

PLUS ONE SAMPLE QUESTION PAPER

COMPUTER SCIENCE

Time : 1½ hour

Total Score: 60

General Instructions to Candidates:

- The first 5 minutes is cool-off time.
- You may use the time to read the questions and plan your answers.
- Answer only on the basis of instructions and questions given.
- Consider score and time while answering.

Answer all 6 questions. Each carries 1 score

(1 x 6 =6)

1. Pick the odd one from the following list: [1]
(i) Spam (ii) Trojan horse
(iii) Phishing (iv) Firewall
2. Tangible and visible parts of computer is known as [1]
3. To read a string _____ function is used. [1]
(a) puts() (b) putchar()
(c) gets() (d) getchar()
4. Manipulation of data to get information is known as _____ [1]
5. The most adopted and popular approach to write programs is _____ [1]
6. Primary memory is classified into two. What are they? [1]

Answer all 8 questions. Each carries 2 scores

(8 x 2=16)

7. Complete the Series. [2]
(101)₂, (111)₂, (1001)₂,
(1011)₂, (1110)₂, (10001)₂,
8. What are the major classifications of Social Media? [2]
9. Discuss the difference in working methods of hub and switch. [2]
10. Consider the following statements in C++ [2]

```
cout<<41/2;
```

```
cout<<41/2.0;
```

Are this two statements give same result? Explain?
11. Briefly explain about different types of methods used for passing arguments to a function. [2]
12. Write a short note about the following C++ statement : [2]

```
intsum (int, int);
```

13. What is meant by Bandwidth of a Network ? [2]

14. Write a while loop that display numbers from 500 to 550. [2]

Answer all 6 questions. Each carries 3 scores

(6 x 3 =18)

15. Explain different types of arrays. [3]

16. Distinguish between Call by value and Call by reference methods. [3]

17. Distinguish between get() and put() functions. [3]

18. (i) Write a note on search engines. [3]

(ii)What is meant by Phishing

19. Define Internet. Compare two types of Internet connectivities namely Dial-up and Broadband. [3]

20. Differentiate linear search and binary search [3]

Answer all 4 questions. Each carries 5 scores

(4 x 5= 20)

21. Explain about any three stream functions used in C++. [5]

22. Explain the data types' in C++. (3) [5]

23. (i) Define Operating System. Write any two functions of operating system. [5]

(ii)Write notes on different types of language processor

24. (a)What are the advantages of flow charts ? [5]

(b)Draw a flowchart to check whether the number is or even odd ?
