

MIZORAM PUBLIC SERVICE COMMISSION

GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF U.D.C. (CONTRACT) UNDER COOPERATION DEPARTMENT, GOVT. OF MIZORAM OCTOBER, 2016

PAPER - II

{Section A - General Knowledge - 75 Marks}
{Section B - Simple Arithmetic - 25 Marks}

Time Allowed : 3 hours

Full Marks : 100

SECTION - A

(General Knowledge - 75 Marks)

All questions carry equal marks of 1 each.

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

1. Which country successfully test first stealth fighter jet name X-2 recently?
(a) Japan (b) Korea
(c) China (d) Russia
2. Which country successfully launched Kunpeng-1B rocket?
(a) Nigeria (b) China
(c) Korea (d) Malaysia
3. With which country India signed MoU in the field of traditional system of medicine and Homoeopathy during Minister of State for AYUSH Mr.Shipad Yesso Naik's visit to that country?
(a) Hong Kong (b) Thailand
(c) Ukrain (d) Mauritius
4. One of the greatest boxers Muhammad Ali, who died recently, was from which country?
(a) United States (b) United Kingdom
(c) Canada (d) Australia
5. Which country conferred Prime Minister Narendra Modi 'Amir Amanullah Khan Award', the highest civilian honour of that country?
(a) Afghanistan (b) Mali
(c) Iran (d) Saudi Arabia
6. First IT Park was inaugurated by President Pranab Mukherjee in which state?
(a) Maharashtra
(b) Kerala
(c) Andhra Pradesh
7. Which city has been named as the world's most polluted city, as per recently released urban air quality database of World Health Organization (WHO)?
(a) Sanghai (b) Delhi
(c) Beijing (d) Zabol

8. How much amount was allocated for agriculture and farmers welfare by Union Budget of India 2016-2017?
 - (a) Rs 35984 crore
 - (b) Rs 50000 crore
 - (c) Rs 45670 crore
 - (d) Rs 4000 crore
9. According to Economic Survey 2015-16 how much is expected for India's economic growth for the fiscal year of up to March 2017?
 - (a) 7 to 8%
 - (b) 7.5-8.5%
 - (c) 7-7.5%
 - (d) 8-8.5%
10. How much amount was allocated for Swachh Bharat Abhiyan by Union Budget 2016-2017
 - (a) Rs 6000crore
 - (b) Rs 7500crore
 - (c) Rs 9000 crore
 - (d) Rs 8000 crore
11. In which city of India 'Make in India Week' concluded?
 - (a) Begaluru
 - (b) Chennai
 - (c) Guwahati
 - (d) Mumbai
12. Telangana became the
 - (a) 28th State of India
 - (b) 30th State of India
 - (c) 29th State of India
 - (d) 27th State of India
13. Literacy rate is lowest in the state of
 - (a) Bihar
 - (b) Chhattisgarh
 - (c) Haryana
 - (d) Arunachal Pradesh
14. Who was a dissident Congress leader recently sworn-in as the ninth Chief Minister of Arunachal Pradesh?
 - (a) KP Rajkhowa
 - (b) Kaliko Pul
 - (c) Harsh Vardhan
 - (d) JP Nadda
15. India Republic Day 2016 was the
 - (a) 57th Republic Day
 - (b) 66th Republic Day
 - (c) 67th Republic Day
 - (d) 58th Republic Day
16. NATO and EU signed an agreement on 10th February, 2016 pertaining to
 - (a) Cyber Defense
 - (b) Terrorism
 - (c) Middle-East Peace Initiatives
 - (d) South China Sea
17. The world's longest and deepest rail tunnel has recently opened in which country?
 - (a) France
 - (b) United Kingdom
 - (c) China
 - (d) Switzerland
18. Who firstly rename the so called 'Look East Policy' to 'Act East Policy'?
 - (a) Narendra Modi
 - (b) P.V. Narasimha Rao
 - (c) Hillary Rodham Clinton
 - (d) John Kerry
19. Hindu Marriage Bill approved in 2016 in which country?
 - (a) Afganishtan
 - (b) Pakistan
 - (c) Mauritius
 - (d) Bangladesh
20. Who is known as 'The Iron Lady' from Northeast, crusading against the draconian law of AFSPA
 - (a) Irom Sharmila
 - (b) Iron Sharmila
 - (c) Mary Kom
 - (d) None of the above

21. 'Kwangmyongsong' is a satellite name of
(a) China (b) Japan
(c) Indonesia (d) North Korea
22. Highest population growth rate (2011 census) in India was recorded in the state of
(a) Meghalaya (b) Nagaland
(c) Assam (d) Tripura
23. Which University in the Northeastern States recently got 51st ranked in All India University Ranking results?
(a) North Eastern Hill University (NEHU) (b) Nagaland University
(c) Assam University (d) Mizoram University
24. The term 'comfort women' was appeared recently in the news between which countries?
(a) USA and Russia (b) Japan and South Korea
(c) China and Taiwan (d) Russia and Turkey
25. 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
26. Present Minister of Health & Family Welfare Department of Mizoram is
(a) R. Romawia (b) Lalsawta
(c) H. Rohluna (d) Lalthanzara
27. The much doubted 'Mizoram Carbon Product Industry' is located at
(a) Zonuam (b) Luangmual
(c) Rangvamual (d) Lengte
28. According to 2011 census the most literate district in India was
(a) Aizawl, Mizoram (b) Kozhikode, Kerela
(c) Serchhip, Mizoram (d) Thiruvananthapuram, Kerela
29. According to 2011 census, which district of Mizoram has more female population than male population?
(a) Aizawl (b) Serchhip
(c) Mamit (d) Kolasib
30. In Mizo traditional society 'Pawlkut' was generally celebrated in the month of?
(a) July or August (b) March or April
(c) December or January (d) February and March
31. Who is the author of the book "Hindutva or Hind Swaraj"?
(a) Agha Shahid (b) U.R. Ananthamurthy
(c) Rohinton Mistry (d) Amrish Tripathi
32. The book 'Man are from Mars, Women are from Venus' was written by
(a) Johngray Eliot (b) Adam Smith
(c) James Joyce (d) Sydney Shall
33. Who authored the book 'Harry Potter and Deathly Hallow'
(a) Boris Yeltsin (b) J.K Rowling
(c) Nelson Mandela (d) Ingram Smith

34. 'Das Capital' is the book written by
(a) Ben Johnson (b) Mike Marqusee
(c) Karl Max (d) Mikhail Sholokhov
35. Who authored the famous book 'Ignited Mind'
(a) Dr. A.P.J. Abdul Kalam (b) Bill Clinton
(c) Nelson Mandela (d) Amartya Sen
36. Wikileaks is associated with
(a) Edward Snowden (b) Stephan Hawking
(c) Julian Paul Assange (d) Narmada
37. Google Internet is associated with
(a) Larry Page (b) Mark Zuckerberg
(c) Sergey Brin (d) John Paul
38. Azim Hasham Premji is the chairman of
(a) Reliance (b) Wipro
(c) Tata (d) Hyndai
39. Steven Spielberg is one of the famous
(a) Film Director (b) Writer
(c) Philosopher (d) Historian
40. Cricket is the National Sport of
(a) India (b) Pakistan
(c) England (d) Australia
41. World No.1 Tennis player Novak Djokovic who won 2016 French Open title in the men's single category was from
(a) Serbia (b) Russia
(c) England (d) Ukhraine
42. Who is the newly appointed Chief Executive Officer (CEO) of the Board of Control for Cricket in India (BCCI)?
(a) Mehant Sharma (b) Anurag Thakur
(c) Rahul Johri (d) Ajay Shirke
43. Who has been named as the goodwill ambassador for the Indian contingent in the Rio-2016 Olympic Games?
(a) Salman Khan (b) Priyanka Chopra
(c) John Abraham (d) Amitabh Bachhan
44. Indira Gandhi Gold Cup is the Trophy associated with
(a) Table Tennis (b) Polo
(c) Weight Lifting (d) Hockey
45. AIDS stands for
(a) Acquired Immuno Deficiency Syndrome (b) Acquire Immuno Disease Sign
(c) Active Internal Diseases Syndrome (d) Acquire Inter-Sex Disease Syndrome

46. ASEAN stands for
- (a) Asian Economic Association Nations
 - (b) Association of East Asian Nations
 - (c) Association of South-East Asian Nations
 - (d) Association for South and East Asian Nations
47. The long form of UNLF is
- (a) United National Liberation Front
 - (b) Uganda National Liberation Front
 - (c) Underground National Liberation Front
 - (d) United Nations Liberty and Fraternity
48. CNG stands for
- (a) Compressed Natural Gas
 - (b) Congress National Group Committee
 - (c) Central Natural and Gas Limited
 - (d) Controller of Natural Gas
49. BBC stands for
- (a) British Broadcasting Corporation
 - (b) British Broadcasting Company
 - (c) British-Belgium Cooperation
 - (d) Belgium Broadcasting Company
50. Which one of the following is known as 'City of Morning Calm'?
- (a) Switzerland
 - (b) Korea
 - (c) Japan
 - (d) Australia
51. Which one of the following is known as 'Sick Man of Europe'?
- (a) German
 - (b) Poland
 - (c) Turkey
 - (d) Belgium
52. Which one of the following is known as 'Land of Cakes'?
- (a) Scotland
 - (b) Greenland
 - (c) Australia
 - (d) Cuba
53. When the sun is located in the shortest distance from the earth, it is called
- (a) Perigee
 - (b) Apogee
 - (c) Aurora
 - (d) Equigravisphere
54. Which city is known as 'City of Skyscrapers'?
- (a) Sanghai
 - (b) Paris
 - (c) New York
 - (d) Vatican
55. Which city is known as 'Land of the Rising Sun'?
- (a) Sanghai
 - (b) Japan
 - (c) Korea
 - (d) Tibet
56. Among the followings who won Nobel Peace Prize?
- (a) Aung San Suu Kyi
 - (b) Jane Adams
 - (c) Malala Yousafzai
 - (d) All the above
57. Who won Pulitzer Prize 2015?
- (a) Paul Harding
 - (b) Harrison Ford
 - (c) Gregory Padio
 - (d) Mormac McCarthy
58. Man Booker prize winner for the year 2015 was
- (a) Donna Tartt
 - (b) Marlon James
 - (c) Mr. Chinu Modi
 - (d) Hilary Mantei

59. Sahitya Akademy Award 2015 was awarded to
(a) Mr. Chinu Modi (b) Ms. Pritika Kalra Gandhi
(c) Rohit Sharma (d) Ramdash Mishra
60. Padma Shri award 2014 was awarded to
(a) Pu Lalthangfala Sailo (b) Pu C. Chhuanvawra
(c) Prof. Lalitluangliana Khiantge (d) Pu. M. Lalmanzuala
61. Who invented Atom Bomb
(a) Volta (b) Alfred Nobel
(c) Rutherford (d) Edison
62. Who discovered China?
(a) Marco Polo (b) James Cook
(c) Vasco da Gama (d) Stephenson
63. Who discovered North Pole?
(a) Mageland (b) Kepler
(c) Edmund Hillary (d) Robert Peary
64. Who discovered Planets?
(a) Aristotle (b) Kepler
(c) Plato (d) Charles
65. Gas engine was invented by
(a) Dailmer (b) Boyle
(c) J.C. Bose (d) Charles
66. World's first graphene electronic paper has been developed by which country?
(a) China (b) Japan
(c) America (d) Germany
67. Email stands for
(a) Electronic Mail (b) Internet Mail
(c) Electrically Enable Mail (d) Emergency Mail
68. HTML Stands for
(a) High Time Mail Language (b) Hidden Text Mark Line
(c) Hidden Text Mail Language (d) HyperText Markup Language
69. An electronic pathway through which data is transmitted between components in a computer
(a) Bug (b) Card
(c) Byte (d) Bus
70. RAM is the acronym for
(a) Read-Access Memory (b) Random-Access Memory
(c) Reduce Acquire Memory (d) Run-Access and Manage
71. UPS is the acronym for
(a) Uploadable Printing Strategy (b) Unision Power System.
(c) Uninterruptible Power Source (d) Universal Personal Set

72. URL Stands for
- (a) United Resource Location (b) Unit Readable Language
(c) Universal Resource Locator (d) Unision Read Line
73. FAQ stands for
- (a) Faded Access Query (b) Frequently Asked Questions
(c) Field Accredited Query (d) File Access Questions
74. WWW stands for
- (a) World Wide Web (b) Web Wide World
(c) World Web Wide (d) None of the above
75. A program that lets the user log onto a remote computer. Also, the name of the program implementing the protocol is known as
- (a) Spam (b) Telnet
(c) Server (d) Protocol

Section - B
(Simple Arithmetic - 25 Marks)

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

1. Choose the correct answer in each of the following (7×1=7)
- (a) If income of Mr.Ruata is 20% more than that of Mr.Biaka, then income of Mr.Biaka is how much per cent less than that of Mr.Ruata?
- (i) $22\frac{1}{3}\%$ (ii) $33\frac{1}{3}\%$
(iii) $16\frac{2}{3}\%$ (iv) $26\frac{2}{3}\%$
- (b) A takes Rs.2000 from B for 2 years at the rate of 10% half-yearly simple interest. How much interest will be paid by A to B after the end of 2 years?
- (i) Rs.100 (ii) Rs.200
(iii) Rs.400 (iv) Rs.500
- (c) What will be the present worth of Rs.676 due in 2 years at 4% p.a. compound interest?
- (i) Rs.625 (ii) Rs.650
(iii) Rs.652 (iv) Rs.666
- (d) Oranges are bought at 3 for Rs.13 and sold at 2 for Rs.9, then the gain per cent is
- (i) $2\frac{11}{13}\%$ (ii) $3\frac{11}{13}\%$
(iii) $4\frac{11}{13}\%$ (iv) $5\frac{11}{13}\%$
- (e) Two successive discounts of 20% and 20% are equivalent to a single discount of
- (i) 25% (ii) 30%
(iii) 36% (iv) 40%

- (f) Mrs.Rini buys a mobile handset quoted at Rs.4800 as the following terms : Cash 5, $\frac{4}{10}$, $\frac{2}{20}$, $\frac{n}{30}$.

Find the amount she will have to pay if the payment is made on the 5th day.

- (i) Rs.4800 (ii) Rs.4608
(iii) Rs.4560 (iv) Rs.4500
- (g) A dishonest dealer claims to sell his goods at cost price, but he uses a weight of 900 gm for the kg. weight. Find his gain per cent.

- (i) $9\frac{1}{11}\%$ (ii) $9\frac{1}{9}\%$
(iii) 10% (iv) $11\frac{1}{9}\%$

2. Answer the following

(5×2=10)

- (a) Water tax is increased by 20% and its consumption decreased by 20%. Find the change in expenditure.
- (b) At simple interest, a sum becomes 3 times in 20 years. Find the time in which the sum will be double at the same rate of interest.
- (c) Mr.Siama went to a shop to buy a mobile handset costing Rs.880. The rate of sales tax is 10%. He asks the shopkeeper to reduce the price of the handset to such an extent that he has to pay Rs.880 inclusive of sales tax. Find the reduction needed in the price of the handset.
- (d) A reduction of 25% in the price of tomatoes would enable a purchaser to get 2 kg of tomatoes more for Rs.240. Find the original price per kg. of tomatoes.
- (e) A shopkeeper purchases a watch for Rs.540 and fixes its list price in such a way that after allowing 10% discount, he earns a profit of 20%. Find the list price of the watch.
3. (a) The cash price of a mobile handset is Rs.24000. Mr.Liana agrees to pay Rs.13500 in cash followed by two equal annual instalments. If the rate of interest be 10% per annum, compounded annually, what is the value of each instalment? (4)

OR

- (b) On selling an article for Rs.240, a trader loses 5%. For how much should he sell so as to gain 10%? (4)
4. (a) Divide Rs.990 among three persons A, B and C such that C gets twice as much as A, and four times B's share is equal to three times C's share. (4)

OR

- (b) The difference between the compound interest and the simple interest on a certain sum for 2 years at 6% per annum is Rs.9. Find the sum. (4)

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