Book For
Railway Recruitment Board

Computer Software

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<table>
<thead>
<tr>
<th>Q. 1</th>
<th>The operating system is the most common type of ...... software.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] communication</td>
</tr>
<tr>
<td></td>
<td>[B] application</td>
</tr>
<tr>
<td></td>
<td>[C] system</td>
</tr>
<tr>
<td></td>
<td>[D] word-processing</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [C]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Q. 2</th>
<th>......... are words that a programming language has set aside for its own use.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] Control words</td>
</tr>
<tr>
<td></td>
<td>[B] Control structures</td>
</tr>
<tr>
<td></td>
<td>[C] Reserved words</td>
</tr>
<tr>
<td></td>
<td>[D] Reserved keys</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [C]</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Q. 3</th>
<th>The language used for development of various games is</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] C</td>
</tr>
<tr>
<td></td>
<td>[B] C++</td>
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<tr>
<td></td>
<td>[C] Java</td>
</tr>
<tr>
<td></td>
<td>[D] SQL</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [C]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Q. 4</th>
<th>A(n) ..... program is one that is ready to run and does not need to be altered in any way.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] interpreter</td>
</tr>
<tr>
<td></td>
<td>[B] high-level</td>
</tr>
<tr>
<td></td>
<td>[C] compiler</td>
</tr>
<tr>
<td></td>
<td>[D] executable</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [D]</td>
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</tbody>
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<thead>
<tr>
<th>Q. 5</th>
<th>LISP is designed for</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>[A] artificial intelligence</td>
</tr>
<tr>
<td></td>
<td>[B] GUI</td>
</tr>
<tr>
<td></td>
<td>[C] CUI</td>
</tr>
<tr>
<td></td>
<td>[D] optical fiber</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [A]</td>
</tr>
</tbody>
</table>
Q. 6  
A factor in the selection of a source language is  
[A] programmer skill  
[B] language availability  
[C] program compatibility with other software  
[D] All of the above  

Answer Option [C]

Q. 7  
Which among the following is/are interpreted language?  
[A] C  
[B] C++  
[C] Java  
[D] Both ‘3’ and ‘4’  

Answer Option [D]

Q. 8  
Which of the following is not true about an assembler?  
[A] Translates instructions of assembly language in machine language  
[B] It translates the C program  
[C] It is involved in program’s execution  
[D] It is a translating program  

Answer Option [B]

Q. 9  
How many types of programming language are there?  
[A] One  
[B] Two  
[C] Three  
[D] Five  

Answer Option [B]

Q. 10  
Assembly language  
[A] uses alphabetic codes in place of binary numbers used in machine language  
[B] is the easiest language to write programs  
[C] need not be translated into machine language  
[D] All of the above  

Answer Option [A]
| Q. 11 | Programs designed to perform specific tasks related to managing computer resources are called  
^[A] system software  
^[B] operating system  
^[C] utility software  
^[D] application software  
Answer | Option [D] |
|---|---|
| Q. 12 | Which language is CPU dependent?  
^[A] C  
^[B] Assembly  
^[C] Java  
^[D] All except Java  
Answer | Option [D] |
| Q. 13 | FORTRAN stands for  
^[A] Formal Translation  
^[B] Formative Translation  
^[C] Formal Transaction  
^[D] Formula Translation  
Answer | Option [D] |
| Q. 14 | An assembler is a  
^[A] programming language dependent  
^[B] syntax dependent  
^[C] machine dependent  
^[D] data dependent  
Answer | Option [C] |
| Q. 15 | What does CO stands in COBOL?  
^[A] Common object  
^[B] Common  
^[C] Common operating  
^[D] Computer Oriented  
Answer | Option [B] |
<table>
<thead>
<tr>
<th>Q. 16</th>
<th>Main application area of ALGOL is</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] general</td>
</tr>
<tr>
<td></td>
<td>[B] scientific</td>
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<td></td>
<td>[C] engineering</td>
</tr>
<tr>
<td></td>
<td>[D] commercial</td>
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<tr>
<td>Answer</td>
<td>Option [B]</td>
</tr>
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<thead>
<tr>
<th>Q. 17</th>
<th>Which of the following system software resides in main memory always?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] Text editor</td>
</tr>
<tr>
<td></td>
<td>[B] Assembler</td>
</tr>
<tr>
<td></td>
<td>[C] Linker</td>
</tr>
<tr>
<td></td>
<td>[D] Loader</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [D]</td>
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</tbody>
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<thead>
<tr>
<th>Q. 18</th>
<th>Computer language used on internet is</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] PASCAL</td>
</tr>
<tr>
<td></td>
<td>[B] Java</td>
</tr>
<tr>
<td></td>
<td>[C] BASIC</td>
</tr>
<tr>
<td></td>
<td>[D] LOGO</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [B]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Q. 19</th>
<th>A set of rules for telling the computer what operations to perform is called a</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>[A] procedural language</td>
</tr>
<tr>
<td></td>
<td>[B] structures</td>
</tr>
<tr>
<td></td>
<td>[C] natural language</td>
</tr>
<tr>
<td></td>
<td>[D] programming language</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [D]</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Q. 20</th>
<th>C++ language developed by</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] Dennis Ritchie</td>
</tr>
<tr>
<td></td>
<td>[B] Charles Babbage</td>
</tr>
<tr>
<td></td>
<td>[C] Niklaus Wirth</td>
</tr>
<tr>
<td></td>
<td>[D] Bjarne Stroustrup</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [D]</td>
</tr>
</tbody>
</table>
Q. 21  Which of the following is not a computer language?
   [A]  High level language
   [B]  Machine language
   [C]  Low level language
   [D]  Medium level language

   Answer  Option [D]

Q. 22  The ............. tells the computer how to use its components.
   [A]  utility
   [B]  application
   [C]  operating system
   [D]  network

   Answer  Option [C]

Q. 23  A linker program
   [A]  places the program in the memory for the purpose of execution
   [B]  relocates the program to execute from the specific memory area allocated to it
   [C]  links the program with other programs needed for its execution
   [D]  interfaces the program with the entities generating its input data

   Answer  Option [C]

Q. 24  Application software
   [A]  is used to control the operating system
   [B]  is designed to help programmers
   [C]  performs specific task for computer users
   [D]  is used for making design only

   Answer  Option [C]

Q. 25  A normal compiler takes source code as input and produces this as output
   [A]  assembly code
   [B]  object code
   [C]  machine code
   [D]  All of these

   Answer  Option [B]
Q. 26  The language which can be relocated easily is
[A] machine language
[B] assembly language
[C] low level language
[D] middle level language

Answer  Option [B]

Q. 27  C language developed by Dennis Ritchie in
[A] 1970
[B] 1971
[C] 1972
[D] 1973

Answer  Option [C]

Q. 28  The software tools that enable a user to interact with a computer for specific purposes are known as
[A] hardware
[B] networked software
[C] shareware
[D] applications

Answer  Option [D]

Q. 29  Translator program used in assembly language is called
[A] compiler
[B] interpreter
[C] translation
[D] assembler

Answer  Option [D]

Q. 30  The function of an assembler is
[A] to convert basic language into machine language
[B] to convert high level language into machine language
[C] to convert assembly language into machine language
[D] to convert assemble language into high level language

Answer  Option [C]
Q. 31  Languages which can easily interact with the hardware are called?
[A] High level languages
[B] Low level languages
[C] Middle level languages
[D] All of the above

Answer  Option [B]

Q. 32  A (n) ...... converts and executes one statement at a time.
[A] converter
[B] compiler
[C] instructor
[D] interpreter

Answer  Option [D]

Q. 33  Assembly language is a
[A] machine language
[B] high-level programming language
[C] low-level programming language
[D] language for assembling computers

Answer  Option [C]

Q. 34  ...... is a string oriented.
[A] SNOBOL
[B] COBOL
[C] PASCAL
[D] PERL

Answer  Option [B]

Q. 35  It is the set of programs that enables your computers hardware device and application software to work together.
[A] management
[B] processing
[C] utility
[D] system software

Answer  Option [D]
Q. 36  In programming, repeating some statements is usually called

[A] looping  
[B] control structure  
[C] compiling  
[D] structure

Answer  Option [A]

Q. 37  System software

[A] allows the user to diagnose and trouble shoot the device  
[B] is a programming software  
[C] is part of a productivity suite  
[D] helps the computer manage internal resources

Answer  Option [D]

Q. 38  Machine language

[A] is the language in which programs were first written  
[B] is the only language understood by the computer  
[C] differs from one type of computer to another  
[D] All of the above

Answer  Option [D]

Q. 39  Which of the following is a programming language for creating special programs like applets?

[A] Java  
[B] Cable  
[C] Domain name  
[D] Net

Answer  Option [A]

Q. 40  Which of the following is not true in context of FORTRAN?

[A] It was developed for scientific and mathematical applications  
[B] It is one of the oldest high level languages  
[C] It is a problem oriented language  
[D] It requires extensive internal documentation

Answer  Option [B]
Q. 41  
A computer program used for business application is

[A] LOGO  
[B] COBOL  
[C] BASIC  
[D] FORTRAN  

Answer: Option [B]

Q. 42  
Compiler is the

[A] name given to the computer operator  
[B] part of the digital machine to store the information  
[C] operator of boolean algebra  
[D] translator of source program to object code  

Answer: Option [D]

Q. 43  
Software refers to

[A] the physical components that a computer is made of  
[B] firmware  
[C] programs  
[D] people ware  

Answer: Option [C]

Q. 44  
All computers execute

[A] BASIC programs  
[B] COBOL programs  
[C] machine language programs  
[D] FORTRAN programs  

Answer: Option [C]

Q. 45  
A computer cannot ‘boot’ if it does not have the

[A] compiler  
[B] loader  
[C] operating system  
[D] assembler  

Answer: Option [C]
Q. 46 Which of the following is not characteristic of COBOL?

[A] It is a very standardised language
[B] It is a very efficient in terms of coding and execution
[C] It has limited facilities for mathematical notation
[D] It is very readable language

Answer Option [B]

Q. 47 ....... is a cross between human language and a programming language.

[A] Pseudo code
[B] Java
[C] The Java virtual machine
[D] The compiler

Answer Option [A]

Q. 48 The ....... program is used to convert economic code to machine code.

[A] debug
[B] C ++
[C] FORTRAN
[D] assembler

Answer Option [D]

Q. 49 This type of software works with end-users, application software and computer hardware to handle the majority of technical details.

[A] Communications software
[B] System software
[C] Application software
[D] Utility software

Answer Option [B]

Q. 50 Java is an example of a (n)

[A] machine language
[B] assembly language
[C] high level language
[D] fourth generation language

Answer Option [C]
<table>
<thead>
<tr>
<th>Q. 51</th>
<th>Which of the following is a system software?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[A] Database programs</td>
</tr>
<tr>
<td></td>
<td>[B] Word processors</td>
</tr>
<tr>
<td></td>
<td>[C] Spreadsheets</td>
</tr>
<tr>
<td></td>
<td>[D] Compilers</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [D]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Q. 52</th>
<th>Each model of a computer has a unique</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>[A] assembly of a computer</td>
</tr>
<tr>
<td></td>
<td>[B] machine language</td>
</tr>
<tr>
<td></td>
<td>[C] high level language</td>
</tr>
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<td></td>
<td>[D] All of the above</td>
</tr>
<tr>
<td>Answer</td>
<td>Option [B]</td>
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<table>
<thead>
<tr>
<th>Q. 53</th>
<th>Computer language used for scientific calculation is</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>[A] LOGO</td>
</tr>
<tr>
<td></td>
<td>[B] FORTRAN</td>
</tr>
<tr>
<td></td>
<td>[C] BASIC</td>
</tr>
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<td></td>
<td>[D] C++</td>
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