CS101 GRAND QUIZ FALL 2020-21

Set No.1

1. In a general-purpose computer, a program called the _____ is permanently stored in the machine's ROM. **BOOT loader**
2. Within a transfer category which instruction is used to communicating with devices outside the CPU? **I/O instruction**
3. ___ is a short version of binary digit, a smallest unit to store data. **Bit**
4. JPEG is mostly used for_____? **Photography industry**
5. The binary search algorithm uses……. **Divide and conquer method**
6. ___ stores bits as tiny electric charge that refreshes many times a second. **DRAM**
7. Quantity associated with each position is _____ the quantity associated with the position to its right. **Twice**
8. If you want to search for an exact phrase on Google then enclose it in? **" "**
9. We have cleared off enough space for the cards but are not allowed to push additional materials back to make more room. The restriction is in **Computer applications**
10. Problem-solving phases presented by the mathematician _____ in 1945. **G. Polya**
11. Each router maintains a _____ that contains the router's knowledge about the direction in which messages should be sent. **Forwarding table**
12. The TCP/IP protocol suite is a collection of: **TCP and IP protocols only**
13. The loudness of sound varies directly with the vibrating: **Amplitude**
14. To receive a bit pattern from a controller, an instruction similar to which type of instruction is used? **Load instruction**
15. _____ refers to the address of a file (resource) accessible on the Internet. **Uniform Resource Locator (URL)**
16. The _____ resides on a computer containing hypertext documents to be accessed. **Browser**
17. User can see directories or files by using_____. **Window explorer**
18. Internet is a type of _____ **Network**
19. The _____ consists of the instructions that tell the control unit to request an activity within the arithmetic/logic unit. **Arithmetic/logic group**
20. _____connects computer over a large geographical area or world. **WAN**
21. Appearance of each pixel is encoded to form _____. **Bitmap**
22. One of the major uses of the ____ operation is for placing 0s in one part of a bit pattern while not disturbing the other part. **AND**
23. If the bit sequence 1001 0110 is subjected to a circular shift of one bit position to the left would generate **0100 1011**
24. In which type of communication several signals are transferred at the same time, each on a separate line? **Parallel Communication**

25. Binary notation is a way of representing numeric values using only the ____ **Digits 0 and 1**

Set No.2

1. The control of a loop consists of the _____ activities. **Three**
2. By using 16 bits in 2's complement notation how many maximum positive number can be represented **32768**
3. Another cause might be that the signals from the different machines are blocked from each other by objects or distance even though they can all communicate with the central AP (a condition known as the) **Hidden Terminal Problem**
4. The set of tasks that ensures the software is correctly implements a specific function is known as **Validation**
5. What does MIDI stand for? **Musical instrument digital interface**
6. www stands for _____ **World Wide Web**
7. Releasing space in the_____ can breaking the deadlock and allowing the remaining processes to continue their tasks. **Process table**
8. The computers of the _____were not very flexible or efficient. **1940s and 1950s**
9. After how long we should take the sample depends on how _____ definition sound recordings are required. **Accurate and high**
10. A clear flag state indicates that the **resource is Available**
11. We need _____ memory to store data permanently. **RAM**
12. _____ produces the output as 1 when both of the inputs are 1. **AND**
13. What does FTP stands for _____. **File Transfer Protocol**
14. ___ tag contains the information related to metadata that is not usually displayed on the webpage. **<head> </head>**
15. One is that a CPU should be designed to execute a minimal set of machine instructions. This approach is called a _____ **RISC**
16. Three-dimensional interfaces allow human users to communicate with computers by means of. **3D projection systems**
17. A negative exponent would mean to move the radix to the_____. **Left**
18. Which loop structure refers as a pretest loop? **While**
19. USB and Firewire provide several hundred_____. **Mbps**
20. CD (CD) stands for **Compact Disc**

Set No.3

1. In which type of communication several signals are transferred at the same time, each on a separate line? **Parallel**
2. Generally how many steps a machine cycle have? **Three**
3. HTML supports _____ levels of heading tags. **SIX**
4. SSDs stands for: **Solid State Disk**
5. Which of the following is true about UDP in comparison to TCP? **Less reliable but more efficient**
6. Main memory is also called _____. **RAM**
7. An algorithm is _____ and distinct from its representation. **Abstract**
8. You can search images even by giving a query of another image using Google Image _____. **Link**
9. HDTV is the abbreviation of_____? **High defined television**
10. MIME protocol is: **An extension to SMTP for Multimedia messaging support**
11. Email is less time sensitive, so the mail servers use _____ to transfer email. **TCP**
12. _____ tag is used to write paragraph in HTML document. **<p>**
13. Each router maintains a _____ that contains the router's knowledge about the direction in which messages should be sent. **Forwarding table**
14. If you want to search within the range of number, you can use: **Two Dots**
15. The _____ in the state of the process must be sufficient to determine uniquely and completely the actions required by each step. **Information**
16. _____ CPU can better cope with the ever increasing complexities. **More Complex**
17. Due to the volatility and limited size of a computer's main memory, most computers have additional memory devices called_____. **Mass storage**
18. Fetch an instruction, Decode the instruction and Execute the instruction are part of _____ **Machine cycle**
19. When applied to a list with n entries, the sequential search algorithm will interrogate an average of ------ entries **N/2**
20. A pseudocode must have a consistent, concise notation for representing recurring _____ structures. **Semantic**
21. Which kind of server work as an intermediate between the client and server. **Proxy** server The binary of 8 in 2's complement notation will be 1000, what will be the binary of -8? **1000**

Set No.4

1. The repetitive use of an instruction or sequence of instructions is an important algorithmic concept. One method of implementing such repetition is the iterative structure known as the **Loop**
2. <a> is called the _____ tag in HTML document. **Anchor**
3. The _____ divides long messages into small segments, which are transmitted over the Internet. **Transport layer**
4. Let a list Fred, Alex, Diana ,Byron ,Carol. After sorted first sublist our list would be **Alex, Fred, Diana ,Byron ,Carol**
5. _____ is a malware which gathers data about your activities on the system and forwards it to the outside party without your consent: **Spyware**
6. In binary Notation 11111111 is = **255**
7. FTP _____could check all incoming files for the presence of known viruses and block all infected files. **Proxy server**
8. _____ is a short version of binary digit, a smallest unit to store data. **Bit**
9. Who introduce the idea of storing the program in main memory? **John Von Neumann**
10. One term could be used for more than one thing. For example word "Jaguar" is used in two meanings such as: **Animal and Car**
11. Which Excess notation is used to represent 100 as Zero? **Excess 4**
12. By attaching ___ signature to a message, the sender can mark the message as being authentic **Single signature**
13. The binary of 8 in 2's complement notation will be 1000, what will be the binary of -8? **1000**
14. The bit 0 represents the value false and the bit 1 represents the value_____ **True**
15. For +ve integers, starting from zero going upward until a single zero is reached followed by all _____ **1's**
16. If the bit sequence 0001 0111 is subjected to a circular shift of one bit position to the right would generate: **1000 1011**
17. One of the major uses of the ____ operation is for placing 0s in one part of a bit pattern while not disturbing the other part. **AND**
18. _____ indicates the location of the document within the host or system file. **Directory path**
19. Data were stored in memory; programs were part of the _____. **CPU**
20. The efficiency of _____ makes it the protocol of choice for DNS lookups and VoIP. …….. **UDP**
21. Not true about pseudo code___**Pseudo code is an unambiguous representation**
22. While searching weather we will simply add : **The location with the word "Weather""**

23. Avoid searching the following: **Pressure cooker bomb story**
24. On Social media, sometimes, a particular _____is very popular. **Hash tag**
25. You might search the followings or similar thing and might get unpleasant results which might depress you. **Skin Condition**
26. Email is less time sensitive, so the mail servers use _____ to transfer email **TCP**
27. Many researchers believe that every activity of the human mind, including imagination, creativity, and decision making, is the result of ___ execution. **Algorithm**
28. P2P model based streaming approach is preferred over N-unicast because: **It supports more unicast streams than N-unicast**
29. One is that a CPU should be designed to execute a minimal set of machine instructions. This approach is called a _____ **RISC**

