1. Answer the following questions. [6×2=12]
2. What is computer?
3. What are the features of computer?
4. Explain the uses of computers in different field.
5. Who is known as first female programmer? Why?
6. What is an abacus? What are the two region of it?
7. What is Napier’s bone? Who invented it?
8. Write True or False. \*\*Don’t use (✓) or (✗)\*\* [10]
9. The Apple-1 was one of the earliest personal computers, developed by Steve Wozniak and released by Apple in 1976, not by IBM.
10. John Napier, a Scottish mathematician, introduced logarithms in 1614 to help with complex calculations.
11. Macintosh is a line of personal computers created and sold by Apple Inc. starting in 1984.
12. Herman Hollerith invented the Tabulating Machine in 1887, while Howard Aiken was involved in the development of the Harvard Mark I.
13. Processing involves performing calculations or comparisons on data to turn it into useful information.
14. A computer can carry out many tasks with great accuracy, but it can still make errors if given wrong data or instructions.
15. The PDP-11 and VAX 11/780 are examples of minicomputers, not mainframes.
16. Gottfried Wilhelm von Leibniz, a German mathematician, invented the Stepped Reckoner, a mechanical calculator, in 1671.
17. Storage devices in a computer are used to keep data and programs for later use.
18. A palmtop computer is a small and portable device that fits in your hand, unlike a desktop computer.
19. Fill in the blanks. [10]
20. An English mathematician called \_\_\_\_\_\_\_\_ constructed slide rule in 1620.
21. A \_\_\_\_\_\_\_\_\_ is a computer with a Central Processing Unit (CPU) as a microprocessor.
22. \_\_\_\_\_\_\_\_\_ is a set of instructions consisting of one or more programs, to carry out a particular task.
23. IBM 1401 is a good example of \_\_\_\_\_\_\_\_\_ computer.
24. \_\_\_\_\_\_\_\_ is known as the father of modern computer because he gave the basic idea of modern computers.
25. \_\_\_\_\_\_\_\_\_ is a computer-delivered electronic system that allows the user to control, combine, and manipulate different types of media.
26. \_\_\_\_\_\_\_\_ was the first general-purpose electronic digital computer designed for commercial use.
27. \_\_\_\_\_\_\_\_\_ is a process through which digital data is saved within a data storage device by means of computing technology.
28. \_\_\_\_\_\_\_\_ is the first popular commercial PC developed by the IBM Corporation.
29. \_\_\_\_\_\_\_\_ was 10 feet tall, occupied 1500 square feet of floor-space, weighed approximately 30 tons.
30. Give one word for each of the following. [5×1=5]
31. A machine designed to automatically accept and store input data, process it and produce desired results under the direction of the instructions written in program.
32. The data and instructions entered into the computer.
33. The meaningful result produced by the computer.
34. A very large and powerful computer with huge storage capacity.
35. A computer with a Central Processing Unit (CPU) as a microprocessor.
36. Match the following [5×1=5]

|  |  |
| --- | --- |
| John Napier | Slide Rule |
| Willian Oughtred | Tabulating Machine |
| Blaise Pascal | Analytical Engine |
| Charles Babbage | Napier’s Bone |
| Howard Aiken | Pascaline |

1. Write the full form of: [8×1=8]
   1. ABC
   2. RAM
   3. ROM
   4. IBM
   5. UNIVAC
   6. DVD
   7. CPU
   8. ENIAC