

Roll No.-----

Paper Code		
3	8	3
(To be filled in the OMR Sheet)		

प्रश्नपुस्तिका क्रमांक
Question Booklet No.

O.M.R. Serial No.

--	--	--	--	--	--	--	--

प्रश्नपुस्तिका सीरीज
Question Booklet Series
D

B.Ed.-First Year (Second Semester) Examination, July-2022
(B.Ed.202)

Pedagogy of Computer Science

Time : 1:30 Hours

Maximum Marks-80

जब तक कहा न जाय, इस प्रश्नपुस्तिका को न खोलें

- निर्देश : -
1. परीक्षार्थी अपने अनुक्रमांक, विषय एवं प्रश्नपुस्तिका की सीरीज का विवरण यथास्थान सही- सही भरें, अन्यथा मूल्यांकन में किसी भी प्रकार की विसंगति की दशा में उसकी जिम्मेदारी स्वयं परीक्षार्थी की होगी।
 2. इस प्रश्नपुस्तिका में 100 प्रश्न हैं, जिनमें से केवल 75 प्रश्नों के उत्तर परीक्षार्थियों द्वारा दिये जाने हैं। प्रत्येक प्रश्न के चार वैकल्पिक उत्तर प्रश्न के नीचे दिये गये हैं। इन चारों में से केवल एक ही उत्तर सही है। जिस उत्तर को आप सही या सबसे उचित समझते हैं, अपने उत्तर पत्रक (O.M.R. ANSWER SHEET) में उसके अक्षर वाले वृत्त को काले या नीले बाल प्वाइंट पेन से पूरा भर दें। यदि किसी परीक्षार्थी द्वारा किसी प्रश्न का एक से अधिक उत्तर दिया जाता है, तो उसे गलत उत्तर माना जायेगा।
 3. प्रत्येक प्रश्न के अंक समान हैं। आप के जितने उत्तर सही होंगे, उन्हीं के अनुसार अंक प्रदान किये जायेंगे।
 4. सभी उत्तर केवल ओ०एम०आर० उत्तर पत्रक (O.M.R. ANSWER SHEET) पर ही दिये जाने हैं। उत्तर पत्रक में निर्धारित स्थान के अलावा अन्यत्र कहीं पर दिया गया उत्तर मान्य नहीं होगा।
 5. ओ०एम०आर० उत्तर पत्रक (O.M.R. ANSWER SHEET) पर कुछ भी लिखने से पूर्व उसमें दिये गये सभी अनुदेशों को सावधानीपूर्वक पढ़ लिया जाय।
 6. परीक्षा समाप्ति के उपरान्त परीक्षार्थी कक्ष निरीक्षक को अपनी ओ०एम०आर० शीट उपलब्ध कराने के बाद ही परीक्षा कक्ष से प्रस्थान करें।
 7. निगेटिव मार्किंग नहीं है।
- महत्वपूर्ण : - प्रश्नपुस्तिका खोलने पर प्रथमतः जाँच कर देख लें कि प्रश्नपुस्तिका के सभी पृष्ठ भलीभाँति छपे हुए हैं। यदि प्रश्नपुस्तिका में कोई कमी हो, तो कक्ष निरीक्षक को दिखाकर उसी सीरीज की दूसरी प्रश्नपुस्तिका प्राप्त कर लें।

K-383

1. Which of the following registers is loaded with the contents of the memory location pointed by the PC?
 - (A) Memory Address Register
 - (B) Memory Data Register
 - (C) Instruction Register
 - (D) Program Counter
2. A compiler means:
 - (A) A person who compiles source programs
 - (B) The same thing as a programmer
 - (C) Keypunch operator
 - (D) A program which translates a source program into an object program
3. A language that is close to used within the computer is:
 - (A) High-level language
 - (B) Assembly language
 - (C) Low-level language
 - (D) All of the above
4. The complete picture of data stored in a database is known as:
 - (A) Record
 - (B) Schema
 - (C) System flowchart
 - (D) DBMS
5. The symbols used in an assembly language are:
 - (A) Codes
 - (B) Mnemonics
 - (C) Assembler
 - (D) All of the above

6. A program that performs a useful task while simultaneously allowing destructive acts is:
- (A) Worm
 - (B) Trojan Horse
 - (C) Virus
 - (D) Macro Virus
7. Memory in which any location can be reached in a fixed and short amount of time after specifying its address is called:
- (A) Sequential access memory
 - (B) Random access memory
 - (C) Secondary memory
 - (D) Mass storage
8. Protocols are:
- (A) Sets of rules
 - (B) Sets of maps
 - (C) Sets of computers
 - (D) Sets of product
9. What does FTP stand for?
- (A) File Transfer Protocol
 - (B) File Transfer Program
 - (C) File Thread Protocol
 - (D) File Thread Program
10. In processing cheques which of the following I/O techniques have banks traditionally followed?
- (A) OCR (Optical Character Recognition)
 - (B) MICR (Magnetic Ink Character Recognition)
 - (C) Barcode
 - (D) VRT (Volume Rendering Technique)

11. Which of the following can't spread the virus:
 - (A) An e-mail with an attachment
 - (B) A plain text mail
 - (C) Downloading files over the web
 - (D) None of these
12. In a network, the computer that stores the files and processes the data is named as:
 - (A) Server
 - (B) Terminal
 - (C) Modem
 - (D) All of these
13. The ability of an operating system to control the activities of multiple programs at the same time is called_____
 - (A) Multi-tasking
 - (B) Multi-processing
 - (C) Multi-operating
 - (D) Multi-paging
14. The MS-DOS operating system is a_____
 - (A) Graphical user interface, single-tasking operating system
 - (B) Graphical user interface, multi-tasking operating system
 - (C) Command-driven interface, single-tasking operating system
 - (D) Command-driven interface, multi-tasking operating system
15. Hardware includes_____
 - (A) All devices used to input data into a computer
 - (B) Sets of instructions that a computer runs or executes
 - (C) The computer and all the devices connected to it that are used to input and output data
 - (D) All devices involved in processing information including the central processing unit, memory and storage

16. Firewalls are used to protect against _____.
- (A) Unauthorized Access
 - (B) Virus Attacks
 - (C) Data-Driven Attacks
 - (D) Fire Attacks
17. A self-replicating program, similar to a virus which was taken from a 1970s science fiction novel by John Bruner entitled the Shockwave Rider is _____.
- (A) Bug
 - (B) Vice
 - (C) Lice
 - (D) Worm
18. What is considered the 'backbone' of the World Wide Web?
- (A) Uniform resource locator (URL)
 - (B) Hypertext mark-up language (HTML)
 - (C) Hypertext transfer protocol (HTTP)
 - (D) File transfer protocol (FTP)
19. Which of the following would most likely NOT be a symptom of a virus?
- (A) Existing program files and icons disappear
 - (B) The CD-ROM stops functioning
 - (C) The Web browser opens to an unusual home page
 - (D) Odd messages or images are displayed on the screen
20. Linux is a(n) _____ operating system.
- (A) Open-source
 - (B) Microsoft
 - (C) Windows
 - (D) Mac

21. Two or more computers connected to each other to share information from a _____.
- (A) Server
 - (B) Router
 - (C) Network
 - (D) Tunnel
22. _____ is the process of finding errors in software code.
- (A) Compiling
 - (B) Testing
 - (C) Running
 - (D) Debugging
23. What is Cache RAM?
- (A) Extra memory used for overflow from your Hard Disk
 - (B) A place to store secret information like passwords
 - (C) Its the same as your Hard Disk Drive
 - (D) Fast memory used for data that is accessed often
24. An optical input device that interprets pencil marks on paper media is:
- (A) Magnetic tape
 - (B) Optical scanners
 - (C) Punch card reader
 - (D) O.M.R.
25. CPU controls _____.
- (A) All Input, Output and processing
 - (B) Controls Memory
 - (C) Controlled by the input data
 - (D) None of the above

26. What does the Portable program mean?
- (A) Independent from its authors
 - (B) Independent of platform
 - (C) Program with wheels
 - (D) None of the above
27. DNS in internet technology stands for:
- (A) Distributed Name System
 - (B) Data Name System
 - (C) Dynamic Name System
 - (D) Domain Name System
28. Which of the following is the product of data processing?
- (A) Information
 - (B) Data
 - (C) Software Program
 - (D) System
29. A list of instructions used by a computer is called:
- (A) Text
 - (B) CPU
 - (C) Program
 - (D) Output
30. Which of the following is true about primary storage?
- (A) It is a part of the CPU
 - (B) It allows very fast access to data
 - (C) It is relatively more expensive
 - (D) All of the above

31. In a client/server model, a client program _____.
- (A) Asks for information
 - (B) Provides information and files
 - (C) Serves software files to other computers
 - (D) Distributes data files to other computers
32. _____ is the high speed memory used in the computer.
- (A) RAM
 - (B) Hard Disk
 - (C) Cache
 - (D) BIOS
33. Internet Explorer is a type of:
- (A) Operating System
 - (B) Browser
 - (C) IP address
 - (D) Compiler
34. The file extension of MS-Word document in Office 2007 is _____.
- (A) .doc
 - (B) .docx
 - (C) .pdf
 - (D) .txt
35. The most advanced form of ROM is?
- (A) PROM
 - (B) RAM
 - (C) EEPROM
 - (D) Cache Memory

36. ROM is needed for storing an initial program called _____.
- (A) Computer Startup Loader
 - (B) OS Version
 - (C) Kernel
 - (D) Bootstrap Loader
37. Which memory is nonvolatile and may be written only once?
- (A) RAM
 - (B) EEPROM
 - (C) EPROM
 - (D) PROM
38. The operating system manages:
- (A) Memory
 - (B) Processor
 - (C) Disk and I/O Devices
 - (D) All of the above
39. RAM chips:
- (A) Allow the computer to store data electronically
 - (B) Store data indefinitely unless you delete it
 - (C) Are secondary memory
 - (D) All of the above
40. Operating System is the most common type of _____ software.
- (A) Communication
 - (B) Application
 - (C) System
 - (D) Word Processing Software

41. Which network protocol is used to send E-mail?
- (A) FTP
 - (B) SSH
 - (C) POP3
 - (D) SMTP
42. Which one of the following is not an application software package?
- (A) Red Hat Linux
 - (B) Microsoft Office
 - (C) Adobe Pagemaker
 - (D) Open Office
43. Time during which a job is processed by the computer is:
- (A) Execution Time
 - (B) Delay Time
 - (C) Real Time
 - (D) Waiting Time
44. Which of the following memory is non-volatile?
- (A) SRAM
 - (B) DRAM
 - (C) ROM
 - (D) All of the above
45. Microprocessor was introduced in which generation of computer?
- (A) Second Generation
 - (B) Fourth Generation
 - (C) Both (A) and (B)
 - (D) Third Generation

46. Which one is not an input device?
- (A) Keyboard
 - (B) Mouse
 - (C) Speaker
 - (D) Scanner
47. Fifth-generation computers are based on:
- (A) Artificial Intelligence
 - (B) Programming Intelligence
 - (C) System Knowledge
 - (D) VVLSI
48. In how many generations a computer can be classified?
- (A) 3
 - (B) 4
 - (C) 5
 - (D) 6
49. Which protocol provides an e-mail facility among different hosts?
- (A) FTP
 - (B) SMTP
 - (C) TELNET
 - (D) SNMP
50. A light-sensitive device that converts drawing, printed text, or other images into digital form is:
- (A) Keyboard
 - (B) Plotter
 - (C) Scanner
 - (D) OMR

51. Eight Bits make up a:
- (A) Byte
 - (B) Megabyte
 - (C) Kilobyte
 - (D) None
52. Arrange in ascending order the units of memory TB, KB, GB, MB:
- (A) TB>MB>GB>KB
 - (B) MB>GB>TB>KB
 - (C) TB>GB>MB>KB
 - (D) GB>MB>KB>TB
53. Computer Monitor is also known as:
- (A) DVU
 - (B) UVD
 - (C) VDU
 - (D) CCTV
54. A collection of interrelated records is called a:
- (A) Utility file
 - (B) Database
 - (C) Datasheet
 - (D) Spreadsheet
55. Removing and replacing devices without turning off your computer is referred to as:
- (A) Hot swapping
 - (B) Bay swap
 - (C) USB swapping
 - (D) Plug-n-play

56. Junk e-mail is also called:
- (A) Spool
 - (B) Spam
 - (C) Spoof
 - (D) Crap
57. File extension is used:
- (A) To identify file
 - (B) To identify file type
 - (C) For naming file
 - (D) To make items complex
58. Files deleted from hard-disc are sent to:
- (A) Clipboard
 - (B) Dustbin
 - (C) Floppy disk
 - (D) Recycle bin
59. Which of the following is not an example of hardware?
- (A) Scanner
 - (B) Printer
 - (C) Monitor
 - (D) Interpreter
60. A word processor is used for:
- (A) Write text
 - (B) Edit text
 - (C) Print text
 - (D) All of these

61. Communications bandwidth that has the highest capacity and is used by microwave, cable and fibre optics lines is known as:
- (A) Bus width
 - (B) Hyper-link
 - (C) Broadband
 - (D) Carrier wave
62. “Dpi” stands for:
- (A) Dots per inch
 - (B) Digits per unit
 - (C) Dots pixel inch
 - (D) Diagrams per inch
63. Which of the following is not the characteristic of a computer?
- (A) Computer cannot think at its own
 - (B) Computer is an electrical machine
 - (C) Computer processes information error free
 - (D) Computer can hold data for any length of time
64. The basic architecture of the computer was developed by:
- (A) John Von Neumann
 - (B) Charles Babbage
 - (C) Blaise Pascal
 - (D) Garden Moore
65. One way to make a PowerPoint slide display animations is to:
- (A) Select the slide in normal view; and click Format, Animation
 - (B) Click the PowerPoint window and move it around vigorously with the mouse for a manual animation effect
 - (C) Select the slide in slide sorter view, right-click and choose preset animations from the shortcut menu
 - (D) PowerPoint does not have an animation feature

66. What does ASCII stand for?
- (A) Array of Simple Character Iteration Indices
 - (B) Another Stupid Character Identification Idea
 - (C) Alternate Source Code Image Improvement
 - (D) American Standard Code for Information Interchange
67. Which country proposed the 'Social Media (Basic Expectations and Defamation) Bill 2021'?
- (A) USA
 - (B) Australia
 - (C) China
 - (D) India
68. A set of rules that governs data communication:
- (A) Standards
 - (B) RFCs
 - (C) Protocols
 - (D) None of these
69. Who founded Facebook?
- (A) Mark Zuckerberg
 - (B) Matt Mullenweg
 - (C) Bill Gates
 - (D) Steve Chen
70. Social Network sites use which media for communication?
- (A) Text
 - (B) Video
 - (C) Audio
 - (D) All of the these

71. The abbreviation of FTP?
- (A) File transfer protocol
 - (B) File transmission protocol
 - (C) File transfer program
 - (D) File transfer protection
72. Which is called the main page of a website?
- (A) Browser page
 - (B) Home page
 - (C) Bookmark
 - (D) Search page
73. Which term is used for creating of web pages?
- (A) HTML
 - (B) FTP
 - (C) URL
 - (D) HTTP
74. Wi-Fi stand for _____.
- (A) Wireless function
 - (B) Wireless fidelity
 - (C) Wireless functioning
 - (D) None of above
75. Social networks are organized primarily _____.
- (A) Brands
 - (B) People
 - (C) Discussions
 - (D) Interests

76. Barcodes store information using:
- (A) Thick and thin lines
 - (B) Punched holes
 - (C) Dots
 - (D) All of the above
77. Internet is:
- (A) A worldwide interconnected network of computers which use a common protocol to communicate with one another
 - (B) A worldwide network of computers
 - (C) An interconnected network of computers
 - (D) A local computer network
78. Sending an E-mail is similar to:
- (A) Sending a package
 - (B) Talking on the phone
 - (C) Writing a letter
 - (D) Drawing a picture
79. Mention the name of the OER portal that supports the international community of educators, learners, and researchers:
- (A) Dgroups.org
 - (B) ePathshala
 - (C) ePGPathshala
 - (D) MERLOT
80. Which search engine is commonly used to find, locate and retrieve OER?
- (A) Bing
 - (B) Google
 - (C) Yahoo!
 - (D) None of the above

81. What is/are the main barrier(s) in using the Open Educational Resources (OER)?
- (A) Lack of time
 - (B) Lack of awareness
 - (C) Low internet connectivity
 - (D) All of the above
82. ICT stands for:
- (A) Information and computer technology
 - (B) Innovation and computer technology
 - (C) Information and communication technology
 - (D) Instruction and communication technology
83. CAI Stands for:
- (A) Computer Analysed Instruction
 - (B) Computer-Assisted Instruction
 - (C) Computer-Assisted Interview
 - (D) Computer Analysed Interview
84. Who defined Teaching as a system of actions intended to produce learning?
- (A) N.L. Gage
 - (B) John Brubacher
 - (C) B.O. Smith
 - (D) Clarke
85. Distinct approaches to educational technology do not include:
- (A) Hardware approach
 - (B) Software approach
 - (C) System approach
 - (D) Philosophical approach

86. Why computer-assisted learning is beneficial for teachers?
- (A) It helps them to evaluate their own performance
 - (B) It helps them to convey vast information
 - (C) It helps them to save time
 - (D) Both (B) and (C)
87. USB stands for:
- (A) United Serial Bus
 - (B) Universal Serial By-Pass
 - (C) Universal System Bus
 - (D) Universal Serial Bus
88. WWW stands for:
- (A) World Wide Web
 - (B) Web World Web
 - (C) World Wide Weblink
 - (D) Wide World Web
89. Web address is also called a _____.
- (A) LRU
 - (B) URL
 - (C) LUR
 - (D) ULR
90. Which protocol is used to transmit information on the World Wide Web:
- (A) HTPP
 - (B) HPPT
 - (C) HTTTP
 - (D) HTTP

91. The internet also known simply as:
- (A) NAT
 - (B) NOT
 - (C) NET
 - (D) NFT
92. It is a software program designed to record ('log') every keystroke on the machine on which it runs:
- (A) Key logger
 - (B) Worm
 - (C) Virus
 - (D) Cracker
93. Which file contents are readymade styles that can be used for a word document?
- (A) Presentation
 - (B) Letters
 - (C) Magic wands
 - (D) Templates
94. What do you need to put your web pages on the WWW?
- (A) A connection to the internet
 - (B) A web browser
 - (C) A web server
 - (D) All of The Above
95. What happens when you press Ctrl + V Key?
- (A) A Capital V letter is typed into your document at the cursor point
 - (B) The selected item is pasted to the clipboard
 - (C) The selected item is pasted from the clipboard
 - (D) The selected drawing objects are distributed vertically on the page

96. Which command is used to quit PowerPoint:
- (A) Alt + Shift + F4
 - (B) Alt + F4
 - (C) F4
 - (D) Either (A) or (B)
97. You can keep your personal files/folders in:
- (A) My Documents
 - (B) My Files
 - (C) My Text
 - (D) None of The Above
98. Microsoft Word, Microsoft Excel, and Microsoft PowerPoint are the part of:
- (A) Microsoft Office Suite
 - (B) Microsoft Windows
 - (C) Mac OS X
 - (D) None of these
99. You can replace the text _____.
- (A) Ctrl + H
 - (B) Ctrl + R
 - (C) Replace from the edit menu
 - (D) Both (A) and (C)
100. Ctrl + I is used to:
- (A) Italic
 - (B) Left Indent
 - (C) Save Document
 - (D) Close Document

Rough Work / रफ कार्य

DO NOT OPEN THE QUESTION BOOKLET UNTIL ASKED TO DO SO

1. Examinee should enter his / her roll number, subject and Question Booklet Series correctly in the O.M.R. sheet, the examinee will be responsible for the error he / she has made.
 2. **This Question Booklet contains 100 questions, out of which only 75 Question are to be Answered by the examinee. Every question has 4 options and only one of them is correct. The answer which seems correct to you, darken that option number in your Answer Booklet (O.M.R ANSWER SHEET) completely with black or blue ball point pen. If any examinee will mark more than one answer of a particular question, then the answer will be marked as wrong.**
 3. Every question has same marks. Every question you attempt correctly, marks will be given according to that.
 4. Every answer should be marked only on Answer Booklet (O.M.R ANSWER SHEET). Answer marked anywhere else other than the determined place will not be considered valid.
 5. Please read all the instructions carefully before attempting anything on Answer Booklet (O.M.R ANSWER SHEET).
 6. After completion of examination, please hand over the O.M.R. SHEET to the Examiner before leaving the examination room.
 7. There is no negative marking.
- Note:** On opening the question booklet, first check that all the pages of the question booklet are printed properly in case there is an issue please ask the examiner to change the booklet of same series and get another one.