MIZORAM PUBLIC SERVICE COMMISSION

GENERAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF DEPUTY STORE OFFICER UNDER HOME DEPARTMENT. AUGUST, 2019

GENERAL STUDIES PAPER - II

Time Allowed : 2 hours   Full Marks : 150

Attempt all questions.
All questions carry equal marks of 2 each.

1. Where was the G 20 (Group of 20) Summit 2019 held?
   - (a) Riyadh, Saudi Arabia
   - (b) Buenos Aires, Argentina
   - (c) Osaka, Japan
   - (d) Beijing, China

2. Who topped in the 2019 Forbes magazine's highest paid women in sports list?
   - (a) Simona Haleb
   - (b) Serena Williams
   - (c) Anglelique Kerber
   - (d) Naomi Osaka

3. In which four states, '*One Nation One Ration Card*' scheme was launched in order to boost the National Food Security?
   - (a) Arunachal Pradesh, Andhra Pradesh, Maharashtra, Gujarat.
   - (b) Telengana, Andhra Pradesh, Maharashtra, Gujarat
   - (c) Kerala, Andhra Pradesh, Maharashtra, Gujarat.
   - (d) Kerala, Andhra Pradesh, Maharashtra, Karnataka.

4. Who won the Best Actor Award at the 66th National Film Awards?
   - (a) Ayushmann Khurrana, Vicky Kaushal
   - (b) Amir Khan, Ranveer Singh
   - (c) Rajkumar Rao, Hrithik Rosan
   - (d) Salman Khan, Ranbir Kapoor

5. The 3rd edition of Khelo India Youth Games (KIYG-2020) is scheduled to be held in which city?
   - (a) Guwahati
   - (b) Shillong
   - (c) Aizawl
   - (d) Imphal

6. The 52nd ASEAN Foreign Ministers' meeting (*AMM-52*) has taken place in which city?
   - (a) Bangkok
   - (b) Delhi
   - (c) Yangon
   - (d) Islamabad

7. Where will the India's first underwater train project is set to launch?
   - (a) Kolkata
   - (b) Varanasi
   - (c) Guwahati
   - (d) Mumbai

8. India's First 3-D Smart Traffic signal 'Intelights' has launched in which city?
   - (a) Lucknow
   - (b) Indore
   - (c) Jaipur
   - (d) Mohali

9. Name the former Union minister who died in Hyderabad in July 2019?
   - (a) Girish Karnad
   - (b) V.Shekhara
   - (c) S.Jaipal Reddy
   - (d) A.Vasan

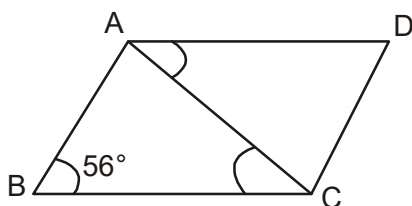**10.** Who has been appointed the new Finance Secretary of India?

    (a) NK Gupta   (b) GC Murmu

    (c) A.Chakraborty   (d) Rajiv Kumar

11. Which company has become India's largest Telecom Company in terms of operating revenue?

    (a) Vodafone Idea Limited   (b) BSNL

    (c) Reliance Jio   (d) Bharti Airtel

12. Noise levels in residential areas should not exceed:

    (a) 30 decibels   (b) 100 decibels

    (c) 85 decibels   (d) 55 decibels

13. Which European country has three official languages?

    (a) Canada   (b) Russia

    (c) USA   (d) Switzerland

14. Which of the following gases is responsible for Acid rain?

    (a) CO_2 (b) CO

    (c) SO_2 (d) CH_4

15. The line demarcating the boundary between India and Pakistan is:

    (a) Durand Line   (b) MacMohan Line

    (c) Radcliff Line   (d) Maginot Line

16. *Ceat* is associated with:

    (a) Tooth paste   (b) Toilet soups

    (c) Tyres   (d) Booth Polishs

17. *Jacob Vanlaltluanga* is associated to which sports?

    (a) Football   (b) Weightlifting

    (c) Boxing   (d) Basketball

18. When days and nights are of equal length on sept.23, this position is known as:

    (a) Equinox   (b) Occluded

    (c) Veering   (d) None of the above

19. Where is the GIFT city located?

    (a) Gujarat   (b) Bihar

    (c) Odisha   (d) Punjab

20. The organ of the body which is mainly damaged in hepatitis is:

    (a) Lung   (b) Spleen

    (c) Liver   (d) Kidney

21. Under which article of the constitution of India, a citizen can go to the supreme court for the enforcement of his fundamental Rights?

    (a) Article 31   (b) Article 32

    (c) Article 33   (d) Article 34

22. A man weighting 65 kgs jumps from a 100 ft. high building with a load of 35 kgs. What will be the load experienced by him?

    (a) 35 kgs   (b) 100 kgs

    (c) 30 kgs   (d) Zero

23. Monitor of a computer is:
   (a) Input device
   (b) Output device
   (c) Input/Output device
   (d) None of these

24. Red light is used in traffic signals because:
   (a) It has the longest wavelength
   (b) It is beautiful
   (c) It is visible to people even with bad eyesight
   (d) None of these

25. *Dadasaheb Phalke Award* is given:
   (a) For national Integration
   (b) For popularisation of Science
   (c) For contribution to Indian Cinema
   (d) None of these

26. A concave lens always forms an image which is ____
   (a) Real and erect
   (b) Virtual and erect
   (c) Real and inverted
   (d) Virtual and inverted

27. Noise is measured in ____
   (a) Watt
   (b) REM
   (c) Centigrade
   (d) Decibel

28. Which one of the following gases, present in the air near the surface of the Earth, has maximum concentrations?
   (a) Oxygen
   (b) Hydrogen
   (c) Nitrogen
   (d) Methane

29. The main policy goal for The new Science, Technology and Innovation Policy (STI) is:
   (a) SRISHTI is the main policy goal to led path for India.
   (b) To translate this action into vision.
   (c) A dedicated Policy Research Cell is yet to establish
   (d) All of these

30. What are the main objectives of Nano Science and Technology:
   (a) Human Resource Development
   (b) International collaboration and orchestrating national dialogues
   (c) Both (a) & (b)
   (d) Neither (a) nor (b)

31. Under the Ministry of Science and Technology, The Survey of India (SOI) was set up in ____
   (a) 1757
   (b) 1767
   (c) 1797
   (d) 1787

32. Who had invented zero?
   (a) Egyptians
   (b) Greeks
   (c) Indians
   (d) None of the above

33. Who had discovered oxygen?
   (a) Rutherford
   (b) William Harvey
   (c) Priestly
   (d) Galileo

34. What is Women Scientists Scheme (WOS) in India?

    (a) It aims to provide Women Scientists for pursuing research in engineering only.

    (b) It aims to provide Women Scientists for pursuing research in applied sciences only.

    (c) Both (a) & (b)

    (d) None of these

35. The Department of Scientific and Industrial Research (DSIR) was set up in:

    (a) 1982   (b) 1983

    (c) 1984   (d) 1985

36. India's first supercomputer is known as ___

    (a) SAGA   (b) PARAM 8000

    (c) EKA   (d) PARAM YUVA

37. What is the S.I. unit of electric current?

    (a) Volt   (b) Watt

    (c) Ampere   (d) Ohm

38. The first publicly available internet service in India was launched by ____

    (a) BSNL   (b) MTNL

    (c) Airtel   (d) VSNL

39. One Terabyte (1 TB) is equal to _____

    (a) 1028 GB   (b) 1012 GB

    (c) 1000 GB   (d) 1024 GB

40. Which one is India's first satellite exclusively used for educational purpose?

    (a) EDUSAT   (b) SARAL

    (c) HAMSAT   (d) RISAT-1

41. Who wrote the novel 'Chhingpuii' ?

    (a) Kaphleia   (b) Biakliana

    (c) Dr. Laltluangliana Khiangte   (d) Lalnunchanga

42. Sarlamkai dance was performed to celebrate the occasion of -

    (a) harvest   (b) war

    (c) famine   (d) new born child

43. In Mizo folktales, who lives the longest ?

    (a) Sichangneii   (b) Thasiama

    (c) Chhura   (d) Lalruanga

44. Which one is the first political party in Mizoram

    (a) Congress   (b) Mizo National Front

    (c) Mizo Union   (d) People's Conference

45. The first Lushai hills district council election was held in -

    (a) 14th January 1952   (b) 24th January 1952

    (c) 12th February 1952   (d) 4th January 1952

46. Who were the first Mizos to be baptised ?

    (a) Khuma and Khara   (b) Khama and Khara

    (c) Kunga and Kima   (d) Kunga and Khama

47. Mizoram become Union Territory on -
    (a) 24th January 1972   (b) 14th February 1972
    (c) 24th March 1972   (d) 14th April 1972

48. Mary Winchester was captured by the Chief -
    (a) Lalsavunga   (b) Thawmpawnga
    (c) Bengkhuaia   (d) Khamliana

49. In which story do we see Mizo more clever than other Indians -
    (a) Mauruangi thawnthu   (b) Tualvungi leh Zawlpala thawnthu
    (c) Chhura thawnthu   (d) Chepahakhata thawnthu

50. Who was the writer of the first Mizo novel 'Hawilopari'
    (a) Kaphleia   (b) Thuamluaia
    (c) L.Biakliana   (d) James Dokhuma

51. Who was the first Chief Executive Member in the Lushai Hills District Council -
    (a) Ch.Saprawnga   (b) Lalsawia
    (c) Lalbuaia   (d) R.Thanhlira

52. Who became the wife of non-Mizo king 'Vai-lalpa'
    (a) Rimenhawihi   (b) Mauruangi
    (c) Thailungi   (d) Tualvungi

53. The early Mizo believed that when a person dies, his or her spirit first visit
    (a) Mitthi Khua   (b) Pialral
    (c) Rih dil   (d) Hringlang tlang

54. A tree or a pole on which an enemy's head is hung was called
    (a) Seluphan   (b) Sathingzar
    (c) Sahlam   (d) Khanchhuk

55. In which year was North and South Lushai hills amalmagated into one district ?
    (a) 1890   (b) 1897
    (c) 1899   (d) 1898

56. If the mean of x, x +3, x + 5, x + 7 and x + 10 is 9, then what is the mean of the last three observations.
    (a) $9\frac{5}{4}$ (b) $10\frac{1}{2}$

    (c) $11\frac{1}{3}$ (d) 12

57. ABCD is a rhombus with $\angle ABC = 56^0$, then $\angle ACD$ is equal to

    (a) 90^0 (b) 62^0
    (c) 60^0 (d) 56^0

58. ₹1200 is lent out at 5% per annum Simple Interest for 3 years. Find the amount after 3 years.

    (a) ₹ 1380   (b) ₹ 1290

    (c) ₹ 1470   (d) ₹ 1240

59. If $a - b = 3$ and $a^2 + b^2 = 29$ then the value of ab is

    (a) 12   (b) 10

    (c) 15   (d) 8

60. In a school $\frac{5}{8}$ of the students are boys. If there are 240 girls, then the total number of boys will be

    (a) 400   (b) 500

    (d) 350   (d) 450

61. If a wire of length 44 cm is bent in the form of a square, then the area of the square will be

    (a) 1331 sqcm   (b) 77sqcm

    (c) 121sqcm   (d) 44 sqcm

62. A man gains 20 % by selling a certain article for a certain price. If he sells it atdouble the price,then the profit made is

    (a) 20%   (b) 140%

    (c) 120 %   (d) 100 %

63. A car can finish a certain journey in 10 hours at a speed of 48kmph. In order to cover the same distance in 8 hours, the speed of the car must be increased by

    (a) 60km/hr   (b) 7.5 km/hr

    (c) 15km/hr   (d) 12km/hr

64. Which is the greatest among the following numbers?

    (a) $2\sqrt{2}$ (b) $\sqrt{7}$

    (c) $2\sqrt{3}$ (d) $\sqrt{5}$

65. The average age of 25 children in the class is 8 years. If the teacher's age be included the average age becomes 9 years. What was be the teacher's age?

    (a) 32   (b) 54

    (c) 42   (d) 34

66. The mean of 1^2, 2^2, 3^2, 4^2, 5^2, 6^2, 7^2 is

    (a) 40   (b) 30

    (c) 20   (d) 50

67. Find out the wrong number in the series: 2, 9, 28, 65, 126, 216

    (a) 2   (b) 28

    (c) 65   (d) 216

Direction (Question 68 - 70) : Read the following passage carefully and choose the best answer to each of the questions out of the four alternatives:

Natural selection is the evolutionary process by which those individuals of a species that are best adapted are the ones that survive and reproduce. To understand what this means, let's return to the middle of the 19th century, when the British naturalist Charles Darwin was travelling around the world, observing many different species of animals in their natural surroundings. Darwin, who published his observations and thoughts in *On the Origin of Species,* noted that most organisms reproduce at rates that would cause enormous increases in the population of most species and yet populations remain nearly constant. He reasoned that an intense, constant struggle for food, water, and resources must occur among the many young born of each generation, because many of the young do not survive. Those that do survive and reproduce pass on their characteristics to the next generation. Darwin argued that these survivors are better adapted to their world than are the non-survivors. The best-adapted individuals survive to leave the most offspring. Over the course of many generations, organisms with the characteristics needed for survival make up an increasing percentage of the population. Over many, many generations, this could produce a gradual modification of the whole population. If environmental conditions change, however, other characteristics might become favoured by natural selection, moving the species in a different direction.

68. Which of the following states the main idea of the passage?
   (a) Survival of the fittest
   (b) The work of Charles Darwin
   (c) There is constant struggle for food, water and resources
   (d) Environmental conditions affect natural selection

69. 'Species' has the same meaning as.....?
   (a) animal   (b) creature
   (c) genus   (d) sapiens

70. The antonym for 'survival' as implied in the passage is:
   (a) existence   (b) death
   (c) health   (d) endurance

Direction (Question 71 & 72): Answer the following questions using the coding and decoding of the letters in the English alphabet as well as numbers.

71. PRECIOUS ⟶ KIVXRLFH : : CONSUME ⟶ ?
   (a) VIXLUME   (b) XLHMVNF
   (c) XLMHFNV   (d) KIVNFMW

72. MARCH ⟶ 17-5-22-7-12 : : AUGUST ⟶ ?
   (a) 1-21-7-21-19-20   (b) 5-25-11-25-23-24
   (c) 1-6-7-6-19-7   (d) 1-23-7-23-20-19

Direction (Question 73 - 75): In the questions below find out the correct answer out of the four answer figures.

73.

WXYZ	YZWX	ZWXY	XYZW	YZWX

ZWXY	WXZY	WXYZ	ZWYX
(a)	(b)	(c)	(d)

74.

→		—		→		—		→
		←		→		←		→
						←		→

—	←	—	→
→	←	←	←
→	←	←	←
→		←	←
(a)	(b)	(c)	(d)

75.

AAAAAAA	OOO		AAAAA		OOOOO		AAA	
OO	AAAAAA		OOOO		AAAA		OOOOOO	

AA	OOOOOO	AA	OOOOOO
OOOOOOO	AA	OOOOOOO	AA
(a)	(b)	(c)	(d)

* * * * * * *