

The Gauhati High Court at Guwahati
(The High Court of Assam, Nagaland, Mizoram and Arunachal Pradesh)
**Written Examination (Objective type multiple choice) for direct recruitment of
 Systems Assistant in the District & Sessions Judges' Establishments of Assam**

Date: 24.12.2017 (Sunday)

Time: 2 ½ hours

Answer all questions. All questions Carry equal marks

In following 3 questions Choose the correct meaning of proverb/idiom from the options given below:

1. To hit the nail right on the head:
 A To destroy one's reputation B To teach someone a lesson C To do the right thing D None of these
2. To be above board:
 A To try to be beautiful B They have no debts C To have a good height D To be honest in any business deal
3. To keeps one's temper:
 A To be in composed mood B To be aloof from C To become strong D None of these

In following 4 questions choose the word which is the antonym of the given words.

4. Alien :
 A Native B resident C local D foreigner
5. Annoy:
 A Trust B Please C Happy D Comfortable
6. Impass
 A deadlock B moving C Breakthrough D surpass
7. Hapless
 A Cheerful B courteous C unlucky D fortunate
8. Choose the correctly spelt word :
 A Klaptomania B Kleptomania C Kleptomania D Klepptomania
9. Choose the correctly spelt word :
 A Skillful B Skilfull C skeelful D skilful
10. Choose the correctly spelt word :
 A Inoculation B Innoculation C Inoculation D Inocullation
11. Choose the correctly spelt word :
 A Comittie B Committee C Committee D Comittee

In following 4 questions choose the word which is the Synonym of the given words.

12. Wary
 A sad B Vigilant C intolerant D Ineffective
13. Shiver

- A Moving B shower C Tremble D shaving
14. Tepid
A Cold B hot C warm D boiling
15. Germane
A Relevant B Forceful C logical D nice

Choose the word which can be substituted for the given word/sentence.

16. To slap with a flat object
A Swat B chop C gnaw D pat
17. One who cannot be corrected
A incorrectable B Incurable C Incorrigible D Incorrectible
18. One who is in charge of museum
A Museumator B keeper C Curator D antiqueator
19. A disease of mind causing an uncontrollable desire to steal
A Magolomania B Kleptomania C Schizophrenia D Theftomania
20. To take secretly in small quantities
A Defalcation B Theft C Cheating D Pilferage
21. Find the statement that must be true according to the given information:-
Sita lives in a large city on the East Coast. Her younger cousin Gita lives in the Mid-west in a small town with fewer than 1,000 residents. Gita has visited Sita several times during the past five years. In the same period of time, Sita has visited Gita only once.
- A Gita likes Sita better than Sita likes Gita B Sita thinks small towns are boring C Gita wants to move to the East Coast. D Sita is older than Gita.
22. All Laptops are ipads with buttons.
No yellow ipads have buttons.
No laptops are yellow.
If the first two statements are true, the third statement is-
- A true B uncertain C False D Imagination

Following four questions have a word in bold font followed by four answer choices. Choose the word that is a necessary part of the word in bold font.

23. **Swimming**
A Pool B Water C Swimming suit D River
24. **Pain**
A Cut B Burn C Hurt D Bruise
25. **Shoe**
A Lace B Sole C Walking D Polish
26. **Antique**

A Rarity B Pre-historic C Artefact D Aged

In each of the following two questions, three statements are given followed by four conclusions numbered A,B,C and D. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

27. Some tigers are cats. All cats are benches. Some benches are not tigers -
 A -Some benches are tigers
 B- All tigers are benches
 C- All cats are tigers
 D- No bench is tiger
- A None follows B Only A follows C Only C and D follow D Only A and B follow
28. Some pens are pencils. Some pencils are rubber. Some rubbers are songs.
 A - Some songs are pencils
 B- Some rubbers are pen
 C- Some songs are pen
 D- No song is a pencil
- A Only either A or D follows B Only either A or C follows C Only either A or B follows D Only either B or D follows
29. If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number?
 A 5:3 B 2:3 C 4:7 D 1:4
30. The fourth proportional to 5, 8, 15 is:
 A 28 B 16 C 24 D 32
31. A takes twice as much time as B or thrice as much time as C to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in:
 A 7 days B 6 days C 4 days D 3 days
32. 10 women can complete a work in 7 days and 10 children take 14 days to complete the work. How many days will 5 women and 10 children take to complete the work?
 A 8 days B 7 days C 6 days D 4 days
33. Rahul can do a piece of work in 20 days. Tanya is 25% more efficient than Rahul. The number of days taken by Tanya to do the same piece of work is:
 A 17 days B 15 days C 16 days D 14 days
34. In a lottery, there are 10 prizes and 25 blanks. A lottery is drawn at random. What is the probability of getting a prize?
 A $\frac{3}{7}$ B $\frac{2}{7}$ C $\frac{5}{9}$ D $\frac{2}{5}$
35. Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds

48. Srimanta Sankardeva was born in the year:
A. 1451 B. 1452 C. 1449 D. 1448
49. Dimapur was the capital of the :
A. Kachari Kings B. Ahom Kings C. Dimasa Kings D. Koch Kings
50. The oath of office is administered to the Governor by the:
A. Speaker of Legislative Assembly B. Chief Justice of High Court C. Chief Justice of India D. President
51. The famous book 'The Daughter of the East' is written by
A. Ms. Taslima Nasreen B. Ms. Benazir Bhutto C. Ms. Aunsaan Suu Kyi D. Ms. Bandaranaike Sirimavo
52. 'Dandia' is a popular dance of
A. Gujarat B. Punjab C. Rajasthan D. Maharashtra
53. Who composed the famous song 'Sare Jahan Se Achha'?
A. Bankim Chandra Chattopadhyay B. Rabindranath Tagore C. Mohammad Iqbal D. Sarojini Naidu
54. Which state has become the India's first state to endorse Centre's triple talaq draft bill?
A. Uttar Pradesh B. Tamil Nadu C. Punjab D. Kerala
55. Who has been honoured with Mother Teresa Memorial award for social justice 2017?
A. Priyanka Chopra B. Aishwarya Rai C. Sridevi D. Kajol
56. Who become the only cricketer to have scored three double centuries in ODIs?
A. Virender Sehwag B. Rohit Sharma C. Sachin Tendulkar D. MS Dhoni
57. Which of the following word is declared as 2017's Word of the Year by Oxford Dictionary?
A. Youthquake B. Earthquake C. bradford D. seasand
58. Who has won the 2017 presidential election of Chile?
A Eduardo Frei Ruiz-Tagle B Michelle Bachelet C Sebastian Pinera D Ricardo Lagos
59. Which city is choosed to host the 2022 Commonwealth Games?
A London B Birmingham C Germany D Newyork
60. This film got the Golden Peacock award for the Best Film at the International Film Festival of India (IFFI-2017)
A Loveless B Everest C Trishanku D 120 Beats Per Minute
61. Who has won the 2017 Women's singles National Badminton Championships?
A Saina Nehwal B PV Sindhu C Prajakta Sawant D Shriyanshi Pardeshi

62. The Black Rod is responsible for controlling access to and maintaining order within :
 A Boxing ring B Rugby Match C UK's House of Lords D Taekwondo Ring
63. Which country recently adopted a new law enforcing a three-year punishment for disrespecting the national anthem?
 A Japan B China C Korea D Malaysia
64. Which country announces lifting of ban on movie theatres after 35 years?
 A Saudi Arabia B Egypt C Iran D Iraq
65. What is the name of the scheme which was launched to assess sanitation in all 4,041 cities and towns of the country?
 A Pradhan Mantri Swachhta Bima Yojana (PMSBY) B Pradhan Mantri Swachhta Yojana (PMSY) C Swachh Survekshan-2018 D Swachhta abhiyaan
66. Which state bans govt school teachers from taking mobile phones to classrooms?
 A Haryana B Bihar C Uttar Pradesh D Madhya Pradesh
67. Which country got disqualified for the first time in Football World Cup 2018?
 A Netherland B Italy C Japan D Uruguay
68. Which state government passed Prevention and Eradication of Inhuman Evil Practices and Black Magic Bill, 2017?
 A Karnataka B Assam C Bengal D Tripura
69. The Madhya Pradesh Govt has partnered with which states under "Ek Bharat-Shreshtha Bharat" scheme to strengthen cultural relations between them?
 A Nagaland and Manipur B Assam & Tripura C Bihar & Orissa D Haryana & Punjab
70. Who won the 67th edition of the Miss World crown?
 A Ayurshi Chillar B Manushi Chhillar C Madhavi Chillar D Ruparshi Chillar
71. 'সৰস্বতী সন্মান' লাভ কৰা প্ৰথম অসমীয়া সাহিত্যিকজনৰ নাম কি ?
 A চন্দ্ৰপ্ৰসাদ শইকীয়া B ড. নগেন শইকীয়া C ড. লক্ষ্মীনন্দন বৰা D ডাঃ ধ্ৰুৱজ্যোতি বৰা
72. 'হালধীয়া চৰায়ে বাওধান খায়' গ্ৰন্থৰ লেখক কোন ?
 A হোমেন বৰগোহাঞি B মহিম বৰা C ছৈয়দ আব্দুল মালিক D চন্দ্ৰপ্ৰসাদ শইকীয়া
73. স্বৰ্ণকমল প্ৰাপ্ত প্ৰথম অসমীয়া চলচ্চিত্ৰখনৰ নাম কি ?
 A সন্ধ্যাৰাগ B হালধীয়া চৰায়ে বাওধান খায় C আজলী নবৌ D পিয়লি ফুকন
74. 'প্ৰতিমাৰ খনিকৰ' বুলিলে কাক বুজো
 A চন্দ্ৰকুমাৰ আগৰৱালা B কমলাকান্ত ভট্টাচাৰ্য C বজ্জকান্ত বৰকাকতী D ৰুদ্ৰ বৰুৱা
75. যি সদায় মনত ৰখাৰ যোগ্য
 A স্মৰণীয় B চিৰস্মৰণীয় C আজীৱন D স্মৰ্তব্য
76. পিতাকৰ সখিয়েকৰ বৈশীয়েক –
 A জেঠাই B তাই C আঁমৈ D আপাদেউ

77. তলত দিয়া সমোচ্চাৰিত শব্দবোৰৰ কোনটো শুদ্ধ
 A কঠা = মাটিৰ জোখ B কঁথা = ফটাকানি গোটাই
 C কথা = মাত-বোল D আটাইকেইটা শুদ্ধ
 সিয়া নিহালি
78. দুবছৰৰ মূৰে মূৰে পোৱালী দিয়া (গাই) –
 A খীৰ্ণ্তী B দুৰ্চী C দ্বিবাৰ্ষিক D এটাও শুদ্ধ নহয়
79. প্রকৃতি বা আন উৎসৰ অনুকৰণত সৃষ্ট শব্দবোৰক কোৱা হয় –
 A অনুৰূপ শব্দ B অনুকাৰ শব্দ C সমার্থক শব্দ D প্রতিশব্দ
80. 'ৰখীয়া' শব্দটোৰ প্ৰত্যয় ভাঙিলে তলৰ কোনটো ৰূপ শুদ্ধ হ'ব?
 A ৰাখ + ঈয়া B ৰখ + ইয়া C ৰাখ + ইয় D এটাও শুদ্ধ নহয়
81. 'নভোমণ্ডল' শব্দটোৰ সন্ধি ভাঙিলে তলৰ কোনটো ৰূপ শুদ্ধ হ'ব?
 A নভ + মণ্ডল B নভঃ + মণ্ডল C নভৎ + মণ্ডল D এটাও শুদ্ধ নহয়
82. 'শোণিত' শব্দৰ শুদ্ধ সমার্থক শব্দ কোনটো
 A ৰক্ত B তেজ C ৰুধিৰ D আটাইকেইটা শুদ্ধ
83. তলৰ কোনটো শব্দৰ সমার্থক শব্দ ভুলকৈ দিয়া হৈছে
 A সোণ = স্বৰ্ণ, হেম, সূৰ্ণ B স্বামী = পতি, দৰা, কৰ্তা C অমৃত = সুধা, গীয়ুৰ, D চন্দ্র = বিভাবেৰী,
 অমিয় যামিনী, বিভাৰবী
84. 'কৃশ' শব্দটোৰ শুদ্ধ বিপৰীতার্থক শব্দ কোনটো –
 A কোমল B সৰল C স্থূল D এটাও শুদ্ধ নহয়
85. তলৰ কোনটো শব্দৰ প্রতিশব্দ ভুলকৈ দিয়া হৈছে
 A বিৰাম = অবিৰাম B উমুক্ত = অৱৰুদ্ধ C সঞ্চয় = কৃপণ D প্ৰাচ্য = প্ৰতীচ্য
86. তলৰ খণ্ডবাক্যবোৰৰ কোনটো অৰ্থৰ সৈতে শুদ্ধকৈ সজোৱা হৈছে –
 A আলৈ-বিলৈ = অতি আদৰৰ B এঙনি-জেঙনি = অনাহকত ঘৃষি ফুৰা C আটোম-টোকাৰি = ধুন D কাণ সাৰ দে =
 মাৰি ফুৰা মনোযোগ দে
87. 'টুপাই বুৰ মাৰ' – এই খণ্ডবাক্যৰ কোনটো অৰ্থ শুদ্ধ
 A একেবাৰে মিছা কথা কৈ সাৰিবলৈ যত্ন কৰা B একাণপতীয়াকৈ কৰা C অবাবত ঘৃষি ফুৰা D অকামিলা
88. তলৰ কোনটো সমাসৰ অৰ্থ ভুলকৈ দিয়া হৈছে
 A মৰণ পৰ্যন্ত = আমৰণ B নৈৰ সদৃশ = নদী C ৰূপৰ সদৃশ = অনুৰূপ D ৰোগৰ অভাৱ = নিৰোগ
89. তলৰ কোনটো শব্দই স্ত্ৰীলিঙ্গ বুজায় –
 A ৰাধানি B সখি C মঙলতি D মহীয়াসী
90. জ্ঞানপীঠ বঁটা বিজয়ী প্ৰথম অসমীয়া পুথি
 A ইয়াৰুইঙ্গম B মৃত্যুঞ্জয় C মিৰি-জীয়াৰী D ভানুমতী

Professional Knowledge

91. For each attribute of a relation, there is a set of permitted values, called the _____ of that

99. The primary key must be
- (A) Unique
 - (B) Not null
 - (C) Both Unique and Not null
 - (D) Either Unique or Not Null
100. Using which language can a user request information from a database ?
- (A) Query
 - (B) Relational
 - (C) Structural
 - (D) Compiler
101. Which one of the following clauses is an additional filter that is applied to the result?
- (A) Select
 - (B) Group-by
 - (C) Having
 - (D) Order by
102. The phrase "greater than at least one" is represented in SQL by
- (A) < all
 - (B) < some
 - (C) > all
 - (D) > some
103. Which one of the following makes the transaction permanent in the database ?
- (A) View
 - (B) Commit
 - (C) Rollback
 - (D) Flashback
104. Which one of the following consists of a sequence of query and/or update statements?
- (A) Transaction
 - (B) Commit
 - (C) Rollback
 - (D) Flashback
105. The descriptive property possessed by each entity set is
- (A) Entity
 - (B) Attribute
 - (C) Relation
 - (D) Model
106. In order to maintain transactional integrity and database consistency, what technology does a DBMS deploy?
- (A) Triggers
 - (B) Pointers
 - (C) Locks
 - (D) Cursors
107. Which of the following has "all-or-none" property ?
- (A) Atomicity
 - (B) Durability
 - (C) Isolation
 - (D) All of the above

- 108.** The database system must take special actions to ensure that transactions operate properly without interference from concurrently executing database statements. This property is referred to as
- (A) Atomicity
 - (B) Isolation
 - (C) Durability
 - (D) All of the above
- 109.** Which of the following header must be included in java program to establish database connectivity using JDBC ?
- (A) `Import java.sql.*;`
 - (B) `Import java.sql.odbc.jdbc.*;`
 - (C) `Import java.jdbc.*;`
 - (D) `Import java.sql.jdbc.*;`
- 110.** Which one of the following is not an integrity constraint?
- (A) Not Null
 - (B) Positive
 - (C) Unique
 - (D) Check 'predicate'
- 111.** The property of transaction that persists all the crashes is
- (A) Atomicity
 - (B) Durability
 - (C) Isolation
 - (D) All of the mentioned
- 112.** Which one of the following task is not done by data link layer?
- (A) Error control
 - (B) Flow control
 - (C) Framing
 - (D) Channel coding
- 113.** Which transmission media has the highest transmission speed in a network?
- (A) Coaxial cable
 - (B) Twisted pair cable
 - (C) Optical fibre
 - (D) Electrical cable
- 114.** Which address identifies a process on a host?
- (A) Physical address
 - (B) Logical address
 - (C) Port address
 - (D) Specific address
- 115.** Which layer is responsible for process to process delivery?
- (A) Network layer
 - (B) Transport layer

- (C) Session layer (D) Data link layer
- 116.** Which one of the following is true?
- (A) TCP is Connectionless but UDP is connection oriented
(B) UDP is Connectionless but TCP is connection oriented
(C) Both TCP and UDP are connection oriented
(D) Neither TCP nor UDP is connection oriented
- 117.** An endpoint of an inter-process communication flow across a computer network is called
- (A) Socket
(B) Port
(C) Pipe
(D) None of the above
- 118.** Which one of the following is one of the architecture paradigms?
- (A) Client-Server
(B) Peer-to-Peer
(C) HTTP
(D) Both (A) and (B)
- 119.** The packet of information at the application layer is called
- (A) Frame (B) Packet (C) Message (D) Segment
- 120.** The network layer concerns with
- (A) bits (B) frames (C) segments (D) packets
- 121.** The time taken by a packet to travel from client to server and then back to the client is called
- (A) STT (B) CST (C) PTT (D) RTT
- 122.** Which of the following is not a guided media?
- (A) Coaxial cable (B) Fibre optic cable
(C) Wireless LAN (D) Copper wire
- 123.** On request from a client, which of the following is provided by DHCP?
- (A) IP address (B) MAC address
(C) URL (D) Port address
- 124.** Which multiple access technique is used by IEEE 802.11 standard for wireless LAN?

- (A) ALOHA (B) Slotted ALOHA
(C) CDMA (D) CSMA/CA
125. What is the default subnet mask for a class C network?
(A) 127.0.0.1 (B) 255.0.0.0
(C) 255.255.0.0 (D) 255.255.255.0
126. Which of the following error is not relevant in the context of execution of a program?
(A) Syntax error (B) Runtime error
(C) BIOS error (D) Logical error
127. Which of the following devices forwards packets between networks by processing the routing information included in the packet?
(A) bridge
(B) firewall
(C) router
(D) All of the above
128. Which one of the following is multiple access protocol for channel access control?
(A) CSMA/CD
(B) CSMA/CA
(C) Both (A) and (B)
(D) None of the above
129. Which of the following delay is faced by a packet in traveling from one end system to another ?
(A) Propagation delay
(B) Queuing delay
(C) Transmission delay
(D) All of the above
130. https is
(A) an adaptation of the http protocol for secure communication over a computer *network*
(B) an adaptation of the http protocol *that works in a subnet*
(C) an adaptation of the http protocol *that works in synchronous networks*
(D) used only in LAN
131. WPA2 is a security technology commonly used in

- (A) Ethernet (B) bluetooth (C) firewall (D) wi-fi
132. Which one of the following is used for multicast addresses?
- (A) Class A (B) Class B (C) Class C (D) Class D
133. Which one of the following is not related to other three?
- (A) Flow chart (B) Program (C) Algorithm (D) Control bus
134. A computer program that converts a program written in assembly language to machine language is
- (A) Compiler (B) Interpreter (C) Parser (D) Assembler
135. In the following program where is the variable *a* getting defined and where it is getting declared?

```
#include<stdio.h>
int main(){
    extern int a;
    printf("%d\n", a);
    return 0;
}
int a=20;
```

- (A) *extern int a* is declaration, *int a = 20* is the definition
- (B) *int a = 20* is declaration, *extern int a* is the definition
- (C) *int a = 20* is definition, *a* is not defined
- (D) *extern int a* is declaration, *printf("%d\n", a)* is the definition
136. What will be the output of the following program?

```
#include<stdio.h>
int main(){
    static int a[20];
    int i = 0;
    a[i] = i ;
    printf("%d, %d, %d\n", a[0], a[1], i);
    return 0;
}
```

- (A) 1, 0, 1 (B) 0, 0, 0 (C) 1, 1, 1 (D) 0, 1, 0

137. When the following code is executed, how many times "System Admin" is get printed?

```
#include<stdio.h>
int main(){
    int x;
    for(x=-1; x<=10; x++){
        if(x < 5) continue;
        else break;
        printf("System Admin");
    }
    return 0;
}
```

- (A) Infinite times (B) 11 times
(C) 0 times (D) 10 times
138. What will be the output of the following program?

```
#include<stdio.h>
int fun(int i){
    i++;
    return i;
}
int main(){
    int fun(int);
    int i=3;
    fun(i=fun(fun(i)));
    printf("%d\n", i);
    return 0;
}
```

- (A) 5 (B) 4 (C) 3 (D) Error
139. IPv6 addresses have a size of

- (A) 32 bits (B) 64 bits (C) 128 bits (D) 256 bits

140. Point out the error, if any, in the *for* loop of the following program.

```
#include<stdio.h>
int main(){
    int i=1;
    for(;;){
        printf("%d\n", i++);
        if(i>10)
```

```
        break;
    }
    return 0;
}
```

- (A) There should be a condition in the *for* loop
- (B) The two semicolons should be dropped
- (C) The *for* loop should be replaced with *while* loop.
- (D) No error