

B. Ed (Regular)

Subject: Elementary Computer Education
Time Allowed: 3 Hours

Paper: V
Maximum Marks: 80
Min. Pass Marks: 32

Note: Attempt all questions from Section A and B and two questions from Section C.

Section A: (Very Short Answer Type Questions to be answered in about 10-20 words) $1\frac{1}{2} \times 10 = 15$

Q1.

- i. What does CPU stand for?
- ii. ROM is volatile or non-volatile?
- iii. Secondary storage devices compared to main memory, are cheaper or costlier?
- iv. Binary number system the digits are 0 and 1 or it is 1 and 2?
- v. Give one example of system software?
- vi. Give one example of High level programming Language.
- vii. Give one example of Operating system.
- viii. What does GUI stand for?
- ix. Number of steps in an algorithm may be infinite or it should be finite?
- x. Scanner is a input device or it is an output device?

Section B: (Short Answer Type Questions to be answered in about 200-250 words) $7 \times 5 = 35$

Q2. Explain Hardware and Software with the help of suitable examples. Also, give examples of Application and System Software.

Q3. What is algorithm? Write an algorithm to pick largest number amongst a given list of 3 numbers.

Q4. What is operating system? Enlist any five examples of operating systems and their specialities.

Q5. How to do the following using MS-Word:-

- a) To set right margin
- b) To spell check
- c) To set Tab position
- d) To set line spacing

Q6. What is internet? What are the main applications of internet?

Section C: (Long Answer Type Questions to be answered in about 450-500 words) $2 \times 15 = 30$

Q7. Explain input/output devices and memory units of a computer with examples.

Q8. What is flowcharting? Draw a flowchart to add ten numbers (Arbitrary).

Q9. Write down the syntax, purpose and example of DOS Commands:-

- e) DIR
- f) EDIT
- g) REN
- h) RD

Q10. Explain power presentation software with the help of a suitable example.

Q11. What are the various medium by which an internet can be connected?