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MES

Previous Year Paper
General Studies
Jan 2015



MIZORAM PUBLIC SERVICE COMMISSION

TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO JUNIOR GRADE OF MIZORAM ENGINEERING SERVICE (CIVIL) CONTRACT UNDER DISASTER MANAGEMENT & REHABILITATION DEPARTMENT, JANUARY 2015.

GENERAL STUDIES

Time Allowed : 2 hours

Full Marks : 100

All questions carry equal marks of 1 each.

Attempt all questions.

1. The key assurances of the Prime Minister - Narendra Modi and his promises to keep are:

1. Provide bank accounts for the poor
2. Clean India and make India open defecation free
3. Digital India and make in India
4. More Government and less Governance

Which of the above statements is /are correct using the codes given below?

- (a) 1 and 2 (b) 1, 2 and 3
(c) 1, 2, 3 and 4 (d) 4 only
2. With the establishment of Telangana State, India Union now comprise of ___ states.
(a) 28 (b) 29
(c) 30 (d) 31
3. The name of National flag of India is
(a) Swaraj (b) Chakra
(c) Tiranga (d) Saffron-White-Green
4. ISIS is a Muslim militant group fighting for Islamic State in
(a) Iran and Saudi Arabia (b) Indonesia and Sudan
(c) Israel and Somolia (d) Iraq and Syria
5. In India, the problem of soil erosion is associated with which of the following?
1. Terrace cultivation
2. Deforestation
3. Tropical Climate
- Select the correct answer using the code given below.
(a) 1 and 2 only (b) 2 only
(c) 1 and 3 only (d) 1,2 and 3
6. In 2011 census, Mizoram has population of
(a) 10,91,014 (b) 10,19,014
(c) 10,88,014 (d) 10,88,573

7. Which of the following is the chief characteristic of mixed farming?
- (a) Cultivation of both cash crops and food crops
 - (b) Cultivation of two or more crops in the same field
 - (c) Rearing of animals and cultivation of crops together
 - (d) None of these
8. Acid rain is caused by the pollution of environment by
- (a) Carbon dioxide and nitrogen
 - (b) Carbon monoxide and carbon dioxide
 - (c) Ozone and carbon dioxide
 - (d) Nitrogen oxide and sulphur dioxide
9. Quit India Movement was launched in response to
- (a) Cabinet Mission Plan
 - (b) Cripps Proposals
 - (c) Simon Commission Report
 - (d) Wavell Plan
10. According to the Constitution of India, which of the following is/are fundamental for governance of the country?
- (a) Fundamental Rights
 - (b) Fundamental Duties
 - (c) Directive Principles of State Policy
 - (d) Fundamental Rights and Fundamental Duties
11. Variations in the length of daytime and nighttimes from season to season is due to
- (a) The earth's rotation on its axis
 - (b) The earth's revolution round the sun in elliptical manner
 - (c) Latitudinal position of the place
 - (d) Revolution of the earth on a tilted axis
12. In the grasslands, trees do not replace the grasses as a part of an ecological succession because of
- (a) Insects and fungi
 - (b) Limited sunlight and paucity of nutrients
 - (c) Water limits and fire
 - (d) None of these
13. Contour bunding is a method of soil conservation used in
- (a) Deserts margins, liable to strong wind action
 - (b) Low flat plains, close to stream courses, liable to flooding
 - (c) Scrublands, liable to spread of weed growth
 - (d) None of these
14. Which among the following is categorised as All India Service?
- (a) Indian Audit and Accounts Service
 - (b) Indian Railway Service
 - (c) Indian Forest Service
 - (d) Indian Economic Service
15. To obtain full benefits of demographic dividend, what should India do?
- (a) Promoting skill development
 - (b) Introducing more social security schemes
 - (c) Reducing infant mortality rate
 - (d) Privatisation of Higher education
16. Supply of money remaining the same, when there is an increase in demand for money, there will be
- (a) A fall in the level of prices
 - (b) An increase in the rate of interest
 - (c) A decrease in the rate of interest
 - (d) An increase in the level of income and employment

17. Ball bearings are used in bicycles, cars, etc., because
- The actual area of contact between the wheel and axle is increased
 - The effective area of contact between the wheel and axle is increased
 - The effective area of contact between the wheel and axle is reduced
 - None of the above statements is correct
18. Many transplanted seedlings do not grow because
- The new soil does not contain favorable minerals
 - Most of the root hairs grip the new soil too hard
 - Most of the root hairs are lost during transplantation
 - Leaves got damaged during transplantation
19. Which of the following leaf modifications occurs/occur in desert areas to inhibit water loss?
- 1) Hard and waxy leaves
 - 2) Tiny leaves and no leaves
 - 3) Thorns instead of leaves
- Select the correct answer using the codes given below
- 1) and 2) only
 - 2) only
 - 1) and 3) only
 - 1), 2) and 3)
20. The Nobel Peace Prize 2014 is won by
- Malala Yousafzai and school friend
 - Imran Khan and Malala Yousafzai
 - Malala Yousafzai and Mother Teresa
 - Kailash Satyarthi and Malala Yousafzai
21. Viswanathan Anand is an Indian, a great player and multiple world champion in
- Billiards
 - Chess
 - Squash
 - Tennis
22. Irom Sharmila, the Iron Lady of Manipur completes 14 years of fast demanding
- Re-demarcation of Manipur boundary with neighbouring states
 - Elimination of all rebel groups and insurgents
 - Removal of AFSPA from her state
 - Opposing demand of greater Nagaland
23. Which of the following States has the broadest continental shelf in India?
- Andhra Pradesh
 - Gujarat
 - Rajasthan
 - Madhya Pradesh
24. The climate of India is mainly tropical because of the
- Seasonal influence of jet streams
 - Location of Himalayas in its north
 - Over-powering influence of Indian Ocean
 - Country being a part of Asian land-mass
25. Which of the following is correctly matched?
- Arunachal Pradesh Neiphiu Rio
 - Assam Nabam Tuki
 - Tripura Manik Sarkar
 - Nagaland Ibobi Singh

26. As per 2011 census, Mizoram stands third in literacy behind
- (a) Kerala, Lakshadweep (b) Kerala, Delhi
(c) Tripura, Kerala (d) Delhi, Tripura
27. The place with the highest amount of annual rainfall in India is located in the State of
- (a) Assam (b) Kerala
(c) Meghalaya (d) Tamil Nadu
28. Which of the following countries does not have a border with China?
- (a) Afghanistan (b) Kazakhstan
(c) Myanmar (d) Thailand
29. Civilian Awards in the order of priority is
- (a) Padma Shri, Padma Vibhushan, Padma Bhushan
(b) Bharat Ratna, Padma Bhushan, Padma Vibhushan
(c) Padma Shri, Bharat Ratna, Padma Vibhushan
(d) Bharat Ratna, Padma Vibhushan, Padma Bhushan
30. Date of formation of Mizoram State is
- (a) 11th January (b) 15th June
(c) 30th June (d) 20th February
31. The increasing amount of carbon dioxide in the air is slowly raising the temperature of the atmosphere, because it absorbs
- (a) The water vapour of the air and retains its heat
(b) The ultraviolet part of the solar radiation
(c) All the solar radiations
(d) The infrared part of the solar radiation
32. Which of the following statements is correct?
- (a) In India, the same person cannot be appointed as Governor for two or more States at the same time
(b) The judges of the High Court of the states in India are appointed by the Governor of the State just as the judges of the Supreme Court are appointed by the President
(c) No procedure has been laid down in the Constitution of India for the removal of a Governor from his/her post
(d) In the case of a Union Territory having legislative setup, the Chief Minister is appointed by the Lt. Governor on the basis of majority support
33. The Prime Minister of India, at the time of his/her appointment
- (a) Need not necessarily be a member of one of the Houses of the Parliament but must become a member of one of the Houses within six months
(b) Need not necessarily be a member of one of the Houses of the Parliament but become a member of the Lok Sabha within six months
(c) Must be a member of one of the Houses of the Parliament
(d) Must be a member of the Lok Sabha

34. Examine the following statements:

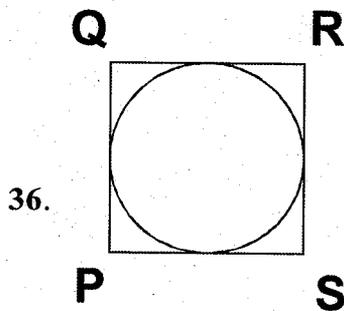
- 1) Rama scored more than Rani.
- 2) Rani scored less than Ratna.
- 3) Ratna scored more than Rama.
- 4) Padma scored more than Rama but less than Ratna

Who scored the highest?

- | | |
|----------|-----------|
| (a) Rama | (b) Padma |
| (c) Rami | (d) Ratna |

35. A person stood alone in a desert on a dark night and wanted to reach his village which was situated 5 km east of the point where he was standing. He had no instruments to find the direction but he located a polestar. The most convenient way now to reach his village is to walk in the

- | | |
|--|---|
| (a) direction facing the polestar | (b) direction opposite to the polestar |
| (c) direction keeping the polestar to his left | (d) direction keeping the polestar to his right |



In the figure above, the circle inscribed in PQRS has radius 3. What is the perimeter of the square?

- | | |
|--------|--------|
| (a) 9 | (b) 24 |
| (c) 36 | (d) 54 |

37. In what colour an 'L' is to be written and displayed in vehicles driven by the learners?

- | | |
|-----------------------------|-------------------------------|
| (a) Red in White background | (b) Black in White background |
| (c) Black in Red Background | (d) White in Black Background |

38. What does the term 'black money' mean?

- (a) Counterfeit Currency
- (b) Money earned through cheating the customer
- (c) Illegally earned money
- (d) Income on which income tax is evaded

39. In which year was the term 'world wide web'(www) introduced?

- | | |
|----------|----------|
| (a) 1988 | (b) 1990 |
| (c) 1989 | (d) 1987 |

40. Name the first country to adopt Christianity as its religion

- | | |
|-------------|-------------|
| (a) Armenia | (b) UK |
| (c) Italy | (d) Germany |

41. Which newspaper in the world has the largest circulation?

- | | |
|------------------------|------------------------|
| (a) The Times of India | (b) The New York Times |
| (c) Youmri Shimbun | (d) The Hindu |

42. Which Shakespearean character's last words were 'thus with a kiss I die'?
- (a) Othello (b) Hamlet
(c) Romeo (d) Titus Andronicus
43. During a cricket match, an umpire waves both arms across each other in front of his stomach. What is he trying to say?
- (a) Signalling it's lunchtime (b) Signalling a dead ball
(c) Signalling a no ball (d) Signalling to change his decision
44. Which of the following Grand Slam Events is held in the month of January every year?
- (a) Australian Open (b) US Open
(c) Wimbledon (d) French Open
45. What colour is found at the center of the target in an archery competition?
- (a) Black (b) White
(c) Blue (d) Gold
46. What is the motto of Asian Games Federation?
- (a) Ever Onward (b) Universal Friendship
(c) High, Higher, Highest (d) Universal Brotherhood
47. Which country has the most number of universities?
- (a) USA (b) Russia
(c) India (d) China
48. The atomic number of an element represents
- (a) No. of neutrons in the nucleus (b) No. protons in the nucleus
(c) Valency of an element (d) Atomic mass of an element
49. The chief constituent of the natural gas is
- (a) Ethane (b) Propane
(c) Methane (d) Butane
50. Plaster of Paris is made from
- (a) Calcium Chloride (b) Sodium Carbonate
(c) Gypsum (d) Calcium Trisilicate
51. Which Indian city did Vasco da Gama first visit?
- (a) Bombay (now Mumbai) (b) Calcutta (now Kolkata)
(c) Calicut (now Kozhikode) (d) Madras (now Chennai)
52. Name the Prime Minister of UK who granted independence to India, Pakistan, Ceylon and Burma in the year 1947
- (a) Clement R Attlee (b) Winston Churchill
(c) Anthony Eden (d) Harold Macmillan
53. In which year did India become a member of the United Nations Organisation?
- (a) 1945 (b) 1947
(c) 1946 (d) 1948

54. Which treaty did India refuse to sign in the year 1996?
- (a) NPT (b) SALT
(c) CTBT (d) FMCT
55. Secularism means
- (a) supression of all religions
(b) separation of religion from state
(c) freedom of worship to minorities
(d) a political system that does not favour any particular religious faith
56. What is the official name of India?
- (a) Hindustan (b) Bharatvarsha
(c) Bharat (d) Mother India
57. The earth is at its maximum distance from the sun on
- (a) July 4 (b) January 30
(c) December 22 (d) September 22
58. Where do most weather phenomena take place?
- (a) Ionosphere (b) Stratosphere
(c) Troposphere (d) Exosphere
59. Which of the following is responsible for the changes in weather (seasons) on the earth's atmosphere?
- (a) Rotation of the earth (b) Tilting of the earth
(c) Revolution of the earth (d) Solar & Lunar eclipses
60. Gas leaked in the Bhopal Gas Tragedy was
- (a) Sodium Isothiocyanate (b) Methyl Isocyanate
(c) Ethyl Isocyanate (d) None of these
61. Name the oldest inhabited capital city in the world
- (a) Athens - Greece (b) Cairo - Egypt
(c) Skopje - Macedonia (d) Damascus - Syria
62. In which year was the first Laptop Computer introduced?
- (a) 1979 (b) 1981
(c) 1980 (d) 1982
63. _____ is the special mark on a precious metal to show their purity
- (a) Trademark (b) Hallmark
(c) Brandmark (d) Agmark
64. Population explosion in developing countries is due to
- (a) high birth rate & low death rate (b) high fertility
(c) high birth rate & high death rate (d) low fertility
65. Which of the following Anti Corruption institutions is common for all states?
- (a) Anti Corruption Bureau (b) Central Vigilance Commission
(c) Lok Ayukta (d) CBI

66. When water is heated from 0 degree C to 10 degree C, its volume
(a) increases (b) first increases then decreases
(c) decreases (d) first decreases then increases
67. The twinkling of stars is due to
(a) refraction (b) scattering
(c) reflection (d) polarization
68. The purest form of water is
(a) of Ocean (b) of Rain
(c) of River (d) of Well
69. Deficiency of which vitamin effects blood clotting?
(a) Vitamin A (b) Vitamin D
(c) Vitamin K (d) Vitamin B
70. The largest desert in the world is
(a) Kalahari (b) Thar
(c) Sahara (d) Atacama
71. When did the British open civil services for Indians?
(a) 1850 AD (b) 1851 AD
(c) 1852 AD (d) 1853 AD
72. A joint sitting of both houses of Parliament is presided over by the
(a) President (b) Vice President
(c) Prime Minister (d) Speaker
73. Formation of droplets of water and mercury are formed by
(a) Pascal's Law (b) Surface Tension
(c) Archimedes Principle (d) None of these
74. Which of the following is called laughing gas?
(a) Nitric Oxide (b) Hydrogen Oxide
(c) Nitrous Oxide (d) Ammonium Nitrate
75. The oldest mountain in India is
(a) Satpura (b) Nilgiri
(c) Vindhyachal (d) Aravalli
76. Which of the following is not a fundamental right?
(a) Right against Exploitation (b) Right to Freedom of Religion
(c) Right to Property (d) Right to Freedom
77. The judges of the Supreme Court hold office until the age of
(a) 65 years (b) 60 years
(c) 62 years (d) 58 years
78. Granite and gabbro are examples of which of the following rock?
(a) Sedimentary Rock (b) Metamorphic Rock
(c) Igneous Rock (d) None of these

79. Which physical shape is surrounded by water on three sides?
(a) Bay (b) Peninsula
(c) Isthmus (d) Strait
80. White coal is
(a) Uranium (b) Hydroelectricity
(c) Diamond (d) Aluminium
81. The Union Cabinet is responsible to
(a) Lok Sabha and Rajya Sabha (b) Lok Sabha only
(c) President of India (d) Rajya Sabha only
82. 'Playing it my Way' is the autobiography of
(a) Narendra Modi (b) Sachin Tendulkar
(c) Rahul Gandhi (d) K Natwar Singh
83. The present chief of CBI is
(a) Anil Kumar Sinha (b) Rajat Gupta
(c) Ranjit Sinha (d) None of these
84. The Defence Minister of India is
(a) Manohar Paikar (b) Arun Jaitley
(c) Gen. VK Singh (d) Manohar Parrikar
85. The recently launched campaign to clean India is known as
(a) Mera Bharat Mahaan (b) PMJDY
(c) Swachh Bharat Abhiyan (d) Mann ki Baat
86. The wave generated by an undersea earthquake or volcanic eruption is called
(a) cyclone (b) torpedo
(c) tsunami (d) tornado
87. FDI stands for
(a) Fixed Deposit Interest (b) Food & Drug Inspector
(c) Foreign Direct Investment (d) Future Derivative Investment
88. Nathu La Pass connects China and which Indian state?
(a) Arunachal Pradesh (b) Sikkim
(c) West Bengal (d) Bihar
89. Who was the first Secretary General of the United Nations Organisation?
(a) Trygve Lie (Norway) (b) U Thant (Burma)
(c) Dag Hammarskjold (Sweden) (d) Boutros Boutros Ghali (Egypt)
90. Red Blood Cells are produced in
(a) Liver (b) Bone Marrow
(c) Plasma (d) Brain

91. Consider the following rivers

- (1) Barak
- (2) Lohit
- (3) Subansiri

Which of the above flows/flow through Arunachal Pradesh?

- (a) (1) only
- (b) (2) and (3) only
- (c) (1) and (3) only
- (d) (1), (2) and (3)

92. Consider the following statements:

- 1) Union Territories are not represented in the Rajya Sabha.
- 2) It is within the purview of the Chief Election Commissioner to adjudicate the election disputes.
- 3) According to the Constitution of India, the Parliament consists of the Lok Sabha and the Rajya Sabha only.

Which of the statements given above is/are correct?

- (a) 1) only
- (b) 2) and 3)
- (c) 1) and 3)
- (d) None of these

93. Consider the following pairs:

1. Corbett National Park : Ganga
2. Kaziranga National Park : Manas
3. Silent Valley National Park : Kaveri

Which of the above pairs is/are correctly matched?

- (a) 1 and 2
- (b) 3 only
- (c) 1 and 3
- (d) None of these

94. Which of the following characterises/characterise the people of the Indus Civilization?

- 1) They possessed great places and temples.
- 2) They worshipped both male and female deities.
- 3) They employed horse-drawn chariots in warfare.

Select the correct statement/statements using the codes given below

- (a) 1) and 2) only
- (b) 2) only
- (c) 1), 2) and 3)
- (d) None of the statements given is correct

95. A rise in general level of prices may be caused by

- 1) An increase in money supply
- 2) A decrease in the aggregate level of output
- 3) An increase in the effective demand

Select the correct answer using the codes given below

- (a) 1) only
- (b) 1) and 2) only
- (c) 2) and 3) only
- (d) 1), 2) and 3)

96. Consider the following crops:

- 1) Cotton
- 2) Groundnut
- 3) Rice
- 4) Wheat

Which of these are Kharif crops?

- | | |
|-------------------|--------------------|
| (a) 1) and 4) | (b) 2) and 3) only |
| (c) 1), 2) and 3) | (d) 2), 3) and 4) |

97. "Climate is extreme, rainfall is scanty and the people used to be nomadic herders."

The above statement best describes which of the following regions?

- | | |
|----------------------------|--------------------------|
| (a) African Savannah | (b) Central Asian Steppe |
| (c) North American Prairie | (d) Siberian Tundra |

98. How does the National Rural Livelihood Mission seek to improve livelihood options of rural poor?

- 1) By setting up a large number of new manufacturing industries and agribusiness centres in rural areas
- 2) By strengthening self-help groups and providing skill development
- 3) By supplying seeds, fertilizers, diesel pump-sets and micro-irrigation equipment free of cost to farmers

Select the correct answer using the codes given below:

- | | |
|--------------------|-------------------|
| (a) 1) and 2) only | (b) 2) only |
| (c) 1) and 3) only | (d) 1), 2) and 3) |

99. From the following sources of energy, which is/are Renewable Energy Sources?

- 1) Small Hydro Power and Geothermal energy
- 2) Mega Hydro Power and Diesel Generator
- 3) Energy from Biomass and Bio Gas
- 4) Coal and Gas based Power Plant

Select the correct answer using codes given below:

- | | |
|---------------|------------------|
| (a) 1) only | (b) 1) and 2) |
| (c) 1) and 3) | (d) All of these |

100. The Parliament can make any law for whole or any part of India for implementing international treaties.

- | | |
|--|--|
| (a) With the consent of all the States | (b) With the consent of the majority of the states |
| (c) With the consent of the States concerned | (d) Without the consent of any State |

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