


AWARD LIST

SCREENING TEST (WRITTEN)
FOR THE POST OF TRAINED GRADUATE TEACHERS (TGT) (COTNRACT)
UNIVERSITY MODEL SCHOOL, UNIVERSITY OF PESHAWAR

Dated.20.01.2023

S#	Name of applicant with parentage	Subject	Marks
1.	Rana Masal Khan D/O Mr. Masal Khan	Computer Science	37/50

7-4



37/50

**SCREENING TEST FOR THE POST OF TRAINED GRADUATE TEACHER (TGT)
IN THE SUBJECT OF COMPUTER SCIENCE AT (UPS/UMS),
UNIVERSITY OF PESHAWAR.**

Rana Masal Khan

Friday, January 20, 2023: Time Allowed One Hour

Father Name
Masal Khan

- ✓ Question 1. A step by step procedure to solve a problem is:
a) An asymptotic notation b) A Data Structure ✓ c) An Algorithm d) None of the others
- ✓ Question 2. Orientation of pages in a Word document can be:
a) Portrait b) Landscape ✓ c) Both of these d) None of these
- ✓ Question 3. Last-In First-Out (LIFO) behavior is found in
a) Queue ✓ b) Stack c) Single Linked List d) Directed Graph
- ✓ Question 4. First-In First-Out (FIFO) behavior is found in
a) Queue b) Stack c) Single Linked List d) Directed Graph
- ✓ Question 5. Which of the following is a non-linear Data Structure
a) Array b) Linked List ✓ c) Tree d) Stack
- ✓ Question 6. Which of the following is not a Data Structure?
a) Linked List ✓ b) Function c) Tree d) Array
- X Question 7. Which of the following is a static data structure?
a) Binary Tree ✓ b) Stack c) Array d) Doubly Linked List
- ✓ Question 8. Which one of the following is the largest unit of memory:
a) 1 TeraByte b) 1 GigaByte c) 1 MegaByte d) 1 KiloByte
- ✓ Question 9. Complement of function $(A+B+C)'$ using theorem and laws is
a) $(A+B)+C$ b) $(A')+B+C$ c) $A+B+C$ ✓ d) $A'B'C'$
- ✓ Question 10. Boolean algebra is defined on a set of two elements
(a) $E = \{1, 2\}$ ✓ (b) $E = \{0, 1\}$
(c) $E = \{1, 10\}$ (d) $E = \{A, B\}$
- X Question 11. In OR operation, if any of the input values is 1, the output will be
(a) 1 ✓ (b) 0
- ✓ Question 12. Hexadecimal number system is comprised of 16 digits, 0 to 9 and
(a) A to E (b) B to G
✓ (c) A to F (d) 10 to 15

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Question 13. Any Boolean function can be represented in a
a) plane b) graph c) flow chart d) truth table

Question 14. Which one of the following is the fastest type of memory?
a) Cache b) Registers c) RAM d) Hard Disk

Question 15. In Computers, the term RAM is abbreviation for _____
a) Read Access Memory b) Remote Access Memory c) Random Access Mode d) None of the others

Question 16. A user interface can be.
a. Command line interface
 b. Graphical user interface
c. Both of these
d. None of these

Question 17. The operating systems designed to serve applications that processes data in a short time without delays are called:
a. Network operating systems
b. Embedded operating systems
 c. Real time operating systems
d. Distributed operating systems

Question 18. Which type is best suited to represent the logical values:
a) int b) bool c) char d) all mentioned above

Question 19. What is the index number of the last element of an array with 9 elements?
a) 9 b) 8 c) 0 d) Programmer Defined

Question 20. Microsoft Word is _____
 a) an application software b) an operating system c) a system software d) a complex hardware

Question 21. SQL stands for
 a) Simple Query Language b) Structured Query Language c) Structured Query List d) None of the Above

Question 22. The physical arrangement of a Network is called
 a) Topology b) Packet c) Connection d) Bridge

Question 23. The method of communication in which transmission takes place in both directions, but only one direction at a time is called
 a) Simplex b) Half Duplex c) Duplex d) None of the others

Question 24. Which one of the following is a Web Browser?
a) Google b) Mozilla Firefox c) Skype d) Instagram

Question 25. Device Driver is an example of _____
a) System Software b) Application software c) Operating System d) None of the others

Question 26. A _____ is a system in which multiple computers are connected to each other to share information and resources.
a) Computer software b) Operating system c) Microprocessor d) Computer network

Question 27. To delete a letter on the left side of the insertion point which key on your keyboard needs to be pressed in MS Word.
a) the Spacebar b) the Backspace key c) the Delete key d) the Shift key

Question 28. All the mathematical and logical operations are performed by _____.
a) CU b) ALU c) Address bus d) Data bus

Question 29. A worldwide network of computers is _____.
a) CPU b) Internet c) RAM d) Network

Question 30. The file extension of MS-Word document in Office 2007 is _____.
a) .PDF b) .TXT c) .XLS d) .DOCX

Question 31. In order to tell MS-Excel that we are entering a formula in a cell, we must begin with the following operator.
a) \$ b) = c) ^ d) #

Question 32. The cell reference for cell range of B4 to J16 is _____.
a) B4:J16 b) B4!J16 c) B4.J16 d) B4;J16

Question 33. One megabytes (MB) are equal to _____ kilobytes.
a) 1000 b) 1024 c) 2048 d) 4000

Question 34. Physical part of the computer is _____.
 a) hardware b) hard drive c) disk drive d) software

Question 35. Hard disk is divided into tracks, which are further divided into _____.
a) files b) sectors c) vectors d) none of these

Question 36. A program that is written in a high-level language must be translated into _____ language before it can be executed by the computer.
a) Assembly b) High level c) C/C++ d) Machine

Question 37. Every C program consists of at least one function called _____.
a) start b) begin c) main d) None of these

Question 38. C/C++ is a case sensitive language?
 a) True b) False

- Question 39. A named location in the memory of a computer is called _____?
 a) RAM b) ROM c) data type d) variable
- Question 40. The data type "float" in C/C++ takes 4 bytes in memory?
 a) True b) False
- Question 41. Macintosh operating system is a family of operating systems developed by _____ for their computers.
 a. Microsoft b) IBM c) HP d) Apple
- Question 42. Android operating system was developed by.
 a. Microsoft b) Yahoo! C) Google d) Apple
- Question 43. Which of the following is not a logical operator?
 a) & b) && c) ! d) ||
- Question 44. An E-R diagram represents
 a) Entities b) Relationship among entities
 c) Attributes c) All of these
- Question 45. A _____ key is an attribute of a relation which is used as a primary key in the primary/master relation.
 a) Primary b) Foreign c) Candidate d) Non-Prime
- Question 46. A scoring guide use to evaluate the quality of students is known as
 a) rubrics b) checklists c) inventories d) rating scales
- Question 47. Which from the following should be used to decrease minor inappropriate behaviors of the students in the class?
 a) Praise b) Reward c) Ignorance d) Strictness
- Question 48. The importance of curriculum in the system of education is just like a-----?
 a) Constitution in a country
 b) Provision of latest knowledge
 c) Preparation of students for service
 d) None
- Question 49. Intelligence level of gifted student is-----?
 a) 110 b) 90 c) 140 and above d) None
- Question 50. Which of the following is not related to educational achievement?
 a) Practice b) Experiences c) Self-learning d) Heredity

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