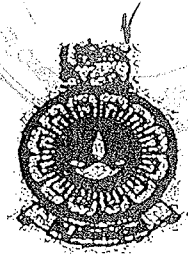


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08 SEP 2024



The Open University of Sri Lanka
B.Sc. (IT) Degree Programme – 2023/2024
Department of Computer Science
ISU 3300 – Fundamentals of Information Systems
No Book Test 1
Duration: One hour only (1 hour)

Date: 08.09.2024

Time: 01.00 p.m. – 02.00 p.m.

ANSWER ALL QUESTIONS

Index Number:.....

1. Define the term “**Information**”.

(04 Marks)

2. Briefly explain two (02) types of Knowledge.

(08 marks)

3. Briefly explain two (02) types of data, and provide three (03) examples to each. (11 Marks)

4. What are the four (04) components of the information systems? (04 Marks)

i.

ii.

iii.

iv.

Index Number:.....

5. Provide five (05) disadvantages of manual information systems. (10 Marks)

i.	.....
ii.	.....
iii.	.....
iv.	.....
v.	.....

6. State the six (06) components of computer based information system. (12 Marks)

i.	.....
ii.	.....
iii.	.....
iv.	.....
v.	.....
vi.	.....

7. Write four (04) applications of Online Analytical Processing. (08 Marks)

- i.
- ii.
- iii.
- iv.

8. What are the two (02) technologies used in Decision Support Systems (DSS)? (04 Marks)

- i.
- ii.

9. What are the three (03) methods used to gather qualitative data? (06 Marks)

- i.
- ii.
- iii.

Index Number:.....

10. State the five (05) most frequently seen categories of quantitative data. (10 Marks)

i.	.....
ii.	.....
iii.	.....
iv.	.....
v.	.....

11. What are the six (06) management areas addressed by business automation systems?
(09 Marks)

i.	.....
ii.	.....
iii.	.....
iv.	.....
v.	.....
vi.	.....

12. State the five (05) components of Manual Information Systems. (05 Marks)

i.	.....
ii.	.....
iii.	.....
iv.	.....
v.	.....

13. Write two (02) benefits of Executive Support Systems (ESS) for leaders? (04 Marks)

i.	.....

ii.	.....

14. List five (05) technologies used in Knowledge Management Systems (KMS). (05 Marks)

i.	.....
ii.	.....
iii.	.....
iv.	.....
v.	.....

**** End of the Paper****