110學年度第1學期資訊管理研究所博士班資格考

科目:資訊科技與決策理論

Time：2021/11/12 09:00-12:00

Format：

1. Please discuss an AI-based decision support systems (DSS) system architecture rather than regularly known Intelligent DSS based on previously proposed framework in the literature with citations. (11%)
2. Please define social commerce with marketing concept and how social commerce for a company-based platform can be supported by group support systems (GSS) or groupware in terms of the concept of process gains and losses of the groupwork. Please explain this by an example. (11%)
3. Please discuss the role of knowledge engineers and the methods of knowledge acquisition from various sources, including tacit and explicit knowledge. Furthermore, discuss the methods of knowledge representation and the possible data models for properly storing knowledge. You should discuss these concepts based on prior literature. (11%)
4. 請分析近五年 MISQ, ISR, DSS 等三種資管重要期刊中，醫院採用人工智慧輔助臨床之論文的趨勢。 (33%)
5. Please explain how DSS can effectively support the decision making. You are encouraged to adopt Sprague and Carlson’ framework or Whinston and Holsapples’ framework to support your discussion. (20%)
6. Please discuss the research published on Decision Support Systems (Elsevier) Journal regarding to the special issue " Interpretable data science for decision making". (13%)