THE GAUHATI HIGH COURT AT GUWAHATI

(THE HIGH COURT OF ASSAM, NAGALAND, MIZORAM & ARUNACHAL PRADESH)

WRITTEN EXAMINATION (OMR based objective type multiple choice questions) FOR DIRECT RECRUITMENT TO THE POST OF PROGRAMMER IN THE PRINCIPAL SEAT OF THE GAUHATI HIGH COURT.

Date: 10-03-2024   Time: 10:00 AM to 12 NOON
Total Marks: 120   Duration: 2 Hours

EACH QUESTION CARRIES 1 MARK. THERE IS NO NEGATIVE MARKING

ENGLISH

For each of the following sentences with a blank space, select the answer from the choices given below to make the sentence grammatically correct:

1. Please vote for the member.............has done the most for our village.
   - (a)   Whom you believe.
   - (b)   Who you believed.
   - (c)   That you believe.
   - (d)   Who you believe.

2. The decoration of the new office block, including the furniture and curtains, ...
   - (a)   Is more pleasing.
   - (b)   Are more pleasing.
   - (c)   Is most pleasing.
   - (d)   Have most pleasing.

3. The chief competitor, as well as ourselves, ...prices this summer.
   - (a)   Are obliged in rising.
   - (b)   Is obliged to rising.
   - (c)   Are obliged to raise.
   - (d)   Is obliged to raise.

4. Neither the salesmen nor the marketing manager.............of the system.
   - (a)   Is favouring.
   - (b)   Is in favour.
   - (c)   Are in favour.
   - (d)   Are for favour.

5. On the results of the survey........... and the type of campaign, we shall wage.
   - (a)   Depends the extent.
   - (b)   Depend the extent.

(c)   Depending the extent.

(d)   Depend the extent.

In each of the following sentences, a word is given along with four words listed below. Choose the word nearest in meaning to it:

6. DECEIT
   - (a)   simplicity
   - (b)   gentility
   - (c)   sincerity
   - (d)   dishonesty

7. WORTHLESS
   - (a)   cheap
   - (b)   valuable
   - (c)   invalid
   - (d)   variable

8. MALADY
   - (a)   ill will
   - (b)   ill luck
   - (c)   ill feeling
   - (d)   illness

9. CHARGES
   - (a)   income
   - (b)   payment
   - (c)   fee
   - (d)   profit

10. FANCIFUL
   - (a)   elaborate
   - (b)   imaginative
   - (c)   extensive
   - (d)   decorative

GENERAL KNOWLEDGE

11. Who wrote the novel "Thank You, Jeeves"?

(a) P.G. Wodehouse
(b) James Redfield
(c) Arthur Conan Doyle
(d) John Kenneth Galbraith

12. A person who deceives and psychologically manipulates another into questioning his or her own perceptions or sanity is known as?
(a) Fratty
(b) Gaslighter
(c) Finfluencer
(d) Chugger

13. 10th March is also celebrated worldwide as?
(a) World Art Day
(b) Coal Miners' Day
(c) World Population Day
(d) International Day of Women Judges

14. Which of the following is also known as the "City of Peace and Justice"?
(a) Toronto
(b) The Hague
(c) Tel Aviv
(d) Tehran

15. Which newspaper was founded in 1780 by James Augustus Hicky?
(a) Indian Opinion
(b) New India
(c) Indian Mirror
(d) Bengal Gazette

16. *RongGhor* was first built by whom?
(a) Rudra Singha
(b) Siva Singha
(c) Pratap Singha
(d) Pramatta Singha

17. The first Field Marshal of India was?
(a) General Cariappa
(b) General S.H.F. Manekshaw
(c) General Thimayya
(d) General Bipin Rawat

18. The first woman IAS officer was?
(a) Anna Rajam Malhotra
(b) Kiran Bedi
(c) Chokila Iyer
(d) C.B. Muthamma

19. The first female U.S. Supreme Court Justice was?
(a) Ruth Bader Ginsburg
(b) Sandra Day O' Connor
(c) Sonia Sotomayor
(d) Elena Kagan

20. Who was the first President of the Indian National Congress?
(a) Dadabhai Naoroji
(b) Badruddin Tyabji
(c) W.C. Bonnerjee
(d) R.C. Dutt

21. Pench National Park is situated in?
(a) Madhya Pradesh
(b) Odisha
(c) Karnataka
(d) Chattisgarh

22. The youngest Bharat Ratna awardee and the first sportsperson to win the award in 2014 was?
(a) Kapil Dev
(b) Sachin Tendulkar
(c) Abhinav Bindra
(d) Neeraj Chopra

23. The present Chairman of ISRO?
(a) S. Somanath
(b) S. Sivan
(c) S. Kasturirangan
(d) J. Narlikar

24. Which famous body is housed at Dholpur House, New Delhi-110069?
(a) NITI Aayog
(b) UPSC
(c) NHRC
(d) CBI

25. Who is the present Union Minister of AYUSH?
(a) Virendra Kumar
(b) Giriraj Singh
(c) Prahlad Joshi
(d) Sarbananda Sonowal

26. Who is the present Chairperson of BBC?
(a) Dr. Samir Shah
(b) Dr. Mahendra Nath Pandey
(c) Dr. Jitendra Singh
(d) Dr. J.P. Nadda

27. Which Mughal Emperor was also known as Alamgir?
(a) Babur
(b) Jahangir
(c) Aurangzeb
(d) Akbar

28. Which port did King Charles II of England received as dowry from the Portuguese, on his marriage with Catherine of Braganza in 1661?
(a) Mumbai
(b) Goa
(c) Surat
(d) Diu

29. He was Independent India's first football captain, leading the team at the London Olympics in 1948, and was the contingent's flag bearer. Which sportsperson?
(a) P.K. Bannerjee
(b) Dr. Talimeren Ao
(c) Chunilal Dutta
(d) Sao Gabriel

30. When did the Morley-Minto Reforms take place?
(a) 1905
(b) 1890
(c) 1919
(d) 1909

REASONING AND GENERAL APTITUDE

31. Raj can build a house alone in 16 days but Suraj alone can build it in 12 days. Raj and Suraj work on alternate days. If Raj works on first day, the house will be built in how many days?
(a) 12.5 days
(b) 13 (3/4) days
(c) 48/7 days
(d) 24/7 days

32. A can complete a work in 12 days and B can complete in 8 days. A works for 8 hours every day while B works for 10 hours every day. If A and B together start working 8 hours per day, in how many days will they complete the work?
(a) 8 days
(b) 60/11 days
(c) 39/12 days
(d) 15/8 days

33. If Ram and Shyam together can build a house in 10 days; Ram and Arun can build it together in 12 days and Shyam and Arun can build it in 15 days. Shyam, Ram and Arun start working together. In how many days they build the house?
(a) 6 days
(b) 4 days
(c) 8 days
(d) 12 days

34. P can do a job in 15 days. In how many days can P and Q together complete the job if Q is twice as fast as P?
(a) 3 days
(b) 5 days
(c) 2 days
(d) 6 days

35. Mahesh asked 32 men to build his house in 20 days. 80% of the work got completed in just 12 days. So Mahesh removed some workers. Now how many persons does he need to complete the remaining work in decided time?
(a) 12
(b) 20
(c) 32
(d) 16

36. A ratio equivalent to 3:7 is-
(a) 3:9
(b) 6:10
(c) 9:21
(d) 18:49

37. The ratio 35:84 in simplest form is-
(a) 5:7
(b) 7:12
(c) 5:12
(d) none

38. In a class there are 20 boys and 15 girls. The ratio of boys to girls is-
(a) 4:3
(b) 3:4
(c) 4:5
(d) none

39. Two numbers are in the ratio 7:9. If the sum of the numbers is 112, then the larger number is:
(a) 49
(b) 72
(c) 63
(d) 42

40. The ratio of 1.5 m to 10 cm is-
(a) 1:15
(b) 15:10
(c) 10:15
(d) 15:1

41. There are 30 people in a group. If all shake hands with one another, how many handshakes are possible?
(a) 870
(b) 435
(c) 30
(d) 39

42. In how many ways can we arrange the word FUZZTONE so that all the vowels come together?
(a) 1440
(b) 6
(c) 2160
(d) 4320

43. In a cricket league, in the first round every team plays a match with every other team. 9 teams participated in the cricket league. How many matches were played in the first round?
(a) 36
(b) 72
(c) 9
(d) 9-1

44. How many combinations are possible while selecting four letters from the word SMOKEJACK with the condition that J must appear in it?

(a) 81
(b) 82
(c) 32
(d) 41

45. In a room there are 2 green chairs, 3 yellow chairs and 4 blue chairs. In how many ways can Raj choose 3 chairs so that at least one yellow chair is included?
(a) 3
(b) 30
(c)64
(d) 84

46. A vessel is filled with liquid, 3 parts of which are water and 5 parts syrup. How much of the mixture must be drawn off and replaced with water so that the mixture may be half water and half syrup?
(a) 1/3
(b) 1/4
(c) 1/5
(d) 1/7

47. Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1:1:2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be?
(a)   Rs. 169.50
(b)   Rs. 170
(c)   Rs. 175.50
(d)   Rs. 180

48. A can contains a mixture of two liquids A and B in the ratio 7:5. When 9 litres of mixture are drawn off and the can is filled with B, the ratio of A and B becomes 7:9. How many litres of liquid A was contained by the can initially?
(a) 10
(b) 20
(c) 21
(d) 25

49. A milk vendor has 2 cans of milk. The first contains 25% water and the rest milk. The second contains 50% water. How much milk should he mix from each of the containers so as to get 12 litres of milk such that the ratio of water to milk is 3:5?
(a) 4 litres, 8 litres
(b) 6 litres, 6 litres
(c) 5 litres, 7 litres
(d) 7 litres, 5 litres

50. In what ratio must a grocer mix two varieties of pulses costing Rs. 15 and Rs. 20 per kg respectively so as to get a mixture worth Rs. 16.50 kg?
(a) 3:7
(b) 5:7
(c) 7:3
(d) 7:5

TECHNICAL KNOWLEDGE

51. ENIAC was developed by –
a. Japan
b. India
c. Russia
d. The U.S.

52. A.R.P.A stands for –
a. Artificial rework power agency
b. Article rate patrolling agency
c. Automated rate power assumption
d. Advanced research projects agency

53. Information technology bill passed on ___.
a. 15 Aug 2000
b. 20 July 2001
c. 18 Dec 1998
d. 16 May 2000

54. Section 29A under IT Act deals for –
a. Electronic record
b. Absconding to avoid service of summons
c. Destruction of document for evidence
d. False evidence

55. Patenting software is –
a. Intellectual process & amp; own
b. Self & amp; hard
c. Soft & amp; hard
d. Own & amp; real

56. Unsolicited emails are called as _____.
a. virus
b. worms
c. spam

d. trojan horse

57. Which of the conditional statements is/are supported by PHP?
i) if statements
ii) if-else statements
iii) if-else if statements
iv) switch statements

a. Only i)
b. i), ii) and iv)
c. ii), iii) and iv)
d. i), ii), iii) and iv)

58. The script that executes at the browser side is called _____
a. Client side scripting
b. Server side scripting
c. Both A and B
d. None of the above

59. PHP is a _____ language?
a. user-side scripting
b. client-side scripting
c. server-side scripting
d. Both B and C

60. The class from which the child class inherits is called _____
(i) Child class
(ii) Parent class
(iii) Super class
(iv) Base class

a. Only (i)
b. (ii), (iii) and (iv)
c. Only (iii)
d. (ii) and (iv)

61. Android is based on the following language?
(a) Java
(b) C++
(c) C
(d) None

62. API Stand for _____.
(a) Application Programming Interface
(b) Android Programming Interface
(c) Android Page Interface
(d) Application Page Interface

63. Which Programming Language Is used for Android Application Development?
(a) Java
(b) Kotline
(c) Flutter
(d) All of above

64. What is the full form of OHA?
(a) Option Handset Area
(b) Open Handset Alliances
(c) Original Handset Alliances
(d) Other Handset Alliances

65. What is an anonymous class in android?
(a) Interface
(b) Java Class
(c) Manifest File
(d) A class that does not have a name but have functionalities in it

66. Which of the following Android View sub-classes uses the WebKit rendering engine
to display web pages?
(a) Map View
(b) Page View
(c) Web View
(d) Http Client

67. Which statement is true for a PRIMARY KEY constraint?
a) Primary key defines a relationship between two tables.
b) A table in SQL must have a primary key associated with it to uniquely identify its records.
c) A table in SQL is indexed by default based on its primary key.
d) Primary key may or may not be unique but can be comprised of multiple fields.

68. Which statement is false for the ORDER BY statement?
a) Can sort based on multiple columns
b) Requires a ASC or DESC keyword explicitly to sort the result set.
c) Sorts the result set in descending order using the DESC keyword.
d) None of the above.

69. What is the main advantage of a clustered index over a non-clustered index?
a) It is easier to create and manipulate.
b) It requires extra memory but allows for speedy retrieval of records.
c) It does not require additional memory and allows for speedy retrieval of records.
d) None of the above.

70. Which of the following is known as a virtual table in SQL?
a) SELF JOIN
b) VIEW
c) INNER JOIN
d) NONE

71. What languages are supported by PostgreSQL?
a) PL/pgSQL, PL/Tcl, PL/Perl and PL/Python
b) Only SQL
c) PL/pgSQL, PL/Pcl, PL/Ruby and PL/Java
d) PL/Perl, PL/Dcl, PL/Dtl and PL/Dml

72. TCP/IP model does not have _____ layer but OSI model have this layer?
a) Session layer
b) Network layer
c) Transport layer
d) Application layer

73. Which of the following is not a network topology?
a) BUS
b) STAR
c) RING
d) Peer to peer

74. X.25 is_____ ?
a) Layer
b) Protocol
c) Scheme
d) Pocketing

75. The port no. of FTP is_____ ?
a) 23
b) 21
c) 143
d) 110

76. MIME stands for_____?
a) Multi Internet Mail End
b) Minimum Internet Mail Extra
c) Multipurpose Internet Mail Email
d) Multipurpose Internet Mail Extension

77. Which characteristic is not applicable distinctively for web3?
a. Decentralization
b. Contextual communication
c. Data Ownership
d. Speed

78. What are the applications of web3 technology in business?
a. Delivering services at the doorstep of customers.
b. Reinventing products and services for new trends.
c.Web3 helps in learning about customers.
d. Businesses can improve inventory management with web3 technology.

79. Which of the following programming languages is recommended for web3?
a. Solidity
b. JavaScript
c. HTML
d. All of the above

80. Which of the following is not the type of AI?
a. Reactive machines
b. Unlimited memory
c. Theory of mind
d. Self-awareness

81. The Bitcoin was introduced in this world by?
a. Stuart Haber
b. W. Scott Stornetta
c. Satoshi Nakamoto
d. Dave Bayer

82. Transactions are verified by network nodes through cryptography and recorded in a public distributed ledger called a ?
a. Cryptocurrency wallet
b. Blockchain
c. Nodes
d. Cryptocurrency

83. Bitcoins are created as a reward for a process known as?
a. mining
b. wallet
c. bubble
d. ledger

84. Which of the following creates temporary relation for the query on which it is defined?
a. With
b. From
c. Where
d. Select

85. Which of the following is not a features provided by DBMS?
a. Maintain accuracy of data
b. Utilities for performance analysis and logging
c. Ensure modifications are successful or not done at all
d. Recovery mechanism for data

86. What is the maximum length of the filename in DOS?
a. 4
b. 5
c. 8
d.12

87. What is the full name of FAT?
a. File attribute table
b. File allocation table
c. Font attribute table
d. Format allocation table

88. If the page size increases, the internal fragmentation is also?
a. Decreases
b. Increases
c. Remains constant
d. None of these

89. Who provides the interface to access the services of the operating system?
a. API
b. System call
c. Library
d. Assembly instruction

90. The information of MIS comes from the?
a. Internal source
b. External source
c. Both internal and external source
d. None of the above

91. GDSS is the short form of ?
a. Group Decision Support System
b. Group Discussion Support System
c. Group Decision Service System
d. Group Discussion Support Source

92. What term describes the strategy of choosing actions to maximize cumulative rewards over time?
a) Hyperparameter tuning
b) Feature extraction
c) Reinforcement learning
d) Policy optimization

93. In Reinforcement Learning, what does the term "agent" refer to?
a) A person supervising the learning process
b) A software program making decisions
c) A labeled data point
d) A neural network architecture

94. Which algorithm is particularly well-suited for environments with continuous action spaces?
a) Q-Learning
b) Deep Q-Network (DQN)
c) Policy Gradient
d) Monte Carlo Tree Search (MCTS)

95. Which of the following are useful for method overloading in PHP?
a. __call, __get, __set
b. _get, _set,_load
c. __get, __set,__load
d. __overload

96. Which one of the following can be considered as the class of computer threats?
a) Dos Attack
b) Soliciting
c) Phishing

d) None of the Above

97. In which of the following, a person is constantly followed/chased by another person or group of several peoples?
a) Stalking
b) Bulling
c) Phishing
d) Identity theft

98. Any person aggrieved by an order made by Controller or an adjudicating officer under this Act may prefer an appeal to a_____?
a. Indian Computer Emergency Response Team
b. Cyber Crime Cell
c. Certifying Authority
d. Cyber Appellate Tribunal

99 . _____ is designated as the national nodal agency in respect of Critical Information Infrastructure Protection under Sec. 70A of the IT Act.
a. Indian Computer Emergency Response Team
b. Cyber Crime Cell
c. National Technical Research Organization
d. Cyber Appellate Tribunal

100. Cyber offenses are the unlawful acts which are carried in a very sophisticated manner in which the computer is:
a. tool
b. target
c. both tool and target
d. tool or target or both

ASSAMESE SECTION

101. প্ৰথমে কোনে অসমীয়াত ৰামায়ণ ৰচনা কৰিছিল?

(a) মাধৱ কন্দলি   (b) ৰাম সৰস্বতী   (c) সত্য প্ৰসাদ বৰুৱা   (d) ভট্টদেৱ

102. মূল মহাভাৰতখন অসমীয়া পদ্যত ভাঙনি কৰোতাজনৰ নাম কি?

(a) মাধৱ কন্দলি   (b) ৰাম সৰস্বতী   (c) সত্য প্ৰসাদ বৰুৱা   (d) ভট্টদেৱ

103. প্ৰথম অসমীয়া লেখিকা গৰাকীৰ নাম কি?

(a) পদ্মাৱতী দেৱফুকননী (b) সৰস্বতী বৰুৱা

(c) অগ্নিকাগিৰি ৰায়চৌধুৰী (d) পার্বতী প্রসাদ বৰুৱা

104. গুৱাহাটী বিশ্ববিদ্যালয়ৰ প্রথম উপাচার্য্য কোন আছিল?

(a) কৃষ্ণকান্ত সন্দিকৈ (b) কমলা প্রসাদ আগৰৱালা

(c) হেম চন্দ্র বৰুৱা (d) এটাও নহয়

105. জ্যোতি প্রসাদ আগৰৱালাদেৱৰ এসময়ৰ 'পকী' নামৰ ঘৰটো কি নামেৰে জনাজত?

(a) জ্যোতি ভাৰতী (b) পদশিলা (c) শর্মা ভৱন (d) এটাও নহয়

106. 'চিৰ চেনেহী মোৰ ভাষা জননী' এই গীতটো কোনে ৰচনা কৰিছিল?

(a) লক্ষ্মীনাথ বেজবৰুৱা (b) হেম চন্দ্র গোস্বামী

(c) সাহিত্যচার্য্য মিত্রদেৱ মহন্ত (d) চন্দ্র কুমাৰ আগৰৱালা

107. ৰজনীকান্ত বৰদলৈৰ প্রথমখন উপন্যাসৰ নাম কি?

(a) মনোমতী (b) মিৰি জীয়ৰী (c) ৰজনী (d) দন্দুৱা দ্রোহ

108. মহিম বৰাৰ অনুবাদমূলক গ্রন্থখনৰ নাম কি?

(a) ৰাজা ৰাম মোহন ৰায় (b) চিন্তা বিচিত্রা

(c) ৰাতি ফুলা ফুল (d) পুতলা ঘৰ

109. প্রথম অসমীয়া শিশু উপন্যাসখনৰ নাম কি?

(a) দীনবন্ধু (b) পাতাল পুৰী (c) লৰা বন্ধু (d) দানৱ

110. প্রথম অসমীয়া সামাজিক নাটকখনৰ নাম কি?

(a) লৰা বন্ধু (b) অসীমত যাৰ হেৰাল সীমা (c) ৰাম নৱমী (d) অহংকাৰ

তলত দিয়া শব্দবোৰৰ বিপৰীত অর্থ বোজোৱা শব্দ লিখক (Q No. 111-115)

111. ইহলোক

(a) পৰলোক (b) পাতাললোক (c) পৰকাল (d) গভীৰ

112. পৰিমিত

(a) অপৰিমিত (b) পৰিজিতা (c) নিৰাশা (d) পৰ

113. পাৰ্থক্য

(a) ফৰিয়াদী   (b) সাদৃশ্য   (c) অনুচিত   (d) বৃহৎ

114. প্ৰকৃত

(a) সত্য   (b) সচা   (c) অপ্ৰকৃত   (d) প্ৰদান

115. প্ৰচুৰ

(a) ভিতা   (b) তল   (c) অলপীয়া   (d) শেষ

তলত দিয়া বাক্যবোৰ এটা শব্দত প্ৰকাশ কৰক (Q No. 116-118)

116. নোহোৱা বস্তু যি উলিয়ায়-

(a) উদ্ধাৰক   (b) কৰ্তব্য   (c) সুলভ   (d) সব্যসাচী

117. লোকক দেখি পাছত যি কৰে-

(a) বোৱনী   (b) অনুকৰণ   (c) দাৱনী   (d) অবিবেচক

118. বোকাত যাৰ জন্ম-

(a) বোকনী   (b) মানিনী   (c) পংকজ   (d) কঁহাৰ

তলত দিয়া যোজনা বিলাকৰ অৰ্থ উলিয়াওক (Q No. 119-120)

119. শালৰ মাজত শিঙি-

(a) কষ্টৰ ওপৰত কষ্ট দিয়া   (b) বহুতৰ লগত থাকিও অকলশৰীয়া

(c) অৰ্থহীন তৰ্ক কৰা   (d) উপকাৰ পাহৰি যোৱা

120. দলনিত পোনা মেলা-

(a) নিৰাশ্ৰয় অৱস্থাত পেলোৱা   (b) অতিকৈ দুখ হোৱা

(c) কঠোৰ পৰিশ্ৰম কৰা   (d) পিছে পিছে খেদি যোৱা

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