

INSTITUTE OF FOREST BIODIVERSITY, HYDERABAD

Name of the Post : **Lower Division Clerk (PWD)**
Total Marks : **100**
Date of Examination : **09-03-2019**
Time Allotted : **Two hours** 2.00 PM to 4.00 PM

HALL TICKET NUMBER :

INSTRUCTIONS

1. Immediately after the commencement of the examination you should check that this booklet does not have any unprinted or torn or missing pages or items, *etc.* If so, get it replaced by a complete test booklet.
 2. Please note that it is the candidate's responsibility to fill in the **Hall Ticket Number** carefully and without any omission or discrepancy at the appropriate place above and also on the answer sheet provided to you.
 3. This test booklet contains **100** questions. Each question is printed only in **English** and comprises four responses choose most appropriate response as answer.
 4. The serial number of the answer should correspond to the serial number of the question in question paper. In any case, choose **ONLY ONE** response for each item. Marking more than one answer to any question will render it invalid.
 5. All questions carry equal marks, and there is **NO negative marking. No mark will be deducted for any wrong or incorrect answer.**
 6. **Over writing or erasing etc., will be counted towards wrong answer.** Any Omission or discrepancy will render the answer liable for rejection.
 7. You need to write your answers in the circle or box provided in the OMR sheet or answer sheet. See that the OMR sheet (answer sheet) do not have any folds or ink dots in between. Complete filling or marking the answer in the circle or box provided with ball point pen only.
 8. At the end of examination, you should **hand over** the **Test Booklet** along with OMR sheet to the **Invigilator** without fail.
 9. Sheets for rough work are appended in the Test Booklet at the end.
 10. Candidates are **NOT** allowed to leave the examination hall until the completion of the duration of the examination.
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Signature of Invigilator

Signature of Candidate

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

General Intelligence – 25 Marks

1. Biomass fuel is a _____ resource
 - A) Renewable
 - B) Nonrenewable
 - C) All of these
 - D) None of these
2. Workers in the _____ Sector do not produce goods/pro duce
 - A) Industries
 - B) Agriculture
 - C) Service sector
 - D) All the above
3. Exchange of gases in plants take place through which one of the following shoot parts?
 - A) Flower
 - B) Petals
 - C) Sepals
 - D) Stomata
4. Humus constitutes of which one of the following?
 - A) Decayed plants and animals
 - B) Decayed leaves and twigs
 - C) Tiny insects
 - D) All of these
5. Titan is a moon of which one of the following planets?
 - A) Earth
 - B) Mars
 - C) Jupiter
 - D) Saturn
6. Green plants make their own food. They are called?
 - A) Heterotrophs
 - B) Autotrophs
 - C) Saprophytes
 - D) All of these
7. Ward Cunningham is famous for developing for the first time:
 - A) The free encyclopedia on internet
 - B) A computer language called “Java”
 - C) A digital Camera
 - D) A software which can take Hebrew Language as in put

8. World's largest supercomputer called "The spiking – network architecture" which has been designed to working in the same way as the human, brain became operational in UK in November 2018
- A) Soul
 - B) Bionic
 - C) Human
 - D) Neural
9. Which portal and app was launched by Prime Minister Narendra Modi on 24.10.2018 to enable IT Professionals and organizations to contribute towards social causes?
- A) Main Nahin App
 - B) Main Nahin Tum
 - C) Main Nahin Hum
 - D) Main Nahin Sabhi
10. Which state has won in the "Innovation Incubation" category at the Common Wealth Association for Public Administration and Management (CAPAM) awards in October 2018?
- A) Bihar
 - B) Rajasthan
 - C) Maharastra
 - D) Uttara Pradesh
11. An 'antelope' belongs to which of the following category of animal?
- A). Herbivorous
 - B). Carnivorous
 - C). Omnivorous
 - D). All of these
12. Fossils of plants and animals are commonly found in which types of rocks?
- A). Igneous rocks
 - B). Metamorphic rocks
 - C). Sedimentary rocks
 - D). Both a and b
13. Which of the following planet is closest to the Sun?
- A) . Mercury
 - B) . Mars
 - C) . Venus
 - D) . Jupiter

14. What is the India's rank out of 119 countries on the Global Hunger Index 2018 released by Welthungerhilfe and concern Worldwide?
- A) 83rd
 - B) 93rd
 - C) 103rd
 - D) 113th
15. Which of the following is not an agency of United Nations?
- A) Food and Agricultural Organization
 - B) International Monetary Fund
 - C) International Committee of the Red Cross
 - D) International Labour Organization
16. What is disguised unemployment?
- A) Where people are apparently working but all of them are made to work less than their potential is called disguised unemployment. It is also called under employment
 - B) Employment for a season
 - C) Employment for few days
 - D) Semi employment
17. Which one of the following is the newest Geological Era?
- A) Permian
 - B) Triassic
 - C) Cretaceous
 - D) Jurassic
18. Which of the following trees, once very popular in Social Forestry, is now taken to be Environmental Hazard?
- A) Babul
 - B) Amaltas
 - C) Neem
 - D) Eucalyptus
19. Some marine animals and insects emit light from their body in darkness. This phenomenon is known as ____?
- A) Phosphorescence
 - B) Bioluminescence
 - C) Both A & B
 - D) None of these

20. The famous hill station 'Kodaikanal' lies in which hill ranges:
- A) Nilgiri hills
 - B) Palani hills
 - C) Cardamom hills
 - D) Javadi hills
21. Which amongst the following is an invasive weed?
- A) *Tectona grandis*
 - B) *Cynodon dactylon*
 - C) *Prosopis juliflora*
 - D) *Acacia nilotica*
22. What is the India's Rank in the Global Competitiveness Index of the World Economic Forum (WEF) released in September 2018?
- A) 38th
 - B) 48th
 - C) 58th
 - D) 68th
23. What is the India's rank on the Human Capital Index (HCI) of 157 countries launched by the World Bank in October 2018?
- A) 85th
 - B) 95th
 - C) 105th
 - D) 115th
24. What was the India's position in the medals tally at the youth Olympic Games organized in Buenos Aires in October 2018?
- A) 7th
 - B) 17th
 - C) 27th
 - D) 37th
25. The term "double fault" is associated with ___?
- A) Baseball
 - B) Golf
 - C) Tennis
 - D) Bridge

English Language (Basic knowledge)

26. Read the sentence and choose the kind of sentence from the options given below – “How beautiful she is!”
- A) Assertive
 - B) Interrogative
 - C) Imperative
 - D) Exclamatory
27. Identify the subject in the given sentence – “Hari looks like a clown”
- A) Clown
 - B) looks
 - C) Hari
 - D) All of these
28. Choose the past tense form of verb ‘Arise’
- A) Arise
 - B) Arose
 - C) Arisen
 - D) Arising
29. Choose the present continuous form of verb ‘Sleep’
- A) Sleep
 - B) Sleeping
 - C) Slept
 - D) Sleeps
30. Fill in the blank in the given sentence with a suitable preposition – “She will reach Hyderabad _____ Monday”
- A) At
 - B) On
 - C) To
 - D) In
31. Fill in the blank with a suitable conjunction from the options given below – “Ram tried hard to qualify _____ failed”
- A) Though
 - B) But
 - C) As
 - D) So
32. Fill in the blank with a suitable conjunction from the options given below – “Mira misses the Bus _____ she was late.”
- A). Though
 - B). But
 - C). Because
 - D). So

33. Choose the antonym of the word 'Deserted'
- A) Empty
 - B) Crowded
 - C) Barren
 - D) All of these
34. Choose the synonym of the word 'Diligent'
- A) Lazy
 - B) Clever
 - C) Laborious
 - D) Merciless
35. Understand the given analogy and find the correct option from below – "Eye: Myopia::
Teeth _____"
- A) Pyorrhoea
 - B) Cataract
 - C) Trachoma
 - D) Eczema
36. Arrange the jumbled word to make a meaningful sentence
"People/the/world/selfish/full/is/of"
- A) Selfish people is full of the world
 - B) The world is full of selfish people
 - C) People is full of selfish the world
 - D) World is full of the selfish people
37. Arrange the jumbled words to make a meaningful sentence
"Largest/of/India/the/democracy/world/the/is/one/in"
- A) India the largest democracy in the world is one of
 - B) In the world India is one of the largest democracy
 - C) India is one of the largest democracy in the world
 - D) India is democracy one of the largest
38. Fill in the blank with one word substitution – "A person who is always shy is called
_____"
- A) Introvert
 - B) Extrovert
 - C) Gregarious
 - D) Diffident
39. Fill in the blank with one word substitution – "One who knows everything is called
_____"
- A) Omnipotent
 - B) Omnipresent
 - C) Omniscient
 - D) All of these

40. Fill in the blank with a suitable pronoun – “I am going to meet _____ friend”

- A) Mine
- B) My
- C) Myself
- D) All of these

41. Fill in the blank with correct form of verb – “He _____ very hard daily”

- A) Works
- B) Work
- C) Worked
- D) All of these

Directions: In the following passages there are three blanks each of which has been numbered. These numbers are printed below the passage and against each five word/group of words are suggested, one of which fits in the blank appropriately. Find out the appropriate word/group of words.

42. And stamped inside on the ledge to.....

- A. Distract
- B. Receive
- C. Pinpoint
- D. Divulge

43. The attention of the leopard and Sree went to the back door and

- A) Sit down
- B) Climb down
- C) Bolt up
- D) Crept up

44. Upto Storeroom, He the door and bolted it just

- A) Burst
- B) Covered
- C) Opened
- D) Slammed

45. Health is very much important to all human beings which is to be -----.

- A) Safe guarded
- B) Deserted
- C) Neglected
- D) Protected

46. Because of the bitter experience of the past he _____ everywhere.

- A) Smells rat
- B) Sees danger

- C) Suspect foul
 - D) Disbelieve
47. Find out the correct spelling
- A) Accomodation
 - B) Acommodation
 - C) Accommodation
 - D) Acomodation
48. A movement for the world unity is in **the offing**.
- A) About to start
 - B) At the end.
 - C) In the air
 - D) On decline
49. Ram is in the habit of **chewing the cud**. It means
- A) To muse on
 - B) Misusing things
 - C) Assuring
 - D) Forgetting things
50. India is having good will approach with ----- EU (European Union).
- A) The
 - B) An
 - C) A
 - D) For

Quantitative Aptitude (Basic Arithmetic) – 25 marks

51. In code language, MATCH is written as NCWGM and BOX as CQA, then OQWIGUVS will be written as _____?

- A) NOTFBOPE
- B) MOKEBOOT
- C) NOTEBOOK
- D) None of these

52. If DEAF = 32, then LEAF = _____?

- A) 48
- B) 50
- C) 52
- D) None of these

53. If A = 1, and AND = 19, then BAT = _____?

- A) 22
- B) 23
- C) 21
- D) 20

Choose that pair/group which shows similar relation which exists in the pair mentioned above each pair/group

54. Human : Mammal :: _____?

- A) Hail : Snow
- B) Domicile : Resident
- C) Offspring : Family
- D) Independence : Literate

55. Regularly : Infrequent :: _____?

- A) Often : Never
- B) Excess : Few
- C) Punctual : Delay
- D) Faithful : True

56. 365 : 90 :: 623 : _____?

- A) 36
- B) 45
- C) 123
- D) 63

From the question given below, choose the set from the given options which is similar to the given set.

57. Given set: (4, 9, 18)
- A) (10, 15, 25)
 - B) (6, 12, 23)
 - C) (12, 17, 26)
 - D) (12, 17, 25)

Answer the following questions after studying given arrangement very carefully
B C F E A U D C B F E D U C A B F E A C F B E D

58. If all vowels are removed from the above arrangements, then which of the following will be 13th from left?
- A) F
 - B) B
 - C) C
 - D) D
59. If 2 is deducted from all the **odd digits** and 3 is added to all the **even digits** in the number 3675249, then which of the following digits will appear twice in the new number formed?
- A) None
 - B) 1
 - C) 2
 - D) 3
60. Ramesh was born on 28th February of a year. If in that year Republic Day fell on Sunday, then on which day Ramesh was born?
- A) Friday
 - B) Saturday
 - C) Sunday
 - D) Monday
61. Sherli walks 15m. towards North from a specific place and then turns to his right and goes 15 m. And then turning left each time he goes 10, 15 and 15 m. How far is he from his original place?
- A) 5 m
 - B) 10 m
 - C) 20 m
 - D) 15 m

62. Ram and Syam start walking in opposite direction. Ram walks 6 kms. and Syam walks 8 kms. then Ram turns right and walks 8 kms and Syam turns left and walks 6 kms. Find out how far are both of them from their original place?
- A) 8 kms.
 - B) 9 kms.
 - C) 10 kms.
 - D) 11 kms.
63. How will the daughter of son of father of sister of my father related to me?
- A) Daughter
 - B) Niece
 - C) Aunt
 - D) Sister
64. Mohan earns Rs. 35000/ in a month. He spends $\frac{3}{5}$ th of his income on buying groceries. He distributes $\frac{1}{7}$ th of his income among the poor people. How much money does he save in a month.
- A) Rs.7000/
 - B) Rs. 9000/
 - C) Rs. 11000/
 - D) Rs. 13000/
65. Find the circumference of a circle whose radius is twice of 1.4 cm.
- A). 32.5 cm
 - B). 20.5 cm
 - C). 17.6 cm
 - D). 21.2 cm
66. There are two rods of equal length. One rod is bent into a square shape. Length of one side of square is 9 cm. Other rod is bent into a rectangle shape whose length is 11cm. Which shape encloses more area?
- A). Square
 - B). Rectangle
 - C). Both are equal
 - D). None of these
67. From a place A, a car leaves for place B. Distance between place A and place B is 750 km. If the speed of the car is 60 km/hr, then what fraction of the total distance will it cover in 15 minutes?
- A). $\frac{1}{25}$
 - B). $\frac{1}{50}$
 - C). $\frac{1}{75}$
 - D). $\frac{1}{100}$

68. Which one of the following roman symbols represents 100?
- A) L
 - B) C
 - C) D
 - D) M
69. How many faces of a dice should be coloured such that fractional representation of the coloured part be $\frac{1}{3}$?
- A) 1
 - B) 2
 - C) 3
 - D) 4
70. Solve the following: $9 \times 0.00001 + 8 \times 0.0001 + 7 \times 0.001 + 6 \times 0.01 + 5 \times 0.1 + 1$
- A) 0.156789
 - B) 1.56789
 - C) 15.6789
 - D) 156.789
71. In a triangle one side is 3 more than twice the second side; the third side is three times the second side; and its perimeter is 99 cm. Find the length of the second side of the triangle.
- A) 12 cm
 - B) 16 cm
 - C) 18 cm
 - D) 20 cm
72. Find the perimeter of a cube having side length of 12cm
- A). 120 cm
 - B). 144 cm
 - C). 156 cm
 - D). 160 cm
73. Simplify the following: $[100\{80-60\}+50]-[80\{70+30\}]$
- A. 9187
 - B. -5950
 - C. 9987
 - D. 9780
74. Ramesh wants to reach his office, which is 34km away from his home, in 15 minutes. What would be the minimum speed of his car?
- A. 140 km per hour
 - B. 100 km per hour
 - C. 130 km per hour
 - D. 136 km per hour

75. The speed of a car is 1.5 km per minute. The speed of another car on a parallel track is 0.1 km per second. Find out the difference in the distance covered by both of these cars in one hour.
- A. 200 km
 - B. 210 km
 - C. 270 km
 - D. 250km

General Awareness – 25 Marks

76. “Biocarbon Fund” initiative sustainable Forest Landscapes is managed by the _____?
- A) Asian Development Bank
 - B) International Monetary Fund
 - C) United Nations Environmental Programme
 - D) World Bank
77. President of India R.N. Kovind unveiled a statue of _____ at the Jubilee Park in Parramatta near Sydney during his visit to Australia in November 2018?
- A) Goutham Buddah
 - B) Mahatma Gandhi
 - C) Swami Vivekananda
 - D) Rabindranath Tagore
78. Rafale fighter is a twin engine MMRCA India is buying from French Aerospace Company – Dassault Aviation is _____?
- A) Major Multi Role Combat Aircraft
 - B) Master Multi Role Combat Aircraft
 - C) Modern Multi Role Combat Aircraft
 - D) Medium Multi Role Combat Aircraft
79. The Cabinet Committee on Economic Affairs on 22.11.2018 approved that ____% of food grains shall be mandatorily packed in diversified Jute Bags?
- A) 40%
 - B) 60%
 - C) 80%
 - D) 100%

80. Who has taken maximum wickets in One-day Cricket Internationals?
- A) Shane Warne
 - B) Muthiah Muralidharan
 - C) Kapil Dev
 - D) Wasim Akram
81. National Botanical Research Institute situated at_____?
- A) Lucknow
 - B) New Delhi
 - C) Dehra Dun
 - D) Chennai
82. The famous book “Better India, a Better World” has been written by _____?
- A) Rajiv Sikri
 - B) Azim Premji
 - C) N.R. Narayana Murty
 - D) Praveen Mahapatra
83. What is the title of A.P.J Abdul Kalam’s Autobiography ?
- A) Me and missile
 - B) My memories
 - C) Sky is the limit
 - D) Wings of fire
84. Who is the founder of “face book” which is currently the No.1 Social Networking Website in India?
- A) Orket Buyukkokten
 - B) Mark Zuckerbrg
 - C) Bill Gates
 - D) Marton Cooper
85. Who said “child is the father of man” ?
- A) John Keats
 - B) Shakespeare
 - C) Willam Wordsworth
 - D) Lord Byron

86. Which of the following is not a renewable resource?
- A) Thorium
 - B) Geothermal Heat
 - C) Tidal Power
 - D) Radiant Energy
87. Who among the following introduced the World's first Laptop computer in the market?
- A) Hewlett – Packard (HP)
 - B) Epson
 - C) Laplink Travelling Software Inc.
 - D) Microsoft
88. Which one among the following is responsible for the expansion of water in Ocean?
- A) Carbon Dioxide
 - B) Nitrogen Dioxide
 - C) Carbon Monoxide
 - D) Sulphur Dioxide
89. A special tax imposed, a tax on tax, levied by the central government for a specific purpose and tax money is deposited in the consolidated fund of India. This is called as
- A) Direct tax
 - B) GST
 - C) IGST
 - D) CESS
90. There are emergency provisions provided by the constitution to the government where extreme situations would be taken care off. Among them which emergency was not proclaimed in India?
- A) State Emergency
 - B) Constitutional Emergency
 - C) Financial Emergency
 - D) Both B & C
91. There are biologically important regions around the world where Biological resources are innumerable in nature. They have higher level of threat, richness and endemism. This is called -----.
- A) Hot Spot
 - B) Biosphere Resource
 - C) National Park
 - D) Sanctuary

92. There are different biological diversity classified among the scientific community among which a new addition of diversity is included recently. Its called -----.
- A) Species diversity
 - B) Genetic diversity
 - C) Ecosystem diversity
 - D) Molecular diversity
93. Human heart has four chambers which are linked by valves. How many valves are there to connect all the chambers?
- A) 2
 - B) 4
 - C) 3
 - D) 1
94. There are nephrons present in the human body which are very much essential for functioning of the body. What is the use of them?
- A) Purification of blood from liquid material
 - B) Purification of blood from gases material
 - C) Purification of oxygen from gases material
 - D) Purification of oxygen from liquid material
95. Milk is considered to be a complete food for human. White colour of the milk is due to presence of a special protein called -----.
- A) Casien
 - B) Peptine
 - C) Poly peptine
 - D) Cysteine
96. There are energy received from the universe that are omnipresent. They are all called
- A) Solar energy
 - B) Cosmic energy
 - C) Electromagnetic energy
 - D) Photons
97. Coconut is perennial tall plant which is having----- root system.
- A) Tap root system
 - B) Proop root system
 - C) Fibrous root system
 - D) Both tap and fibrous root system

98. Pure form of carbon that is precious in nature. Which is -----.
- A) Coal
 - B) Petroleum
 - C) Diamond
 - D) Pearl
99. What is the effect of the Earth Quake occurs in the bottom of the Sea which was happened by 2004?
- A) Tornado
 - B) New island formation
 - C) Large scale displacement of sea water leads train of big waves
 - D) Cyclone
100. Catch me if you can is a Hollywood movie made on the life of Frank Abagnale who was ___?
- A) A famous Lawyer
 - B) A famous Swimmer
 - C) A Famous Printer
 - D) An Infamous imposter