To prevent a repetition of this dreadful occurrence, we must discover the _____ element in the food that was served.

- (a) benign
- (b) tawdry
- (c) toxic
- (d) heinous

Direction (Question 88): Read the paragraph carefully and choose the best statement reflected in the paragraph.

88. Satisfaction with co-workers, promotion opportunities, the nature of work, and pay goes with high performance among those with strong growth needs. Among those with weak growth needs, no such relationship is present - and, in fact, satisfaction with promotion opportunities goes with low performance.

This passage best supports the statement that:

- (a) relationship between job satisfaction and performance is moderated by growth need.
- (b) job satisfaction and performance are directly and closely related.
- (c) satisfaction is an inevitable organisational variable.
- (d) every organisation has few employees having weak growth need.

Direction (Questions 89 & 90): Choose the word which is most nearly similar in meaning to the word printed in capital letters.

89. PANACEA

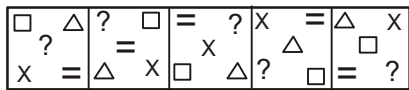
- (a) idea
- (b) praise
- (c) cure-all
- (d) talk

90. EFFIGY

- (a) proxy
- (b) dummy
- (c) profane
- (d) trickery

Direction (Questions 91 & 92): Each of the following questions consists of five figures marked A, B, C, D and E called the Problem Figures followed by four other figures marked 1, 2, 3, and 4 called the Answer Figures. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

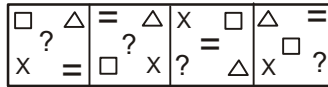
91. Problem Figures:



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

- (a) 1
- (c) 3

Answer Figures



(1) (2) (3) (4)

- (b) 2
- (d) 4

92. Problem Figures:



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

- (a) 1
- (c) 3

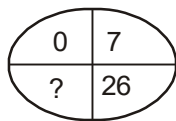
Answer Figures



(1) (2) (3) (4)

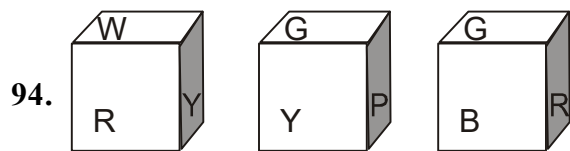
- (b) 2
- (d) 4

93. Find the missing character



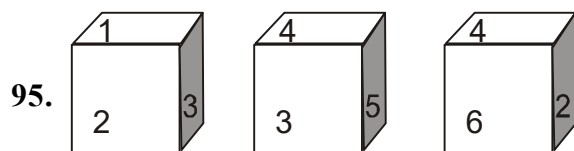
- (a) 45
- (b) 50
- (c) 60
- (d) 63

Direction (Questions 94 & 95) : Answer the following based on the different cubes shown below:



Which letter is on the opposite face of letter Y?

- (a) W
- (b) G
- (c) B
- (d) P



Which letter is on the opposite face of letter 3?

- (a) 1
- (b) 4
- (c) 6
- (d) 5

Direction (Questions 96 & 97) : In the questions given below are two statements followed by two conclusions numbered I and II. Decide which of the given conclusions logically follows from the given two statements, disregarding commonly known facts:

96. Statements I. Some scooters are trucks

II. All trucks are trains

Conclusions

I. Some scooters are trains

II. No truck is a scooter

Give answer as

(a) If only conclusion I follows

(b) If only conclusion II follows

(c) If neither I nor II follows

(d) If both I and II follows

97. Statements

I. All tigers are ships

II. Some ships are cupboards

Conclusions

I. Some ships are tigers

II. Some cupboards are not ships

Give answer as

(a) If only conclusion I follows

(b) If only conclusion II follows

(c) If neither I nor II follows

(d) If both I and II follows

98. A number of friends decided to go on a picnic and planned to spend Rs. 96 on eatables. Four of them, however, did not turn up. As a consequence, the remaining ones had to contribute Rs. 4 each extra. How many attended the picnic?

(a) 8

(b) 12

(c) 16

(d) 24

99. Mawia was born two years after his father's marriage. His mother is five years younger than his father but 20 years older than Ayush who is 10 years old. At what age did the father get married?

(a) 20 years

(b) 23 years

(c) 25 years

(d) 30 years

100. There are 8 houses in a line and in each house only one boy lives with the conditions as given below:

1. Kima is not the neighbor of Tluanga.
2. Siama is just next to the left of Muana.
3. There is at least one to the left of Muana.
4. Mawia lives in one of the two houses in the middle.
5. Liana lives in between Mawia and Muana.

If at least one lives to the right of Thanga and Siama is not between Rema and Muana, then which one of the following statement is not correct?

(a) Thanga is not at the left end.

(b) Thanga is in between Tluanga and Rema.

(c) Rema is in between Mawia and Kima.

(d) There are three persons to the right of Mawia.