ASSOCIATION OF ACCOUNTING TECHNICIANS OF SRI LANKA

EXAMINER'S REPORT

LEVEL II EXAMINATION - JANUARY 2025

(202) INFORMATION SYSTEMS IN DIGITAL ENVIRONMENT

This question paper consisted of three parts **A, B** and **C.** Furthermore, answering all the questions was mandatory.

General Observations from the evaluation process have been summarized as follows:

Section A

Question No. 01

These multiple questions tested the overall knowledge of the respective subjects in ISD. The majority of candidates responded to Q1 and scored a mark above average level. Additionally, several answers to the questions were similar, allowing for two or three possible answers for each question.

Candidates have given number of answers to sub question **1.1** and **1.5**. Hence, they have lost in earning full marks.

Section B

Question No. 02

(a) (i) & (ii)

It was tested the elements of information system and their contribution to the functionality of the overall system.

Majority of candidates have written the parts of the computer system such as Input, out put devices without properly identifying of the communication process of the Hardware, software, data and live ware. Also, it was observed that most of the candidates did not properly identify the respective question to provide the correct answers.

(b) Majority of the candidates have explaination the reasons as to why information system has become widespread in organizations. But, always they have given more lenghy explanations and it was expected short form answers for this question as it was allocated only 2 marks each.

(c) Majorities of the candidates have given incorrect answers without proper knowledge on the common features of PIM. Those who answered correctly have stated calanders management, contact managemeent, reminders and notes, location tracking, expenses management, etc.

Question No. 03

(a) It was requested to identify a suitable type of network for the given organization. Candidates had mentioned LAN as a suitable network. But, they did not answer WAN, considering it's geographical network. WiFi network in additionally. Hence, majority of candidates did not earn full marks for the **part (a) (ii)**.

(b) Candidates have successfully identified devices such as smart phones, Tablet, Laptop, Netbooks those can be used by sales assistants to collect relevant information and their functionalities.

(c) More than average number of candidates have a sound knowledge on the Application Software to fulfill the given requirements.

Question No. 04

This is a very basic theoretical question. If candidates have gone through the syllabus content they would have easily earn marks for this question.

(a) **(i)** It was requested to list types of information systems typically used in organizations. Majority of the candidates have mentioned correct answers like Transaction Processing System (TPS) , Business Expert System (BES), Process Control System (PCS), Office Automation system (OAS), Management Information System (MIS), Decision Support System (DSS) and Executive Information System (EIS) and earned marks.

(ii) Based on the above given information systems candidates have clearly mentioned their roles and earned marks.

(b) It was expected to state two roles of the above information systems and candidates have fairly answered this part of the question.

(c) Identifying suitable software packages to fulfill the given requirements were expected. Candidates have scored marks well by using their general knowledge on software packages.

Question No. 05

(a) It was required to explain how to use the social networking to commercialize in the given business. Candidates have well answered this part by using their general knowledge on social media.

(b) Candidates have perfectly scored marks for this question by providing answers to "Practices to improve online security". Majority have stated that using strong passwords and multi-factor authentication (MFA), Being aware of phishing-attacks, Regularly updating software and security Settings, Restricting access and managing permissions, Using up-to-date antivirus software, Backing up data, Training staff to be cyber aware, Managing security relationships with suppliers and partners and Move away from unsupported software and scored full marks.

(c) Explaining the legal requirements to entry, storage, transmission of data through information systems were not given well and lost marks as they have no proper understanding on the given area. Candidates have given the vague answer rather than being specific.

Question No. 06

(a) Driving forces of the forth industrial revolution on the given scenario is a common factor. Majority of the candidates have noted AI, Robotics, automation and earned marks using their practical knowledge.

(b) Digital learning technologies use to build the capacity of the employees had been fairly stated by the candidates. Majority has stated that E-learning, Mobile learning (M-learning), Augmented Reality (AR) and Virtual Reality (VR) and Massive Open Online Courses (MOOCs) as the best ones.

(c) Potential impacts of Fin-Tec to the given scenario have been mentioned satisfactorily. Some have favourably accepted the changes and some have criticized the same.

Section C

Question No. 07

The question is about fundamentals to be considered in selecting databases, information systems, ERP, BPO and green computing.

(a) Majority of candidates have problems in differentiating between data and databases. They have written and explained about data rather than data bases.

(b) Candidates have almost no idea at all about the various users having access to a database, specially managed centrally.

(c) They have problems in identifying the processes in the given scenario. However, some candidates have identified Inventory Management, Order Processing, Marketing, HR management, Accounting and earned marks.

(d) Majority of candidates have an idea what an ERP is, but their answers are very common and general in scope. They only came up with cost, efficiency and productivity excluding specific answers.

(e) Minority of candidates have clear understanding about the fundamentals of BPO whereas others have no clue at all.

(f) Majority of candidates seem to know what green computing is. A small percentage of candidates have no idea on how to write an answer specific to the question. I.e. they write about agricultural practices less detrimental to the environment although the question is about green computing or energy conservation.

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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) Practice 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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