

**EXAMINER'S REPORT****LEVEL II EXAMINATION - JANUARY 2023****(202) INFORMATION SYSTEMS IN DIGITAL ENVIRONMENT**

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This paper tested overall aspects of Information Technology while giving more concern on new developments and trends in Information and Communication Technology. It should be noted that sound knowledge on ethical, social and legal environment which has an influence on information systems is also important when answering this paper.

This paper comprised of three sections namely **A, B** and **C**. It was required to answer all the questions of this paper.

**Section A****Question No. 01**

The entire syllabus of “Information Systems in Digital Environment” tested in easily and understandable manner. Almost all the candidates attempted the question. Most of them were able to score more than 10 marks.

However, notably questions related to legal aspects of information technology were rather difficult for the candidates. They are lack of adequate knowledge related to those subject areas.

When comparing with previous examinations comparatively less marks obtained for this question. Students must pay attention to score higher marks for this objective test questions as it will help them to gain a higher grade for this subject.

**Performances in this objective test questions should be further improved.**

**Section B****Question No. 02**

This question tested the application of information technology and information systems in financial sector.

Almost all the candidates answered this question.

In **part (b)** considerable number of candidates found difficult to explain the ways how Personal Information Management can be used to improve staff performance.

**The overall performance for this question was at an average level.**

### **Question No. 03**

This question intended to test candidate's awareness on fundamentals of databases and its features.

Almost every candidates attempted this question.

Many candidates were unable to answer correctly for **part (b)**. Many candidates have no idea about integrity and consistency in a database.

**The overall performance for this question was at an average level.**

### **Question No. 04**

The candidate's knowledge about the Information systems and Business Analytics and Business Intelligence was tested. Majority of the candidates attempted this question.

Few students evaded the question.

For **part (a)** some students do not have clear idea about DSS and MIS.

In **part (b)** few candidates could not clearly identify the difference between "Business Intelligence" and "Business Analytics".

**The overall performance for this question was at an average level.**

### **Question No. 05**

The candidate's awareness about social media and its negative effects of over usage and also concepts of information security was tested.

For **part (A) (a)** and **(b)** majority of students were able to answer correctly

For **part (B)** few candidates were unable to explain properly.

Candidates should provide more explanation when writing this type of answers to earn more marks.

Considerable number of candidates were able to score well in this question.

**The overall performance for this question was at a satisfactory level.**

### **Question No. 06**

The candidate's awareness regarding latest technologies including cyber payments and crowd funding models were tested.

Many candidates were able to answer **part (a)** correctly.

But, candidates' knowledge regarding crowd funding is comparatively low.

They should devote more time to study those subject areas included in the self-study text.

**The overall performance for this question was not a satisfactory level.**

## Question No. 07

This question is based on the given case study, understanding the theory and apply to the given scenario was expected. The candidate's competency to identify possible IT strategies to a company engage in retail business was tested.

The **part (a)** of this question tested the candidates' knowledge on mobile devices and **part (b)** expected their purposes. Candidates have fairly answered these two parts with their general knowledge.

In **part (c)** it was tested the characteristics of a TPS and its applications to enhance the business operations was tested.

In **part (e)** measures that can be taken in order to improve cyber security was expected. Almost all the candidates attempted this question and they were able to answer correctly.

However, few candidates having problems in following subject matters. Identifying possible TPS applications for the business. Relationship of the business with a DBMS.

Having problems in understanding and implementation of data mining techniques. Candidates need further exposure to real life implementation of an information system. When answering this type of a question practical thinking is very much needed.

Candidates' performance for the case study question has improved.

**The overall performance for this question was at a satisfactory level.**

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### **Hints to Improve the Performance:**

- (1) Entire syllabus should be thoroughly studied.
- (2) Candidates should read the question carefully and should not write unnecessary/irrelevant explanations and details when a direct answer is expected from the question.
- (3) Refer study text, books, articles, magazines and other reading materials in relation to Information Technology.
- (4) It is important to present the theoretical concepts and practical knowledge relating to information technology in an organized manner and quote examples wherever necessary, when writing answers.
- (5) Make sure that the handwriting is legible and properly numbered the answers.
- (6) Follow the instructions given in the exam paper.
- (7) Study the Past Papers / Pilot Papers and Answers to improve your knowledge.
- (8) Practise the effective time management.
- (9) Check twice whether the answers were numbered properly before submitting the answer scripts.
- (10) Face the exam with a good preparation and with the utmost hope of passing the exam.

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