

MIZORAM PUBLIC SERVICE COMMISSION

GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF ASSISTANT UNDER GOVERNMENT OF MIZORAM JUNE, 2014

PAPER - II

{Section A - General Knowledge - 75 Marks}
{Section B - Simple Arithmetic - 50 Marks}

Time Allowed : 3 hours

Full Marks : 125

SECTION - A

(General Knowledge - 75 Marks)

All questions carry equal marks of 1 each. Attempt all questions.

This Section should be answered only on the OMR Response Sheet provided.

1. 'The Kono statement' reappeared recently is an issue between
 - (a) Japan and Korea
 - (b) Korea and China
 - (c) China and Taiwan
 - (d) Russia and United States of America
2. Which country recognized equality between men and women for the first time through constitution on January 2014?
 - (a) Nigeria
 - (b) Algeria
 - (c) Tunisia
 - (d) Malaysia
3. Who was the Ukrainian Prime Minister who resigned following deadly protest across the country?
 - (a) Mr. Mykola Azarov
 - (b) Mr. Leonid Kravchuk
 - (c) Mr. Victor Yanukovych
 - (d) Mr. Serhiy Arbuzov
4. Who was the Indian Diplomat arrested in America on visa fraud charges?
 - (a) Ms. Mukherjee
 - (b) Shira Scheindlin
 - (c) Ms. Das Gupta
 - (d) Ms. Devyani Khobragade
5. Which community in India was accorded minority status by Union Cabinet on 20th January, 2014?
 - (a) Buddhists
 - (b) Jains
 - (c) Sikhs
 - (d) Parsis
6. Which of the following countries are the members of G7?
 - (a) France, Germany, India, Japan, United Kingdom, United States and Canada
 - (b) France, Germany, Italy, Russia, United Kingdom, United States and Canada
 - (c) France, Germany, Italy, Japan, United Kingdom, United States and Canada
 - (d) France, Germany, Italy, Japan, France, United States and Canada
7. November 14 is observed as
 - (a) Legal Services Day
 - (b) Children's Day
 - (c) International Day for Tolerance
 - (d) Diabetes Day

8. The Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) comprises,
- (a) India, Sri Lanka, Bangladesh, Myanmar, Bhutan, Nepal and Thailand
 - (b) India, Malaysia, Bangladesh, Myanmar, Bhutan, Nepal and Thailand
 - (c) India, Sri Lanka, Vietnam, Myanmar, Bhutan, Nepal and Thailand
 - (d) India, Sri Lanka, Bangladesh, Myanmar, Bhutan, Nepal and China
9. Which of the following countries is the biggest arms supplier to India?
- (a) Russia
 - (b) France
 - (c) US
 - (d) Germany
10. World Heritage Day is being celebrated around the world on
- (a) April 23
 - (b) April 21
 - (c) April 5
 - (d) April 18
11. Who has been appointed as the new CEO of Microsoft?
- (a) Rakesh Khurana
 - (b) Sundar Pichai
 - (c) Satya Nadella
 - (d) None of these
12. Which of the following countries became the 18th member of Euro zone?
- (a) Britain
 - (b) Poland
 - (c) Germany
 - (d) Latvia
13. The Reserve Bank of India will withdraw all notes printed before to check counterfeiting and black money in the system
- (a) 2005
 - (b) 2006
 - (c) 2007
 - (d) 2008
14. Geneva-II Peace Conference was held in January 2014. This was related to
- (a) Egypt
 - (b) Libya
 - (c) Syria
 - (d) Ukraine
15. The newly improved Rural Water Supply and Sanitation Project will be implemented with the assistance of
- (a) United Nations
 - (b) World Bank
 - (c) IMF
 - (d) ADB
16. Which of the following High Courts ruled that the Comptroller and Auditor General can audit the books of accounts of private sector telecom companies?
- (a) Delhi High Court
 - (b) Madras High Court
 - (c) Allahabad High Court
 - (d) Patna High Court
17. Sheik Hasina was sworn in on January 12, 2014 for Prime Minister of Bangladesh for the
- (a) Fifth time
 - (b) Second time
 - (c) Third time
 - (d) Fourth time
18. India has
- (a) 28 States
 - (b) 30 States
 - (c) 29 States
 - (d) 27 States
19. Literacy rate is lowest in the state of
- (a) Bihar
 - (b) Chhattisgarh
 - (c) Haryana
 - (d) Arunachal Pradesh

20. Average annual growth rate of India's Agriculture and allied sector during the Eleventh Five Year Plan is:
- (a) 4.4% (b) 6.1%
(c) 3.9% (d) 3.6%
21. The so called 'Look East Policy' is commonly known to be initiated under the Prime Ministership of
- (a) Rajiv Gandhi (b) P.V. Narasimha Rao
(c) Atal Bihari Vajpayee (d) Manmohan Singh
22. Highest population growth rate (2011 census) in India was in the state of
- (a) Meghalaya (b) Nagaland
(c) Assam (d) Tripura
23. Which University in the Northeastern States recently got 'A' Grade from NAAC?
- (a) North Eastern Hill University (NEHU) (b) Nagaland University
(c) Assam University (d) Mizoram University
24. According to 2011 census Mizoram population density is:
- (a) 42 persons/sq.km (b) 52 persons/sq.km
(c) 46 persons/sq.km (d) 63 persons/sq.km
25. According to 2011 census the most literate district in India was:
- (a) Aizawl, Mizoram (b) Kozhikode, Kerela
(c) Serchhip, Mizoram (d) Thiruvananthapuram, Kerela
26. Miss World 2013 Ms. Megan Young belongs to
- (a) Malaysia (b) Thailand
(c) Philipines (d) Indonesia
27. Angela Merkel, German Chancellor belongs to
- (a) Christian Social Union (b) Christian Democratic Union
(c) Social Democratic Party (d) National Democratic Party
28. On what ground did Arvind Kejriwal and his Councils of Ministers recently resign?
- (a) Hike in the electricity bill
(b) Severe attack from Narendra Modi
(c) Failure to introduce Jan Lokpal Bill in the state Assembly
(d) Discontentment amongst the AAP legislatures
29. The Malaysian flight 370 which took off from Kuala Lumpur went missing on
- (a) March 8, 2014 (b) March 9, 2014
(c) March 10, 2014 (d) March 7, 2014
30. Name the country which approved new constitution on January 18, 2014.
- (a) Turkey (b) Sudan
(c) Bhutan (d) Egypt
31. 'Living History' is the book written by
- (a) V.N.Naipual (b) Kapil Dev
(c) Hillary Rodham Clinton (d) Vikram Seth

32. 'Revolution 2020' is the famous novel of
(a) Chetan Bhagat (b) Dr. A.P.J. Abdul Kalam
(c) L.K. Advani (d) P.V. Rajgopal
33. "The Last Word" is a book written by
(a) Hanif Kureishi (b) Javed Akhtar
(c) Vikram Seth (d) Anita Desai
34. Who wrote the book "*Ignited Mind*"?
(a) Maulana Abul Kalam Azad (b) Dr. A.P.J. Abdul Kalam
(c) Bankim Chandra Chatterjee (d) Rabindranath Tagore
35. Who wrote the book "*Gandhi Before India*"?
(a) Ramachandra Guha (b) Salman Rushdie
(c) Jhumpa Lahiri (d) Kuswant Singh
36. was sworn in as Italy's youngest ever Prime Minister on February 2014
(a) Mr. Enrico Letta (b) Mr. Giorgio Napolitano
(c) Mr. Matteo Renzi (d) None of these
37. Maker of Iconic AK 47 Rifle, died on 23 December 2013.
(a) Mikhail Kalashnikov (b) Oleksandar Turchynov
(c) Viktor Yanukovich (d) None of these
38. Present Secretary General of United Nations is
(a) John Kerry (b) Jim Young Kim
(c) Ban Ki Moon (d) Kim Jong II
39. Who is the first Pope from Latin America?
(a) Pope John Paul II (b) Pope Benedict XVI
(c) Pope Francis (d) Pope Alexander
40. The current Vice President of India is
(a) Pranab Mukherji (b) P. Chidambaram
(c) Hamid Ansari (d) Pratibha Patil
41. Who won the FIFA Ballon d'or award 2013?
(a) Ronaldinho (b) Cristiano Ronaldo
(c) Lionel Messi (d) Frank Riberry
42. Which team became Asia cup Cricket Under-19 Champion?
(a) Pakistan (b) Bangladesh
(c) Sri Lanka (d) India
43. Which capital is chosen by IOC to host Olympic 2020?
(a) Madrid (b) Buenos Aires
(c) Istanbul (d) Tokyo
44. Indira Gandhi Gold Cup is the Trophy associated with
(a) Table Tennis (b) Polo
(c) Weight Lifting (d) Hockey

45. Which of the following sports item is voted back into the Olympic sport roster?
(a) Baseball (b) Squash
(c) Wrestling (d) Hockey
46. What does CSIR stand for?
(a) Council of Scientific and Industrial Research
(b) Council for Scientific and Industrial Research
(c) Committee of Scientific and Industrial Research
(d) Council of Scientific and Information Research
47. What is the full form of VVPAT?
(a) Voter Verification Paper Audit Trail (b) Voter Verified Paper Audit Trail
(c) Voter Verifying Printing Auditing Trail (d) Voter Verifying Printing Audit Trail
48. What is the full form of EPABX?
(a) Electronic Private Automatic Branch Exchange
(b) Electronic Printing Audit Bank Exchange
(c) Electronic Printing Automatic Bank Exchange
(d) Electronic Private Audit Bank Exchange
49. CNG stands for
(a) Compressed Natural Gas (b) Congress National Group Committee
(c) Central Natural and Gas Limited (d) Controller of Natural Gas
50. POSCO stands for
(a) Petroleum and Steel Corporation (b) Proliferation of Steel Company
(c) Pohang Steel Company (d) Political and Socio- Cultural Organisation
51. Lines on a map joining the places of equal rainfall is known as
(a) Isotherm (b) Lagoon
(c) Isobar (d) Isohyets
52. The point at which earthquake starts is called
(a) Focus (b) Atoll
(c) Epicentre (d) Crater
53. Second layer of the earth's atmosphere is called
(a) Stratosphere (b) Mesosphere
(c) Ionosphere (d) Exosphere
54. San Francisco is also known as
(a) City of Palaces (b) City of Golden Gate
(c) City Beautiful (d) None of these
55. is also called *Land of Midnight Sun*
(a) Korea (b) Japan
(c) Finland (d) Norway
56. Gandhi Peace Prize, 2013 was awarded to
(a) Mr. Chandi Prasad Bhatt (b) Dr. Vijaykumar Vinyak Dongre
(c) Prof. Guocheng Zhang (d) Mr. Pranab Mukherjee

57. Who amongst the following is not the winner of Bharat Ratna?
(a) Prof. Amartya Sen (b) Sachin Tendulkar
(c) C.N.R.Rao (d) Mary Kom
58. Rajiv Gandhi Excellence Awards, 2014 for excellence in Social Works was given to
(a) Mr. Kapil Nischol (b) Anna Hazare
(c) Mr. M.Madan Babu (d) None of these
59. Who has been awarded Marconi Prize 2014?
(a) Rakesh Khurani (b) A.J.Paulraj
(c) Morten Karlsen Sorby (d) Raj Jain
60. Abel Prize 2013 was awarded to
(a) Pierre Deligne (b) Stephen Hawking
(c) Manoj Gupta (d) Lobachevky
61. Electric bulb is invented by
(a) A.Volta (b) Thomal Alva Edison
(c) Henri Becquerel (d) Marconi
62. Photocopying was invented by
(a) Chester Carlson (b) Thomas Newcombe
(c) A.H.Taylor (d) Moseley
63. Washing Machine was invented by
(a) Hubert Cecil Booth (b) Percy Spencer
(c) Alva J.Fisher (d) Luther George Simjian
64. Dailmer Black holes were predicted by
(a) Einstein (b) Boyle
(c) Newton (d) Galileo
65. Who discovered Genetic Code?
(a) Z.Jansen (b) Dr. Hargovind Khurana
(c) J.C.Bose (d) James Watt
66. In computer usages URL stands for
(a) Unit Resource Locator (b) Uniform Resource Locator
(c) Uniform Relaying Laser (d) Unit Relaying Location
67. Choose the Odd one out
(a) Spams (b) Worms
(c) Viruses (d) Snakes
68. MPEG refers to
(a) Motion Pictures Export Group (b) Motion Pictures Experts Group
(c) Motion Pictures Experience Group (d) Motion Pictures Exporting Group
69. A programming error that causes a program to behave in an unexpected way
(a) Bug (b) Boot
(c) Byte (d) Disk

70. UPS is the acronym for
(a) Uploadable Printing Strategy (b) Unision Power System
(c) Uninterruptible Power Supply (d) Universal Personal Set
71. DSL stand for
(a) Digital Subscriber Line (b) Downloadable Systematic Line
(c) Domain System Link (d) Dial Send and Link
72. WWW stands for
(a) World Wide Web (b) Web Wide World
(c) World Web Wide (d) None of these
73. Moore's law of Optical states that the number of transistor in a computer chip doubles every
(a) 2 months (b) 10 months
(c) 18 months (d) 12 months
74. The full form of CDMA in connection with communication
(a) Code Division Multiple Access (b) Codeless Division Multiple Access
(c) Code Division Multiple Accessory (d) Code Dividing Multiple Access
75. What is the full form of HTTP in connection with internet?
(a) Hypertext Transfer Protocol (b) Hypertext Transfer Principle
(c) Hypertext Transverse Protocol (d) None of these

SECTION - B
(Simple Arithmetic - 50 Marks)

Marks for each question are indicated against it. Attempt all questions.

This Section should be answered only on the Answer Sheet provided.

1. Answer the following: **(10×1=10)**
- (a) The cost of 10 m of cloth is Rs.850, find the cost of 12 m of cloth.
- (b) Write the degree of the polynomial $5x^6 - y^3 + 5xy^7$.
- (c) What percentage of Rs. 2.50 is 20 paise?
- (d) $\frac{2}{3}$ of a number is 30. What is the number?
- (e) What is the median of 10, 13, 22, 25, 8, 11, 19, 18, 31 and 16?
- (f) The ratio of two numbers is 3 : 4 and their HCF is 4, find their LCM.
- (g) What is the least number to be multiplied with 294 to make it a perfect square?
- (h) The average of 2, 7, 6 and x is 5 and the average of 18, 1, 6, x and y is 10. What is the value of y?
- (i) If $2^{2n-1} = \frac{1}{8^{n-3}}$, then what is the value of n?
- (j) A is younger than B by 4 years. If their ages are in the ratio of 7 : 9, how old is A?

2. How much smaller is $2x^2 - 2x + 5$ than $7 + 5x^2 + 3x$? (2)
3. Find a and b if $\frac{5 - \sqrt{6}}{5 + \sqrt{6}} = a - b\sqrt{6}$. (2)
4. Which is greater $4 : 5$ or $19 : 25$? (2)
5. The difference between two numbers is 14 and the difference between their squares is 448. Find the numbers. (2)
6. Find the value of ' a ' for which $(x + a)$ is a factor of the polynomial $f(x) = x^3 + ax^2 - 2x + a + 6$. (2)
7. If 30% of a sum of money is Rs.270, what is the total sum of money? (2)
8. A bus runs at 54km per hour. How far can it go in 20seconds? (2)
9. What number has to be added to each term of $3 : 5$ to make the ratio $5 : 6$? (2)
10. If the cost price of 20 articles is equal to the selling price of 16 articles. Find the gain percent. (2)
11. Find the angle between the hour and minute hands of a clock when the time is 3:10. (2)
12. The difference between the cost price and selling price of an article is Rs.240. If the profit is 20%, find the selling price. (4)
13. The dimension of a room is 45 dm by 36 dm. Find the cost of carpet required to cover the floor of the room, if the width of the carpet is 1.5 m and cost Rs.250 per metre. (4)
14. 100 litres of salt solution contains 40% salt. How much water should be added to make it a 30% solution of salt? (4)
15. Find the single discount which is equivalent to two successive discounts of 20% and 5%. (4)
16. The difference between the Compound interest and Simple interest for 2 years at 10% per annum is Rs.50. Find the sum. (4)

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