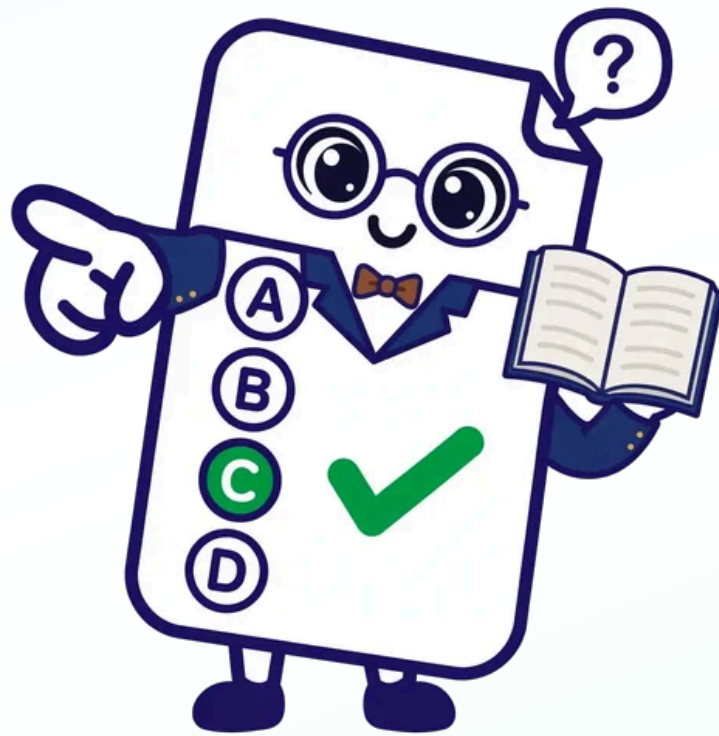




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Subject Specialist Computer Science Test Preparation Book 2026

A full model paper in the real Subject Specialist Computer Science Test pattern, with answer key



100 MCQs

Real Subject Specialist Computer Science Test subject split

Answer key + online explanations

How to use this book

1. Sit each model paper in one go, in 120 minutes, with a pen and the answer sheet of your choice.
2. Mark yourself with the answer key at the back.
3. Every answer in the key is a link. Tap it to read why that option is right on TestUstad, free.

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What is in this book

100 MCQs across one paper, each drawn in the same subject split as the real Subject Specialist Computer Science Test paper:

- Computer Science and IT: 81 MCQs per paper
- English: 5 MCQs per paper
- General Knowledge: 5 MCQs per paper
- Pakistan Studies: 4 MCQs per paper
- Pakistan Current Affairs: 3 MCQs per paper
- Islamic Studies: 2 MCQs per paper



MODEL PAPER 1 OF 1

Subject Specialist Computer Science Test

100 MCQs · 120 minutes · answer key at the back



Computer Science and IT

81 MCQs

1. A device that connects to a network without the use of cables is said to be _____?

- ☐ A Distributed
- ☐ B free
- ☐ C centralized
- ☐ D none of these

2. In Database, a relation is also known as

- ☐ A Table
- ☐ B Tuple
- ☐ C Relation
- ☐ D Attribute

3. What does DMA stand for?

- ☐ A Distinct Memory Access
- ☐ B Direct Memory Access
- ☐ C Direct Module Access
- ☐ D Direct Memory Allocation

4. _____ languages are close to humans?

- ☐ A Low level languages
- ☐ B Assembly languages
- ☐ C High level languages
- ☐ D None of these

5. Serial access memories are useful in applications where:

- ☐ A Data consists of numbers
- ☐ B Short access time is required
- ☐ C Each stored word is processed differently
- ☐ D Data naturally needs to flow in and out in serial form

6. Which of the following helps to reduce spelling error in the document?

- ☐ A Auto Format
- ☐ B Auto Correct
- ☐ C Smart Tags
- ☐ D Auto Text

7. Which OSI model layer is responsible for determining addressing in network routing?

- ☐ A network layer
- ☐ B session layer
- ☐ C transport layer
- ☐ D application layer

8. Which field listed below is the most appropriate primary key?

- ☐ A A person's last name
- ☐ B An employee salary
- ☐ C A customer's Id
- ☐ D A sale's person region

9. DMA stands for

- ☐ A Direct Module Access
- ☐ B Distinct Module Access
- ☐ C Direct Memory Access
- ☐ D Direct Memory Allocation

10. C#`#include <stdio.h>#include <limits.h> int main { unsigned short int x = USHRT_MAX; // Maximum value of unsigned short x = x + 2; printf("%d\n", x); return 0;}`What is the output of this code?

- ☐ A USHRT_MAX + 1
- ☐ B USHRT_MAX + 2
- ☐ C 0
- ☐ D 1

11. Brain also known as the first computer virus for MS-DOS was written by two brothers belonging to which among the following countries?

- ☐ A Malaysia
- ☐ B India
- ☐ C Pakistan
- ☐ D Iran

12. What is the function of CTRL+R in Microsoft Word?

- ☐ A Open the Print dialog box
- ☐ B Update the current Web page
- ☐ C Close the current window
- ☐ D None of these

13. Which of the following is a LAN protocol?

- ☐ A Application
- ☐ B TCP/IP
- ☐ C Ethernet
- ☐ D HTTP

14. The process of arranging data in a logical sequence is called

- ☐ A Summarizing
- ☐ B Sorting
- ☐ C Classifying
- ☐ D Data Capturing

15. Which of the following device uses the parallel transmission?

- ☐ A Mouse
- ☐ B Keyboard
- ☐ C Printer
- ☐ D Light Pen

16. The first computers were programmed using_____?

- ☐ A Assembly language
- ☐ B Machine language
- ☐ C Source code
- ☐ D Object code

17. Arithmetic operations are performed by_____?

- ☐ A AU
- ☐ B CU
- ☐ C ALU
- ☐ D LU

18. _____ is the shortcut key to select the entire row in Excel.

- ☐ A Alt + Space bar
- ☐ B Shift + Space bar
- ☐ C Ctrl + Space bar
- ☐ D None

19. All of the following are top-level domains except:

- (A) .edu
- (B) .org
- (C) .gov
- (D) .www

20. Which of the following is an Extension of image files?

- (A) .txt
- (B) .eps
- (C) .wav
- (D) .mid

21. Which must DRAM have to maintain electrical state?

- (A) Capacitor
- (B) Transistor
- (C) Electric current
- (D) All of these

22. `C#include <stdio.h> int main { int x = 0; int y = x-- --x; printf("x = %d, y = %d\n", x, y); return 0;}`What is the output of this code?

- (A) x = -2, y = 1
- (B) x = -1, y = 0
- (C) x = -2, y = 2
- (D) Undefined behavior

23. The unit that controls all parts of the computer is _____?

- (A) CPU
- (B) ALU
- (C) Register
- (D) None of these

24. To use your keyboard instead of the mouse to select tools on the ribbon, you display the Key Tips by pressing the _____ key?

- (A) Alt
- (B) Ctrl
- (C) Shift+Enter
- (D) Alt+Enter

25. What type of computers are client computers (most of the time) in a client-server system?

- (A) Mainframe
- (B) Mini-computer
- (C) Microcomputer
- (D) PDA

26. In 2NF, which form of dependency is removed

- (A) Functional
- (B) Partial
- (C) Associative
- (D) Transitive

27. Which technology provides a solution for PC virtualization?

- (A) Hyper-Visor
- (B) Server Clustering
- (C) Terminal Services
- (D) RAID

28. Procedural language is _____ generation language.

- (A) 1st
- (B) 2nd
- (C) 3rd
- (D) 4th

29. Which of the following keys is used to cancel an operation?

- ☐ A Arrow
- ☐ B Caps Lock
- ☐ C NUMLOCK
- ☐ D Esc

30. In Excel which key is used for format number in percentage format?

- ☐ A Ctrl+Shift+6
- ☐ B Ctrl+Shift+3
- ☐ C Ctrl+Shift+5
- ☐ D Ctrl+1

31. A small message that moves around the medium is called

- ☐ A Token
- ☐ B Data
- ☐ C Bus
- ☐ D All of these

32. It is better to use files than a DBMS when there are

- ☐ A Stringent real-time requirements
- ☐ B Complex relationships among data
- ☐ C All of these
- ☐ D Multiple users wish to access the data

33. Which register holds the contents of data or instruction read from, or written in memory?

- ☐ A Memory Buffer Register
- ☐ B Instruction Register
- ☐ C Address Register
- ☐ D Accumulator Register

34. A fault in a computer program which prevents it from working correctly is known as _____?

- ☐ A Boot
- ☐ B Bug
- ☐ C Biff
- ☐ D Strap

35. Which of the following registers is used to keep track of address of the memory location where the next instruction is located?

- ☐ A Program Counter
- ☐ B Memory Data Register
- ☐ C Instruction Register
- ☐ D Memory Address Register

36. What is the Name of the Feature that will allow you to take a step backward if you've made a mistake?

- ☐ A Redo
- ☐ B Cancel
- ☐ C Undo
- ☐ D Backspace

37. In computer networking, FTP protocol is used for

- ☐ A Transfer protocol
- ☐ B Transfer file
- ☐ C Connect to the internet
- ☐ D Check PC

38. SQL stands for

- ☐ A Structure Query Language
- ☐ B Sort Query Language
- ☐ C Self Query Language
- ☐ D Seek Query Language

39. Which of the following is not a storage medium?

- ☐ A Hard disk
- ☐ B Flash drive
- ☐ C DVD
- ☐ D scanner

40. If $i = 0$, $\text{int } j = (i++) + (++i)$ find the value of j

- ☐ A $j = 21$
- ☐ B $j = 20$
- ☐ C $j = 2$
- ☐ D $i = 23$

41. Computers manipulate data in many ways, and this manipulation is called_____?

- ☐ A upgrading
- ☐ B processing
- ☐ C batching
- ☐ D utilizing

42. When you point to a text entry in the Office Clipboard gallery in the Clipboard task pane, _____.

- ☐ A the first several characters of text in the item display as a ScreenTip
- ☐ B the text entry is deleted from the Office Clipboard gallery
- ☐ C the text entry is pasted into the document at the location of the insertion point
- ☐ D all of the above

43. Which technique uses modulation?

- ☐ A Baseband
- ☐ B Broadband
- ☐ C Bandwidth
- ☐ D Modulation

44. The TNF describes the tabular format in which

- ☐ A All the key attributes are defined
- ☐ B No repeating groups in the table
- ☐ C All attributes are dependent on the primary key
- ☐ D All of the above

45. CPU is an example of _____?

- ☐ A Software
- ☐ B A program
- ☐ C An output unit
- ☐ D Hardware

46. Compiler Is Also _____?

- ☐ A Software
- ☐ B Program
- ☐ C Code
- ☐ D All Of These

47. To minimize the all windows in desktop shortcut key is _____?

- (A) Windows+A
- (B) Windows+M
- (C) Windows+N
- (D) Windows+A

48. Background color or effects applied on a document is not visible in _____?

- (A) Reading View
- (B) Print Layout view
- (C) Web layout view
- (D) Print Preview

49. First page of Website is termed as _____?

- (A) Homepage
- (B) Index
- (C) JAVA script
- (D) Bookmark

50. No. of participating entities in a relationship is known as

- (A) Modality of relation
- (B) Cardinality of relation
- (C) Degree of Relation
- (D) None of these

51. Which part of the computer controls all operations of the system?

- (A) Cooling system
- (B) Power supply
- (C) Register
- (D) Control unit

52. Pseudo code is similar to _____?

- (A) Machine language
- (B) Simple English
- (C) Scientific language
- (D) All of these

53. For which word would you Western a request sound based rather?

- (A) Mobile Device
- (B) Personal Computer
- (C) Mainframe Computer
- (D) PDA

54. What is the shortcut key for "Increase Font Size" the selected text?

- (A) Ctrl + Shift + <
- (B) Ctrl + Shift + >
- (C) Ctrl + I
- (D) None of these

55. The internet was originally a project of which agency?

- (A) ARPANET
- (B) NSFNET
- (C) NASA
- (D) ISO

56. A factor to consider when choosing a file organization is

- (A) Fast Data Retrieval
- (B) Security
- (C) Efficient Storage
- (D) All of these

57. Which is not a kind of register?

- (A) Flag
- (B) Segment
- (C) Accumulator
- (D) Math coprocessor

58. How many keywords are present in C?

- (A) 34
- (B) 62
- (C) 39
- (D) 32

59. What is RAM?

- (A) Random Access Memory
- (B) Read Access Memory
- (C) Read All Memory
- (D) None of the above

60. When three hyphens, underscores, equal signs, asterisks, or number signs are typed and then the enter key is pressed, the Auto Format feature _____.

- (A) places a border above a paragraph
- (B) creates a numbered list
- (C) changes the characters to an em dash
- (D) creates a bulleted list

61. Which protocol is used to send and receive email on the internet?

- (A) Simple Mail Transfer Protocol (SMTP)
- (B) Simple Mail Terminal Protocol
- (C) Simple Mail Transition Protocol
- (D) Simple Mail Transport Protocol

62. The fundamental concept of relation database is

- (A) Query
- (B) Table
- (C) Form
- (D) Report

63. Which one is a signal?

- (A) I/O handling
- (B) DMA
- (C) Memory
- (D) 4

64. Which of the following cannot be included in variable and constant names in most programming languages?

- (A) Numbers
- (B) Underscore (_)
- (C) Letters
- (D) Period (.)

65. RAM is best described as which type of memory?

- (A) Permanent storage
- (B) Volatile memory
- (C) Read-only memory
- (D) Optical storage

66. A word processor would most likely be used to do_____?

- ☐ A Type a biography
- ☐ B Maintain an inventory
- ☐ C Do a computer search in media center
- ☐ D Keep an account of money spent

67. What type of port is the external modem connected to?

- ☐ A Serial port
- ☐ B Parallel port
- ☐ C (c) Both (a) and (b)
- ☐ D USB port

68. DBMS stands for

- ☐ A Database management system
- ☐ B Database model system
- ☐ C Distant base model system
- ☐ D Digital bus model system

69. DVD Stands For:_____?

- ☐ A Digital Versatile Disk
- ☐ B Digital Versatile Drive
- ☐ C Digital volume disk
- ☐ D Digital Video drive

70. Which of the following is the correct way to declare a floating-point variable in C++?

- ☐ A float age = 22.5;
- ☐ B int age = 22.5;
- ☐ C double price = 10.99;
- ☐ D All of the above

71. What is "Rendering" in video editing?

- ☐ A Splitting Clips Into Several Parts
- ☐ B Combining Clips
- ☐ C Putting Effects Into Clips
- ☐ D Final Step Of Video Production

72. PowerPoint can display data from which of the following add-in software of MS- Office?

- ☐ A Equation editor
- ☐ B Organization chart
- ☐ C Photo album
- ☐ D All of these

73. The layer that is responsible for flow control and ensuring messages are delivered without error free is called

- ☐ A Application
- ☐ B Session
- ☐ C Physical
- ☐ D Transport

74. In which of the following normal forms, any repeating group from the table is removed

- ☐ A TNF
- ☐ B 2NF
- ☐ C 3NF
- ☐ D 4NF

75. The hardware parts of computer are _____?

- ☐ A Firmware components
- ☐ B Physical components
- ☐ C Logical components
- ☐ D All of these

76. How many types of constants are there?

- ☐ A 4
- ☐ B 1
- ☐ C 5

77. Which of the following is the smallest storage?

- ☐ A Megabyte
- ☐ B Gigabyte
- ☐ C Terabyte
- ☐ D None of these

78. Ctrl + Backspace" is used in Microsoft Word to _____?

- ☐ A Delete the single letter just before the cursor
- ☐ B Delete the single letter just after the cursor
- ☐ C Delete the word just before the cursor
- ☐ D Delete the word just after the cursor

79. The physical layer is concerned with:

- ☐ A bit by bit delivery
- ☐ B process to process delivery
- ☐ C application to application delivery
- ☐ D port to port delivery

80. Which of the following are the properties of the relation?

- ☐ A Each attribute has a unique name
- ☐ B No two rows in a relation are Identical
- ☐ C There are no multivalued attributes in a relation
- ☐ D All of the above

81. Which memory is used to increase the processing speed of a computer?

- ☐ A RAM (Random Access Memory)
- ☐ B ROM (Read-Only Memory)
- ☐ C Cache memory
- ☐ D Hard disk



English

5 MCQs

82. Identify the word or phrase that needs to be changed for the sentence to be correct: I have visited them a couple of times during my stay in Mexico.

- ☐ A Have
- ☐ B Couple
- ☐ C Of
- ☐ D Stay

83. Select the NEAREST CORRECT MEANING of the given word. HIATUS

- (A) Lull (B) Longing
(C) Heretical (D) Veneration

84. In each of the following question, four alternative sentences are given. Choose the CORRECT one and fill the Circle corresponding to that letter in the MCQ Response Form.

- (A) E-mail is a relatively new mean of communication.
(B) E-mail is a relatively new means of communication.
(C) E-mail is a relatively new mean to communication.
(D) E-mail is a relatively new means to communication.

85. The younger sister hopes to emulate her elder sister's sporting achievement as she is putting up hectic effort.

- (A) To (B) Sister's
(C) Achievement (D) Up

86. Choose the correct option:

- (A) Hand up the answer sheet to me.
(B) Hand over the answer sheet to me.
(C) Hand down the answer sheet to me.
(D) Hand for the answer sheet to me.



General Knowledge

5 MCQs

87. The African Union is a continental union consisting of _____ countries of the continent of Africa.

- (A) 50 (B) 55
(C) 60 (D) 65

88. Who was the author of 'My Indian Years'?

- (A) Lord Curzon (B) Lord Harding
(C) Lord Mountbatten (D) None

89. SAPA is the news agency of _____?

- (A) South Africa (B) Sweden
(C) Ukraine (D) Finland

90. Mice Pence is the _____ Vice President of America?

- (A) 40th (B) 44th
(C) 48th (D) 49th

91. The ICC test Championship mace was given to Pakistan on _____?

- (A) 22 August 2016
- (B) 21 September 2016
- (C) 15 October 2016
- (D) 11 November 2016



Pakistan Studies

4 MCQs

92. When did Liaquat Ali Khan visit USA?

- (A) 1948
- (B) 1949
- (C) 1950
- (D) 1952

93. Which city of the Sindh is popular for woodwork industry ?

- (A) Thattha
- (B) Kotri
- (C) Hala
- (D) Larkana

94. Who was the Caretaker Prime Minister of Pakistan in 2018?

- (A) Justice (retired) Nasirul Mulk
- (B) Maleeha Lodhi
- (C) former chief justice Tassaduq Hussain Jilani
- (D) None of them

95. What was the idea of Sir Syed Ahmed Khan?

- (A) To create an atmosphere of mutual understanding between the British government and the Muslims
- (B) To motivate the Muslims to learn Western education
- (C) To persuade Muslims to abstain from agitational politics
- (D) All of these



Pakistan Current Affairs

3 MCQs

96. SC has banned the TV show of which anchorperson for three months on 20 March 2018?

- (A) Aamir Liaquat
- (B) Dr Shahid Masood
- (C) Kashif Abbasi
- (D) Kamran Khan

97. What is the name of Pakistan's first indigenous Electro-Optical satellite?

- (A) PRSC-EO1
- (B) Suparco-1
- (C) PakSat-1
- (D) JinnahSat

98. Who is the Current Chief Commissioner for Aghan refugees?

- ☐ A Dr Imran Zeb ☐ B Prevez Khattak
☐ C Ayesha farroqi ☐ D Saad ullah



Islamic Studies

2 MCQs

99. The Tasbeeh of Subhana Rabi-al-Azeem is recited in?

- ☐ A Sajda ☐ B Rakuh
☐ C Qaada ☐ D All of them

100. Arbeen is the book of Hadith in which there are _____ Hadith?

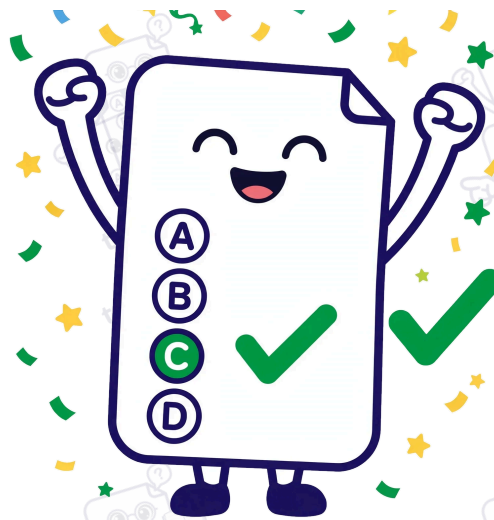
- ☐ A 40 Hadith ☐ B 50 Hadith
☐ C 20 Hadith ☐ D 30 Hadith

Answer key

Tap any answer to open its full explanation on TestUstad.

Model Paper 1

1	D	2	A	3	B	4	C	5	D	6	B	7	A	8	C	9	C	10	C
11	C	12	D	13	C	14	B	15	C	16	B	17	C	18	B	19	D	20	B
21	A	22	D	23	A	24	A	25	C	26	B	27	A	28	C	29	D	30	C
31	B	32	C	33	A	34	B	35	A	36	C	37	B	38	A	39	D	40	C
41	B	42	A	43	D	44	D	45	D	46	B	47	B	48	D	49	A	50	C
51	D	52	B	53	A	54	B	55	A	56	D	57	B	58	D	59	A	60	A
61	A	62	B	63	D	64	D	65	B	66	A	67	D	68	A	69	A	70	D
71	D	72	D	73	D	74	B	75	B	76	A	77	A	78	C	79	A	80	D
81	C	82	A	83	A	84	B	85	D	86	B	87	B	88	B	89	A	90	C
91	B	92	C	93	C	94	A	95	D	96	B	97	A	98	A	99	B	100	A



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