MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
FOURTH YEAR FIRST SEMESTER

SCHOOL OF EDUCATION
BACHELOR OF EDUCATION (EARLY CHILDHOOD AND PROJECT MANAGEMENT)

COURSE CODE: ECP 4105-1
COURSE TITLE: MANAGEMENT OF INFORMATION SYSTEMS IN EARLY CHILDHOOD PROJECTS

DATE: 15/12/2023   TIME: 1100 – 1300 HRS

INSTRUCTIONS TO CANDIDATES
- Question ONE in Section "A " is Compulsory
- Answer any Two (2) Questions from Section "B"
- Use relevant examples where appropriate

SECTION A
QUESTION ONE (COMPULSORY 30 MARKS)

a) Using relevant examples explain the following terms as used in management of information systems:
   i.   Data vs Information   **(2 Marks)**
   ii.   Hardware vs Software   **(2 Marks)**
   iii. Efficiency vs Effectiveness   **(2 Marks)**
b) 'As a project manager, it is essential for you to efficiently manage all the documents, information, and data that come with a project'. In reference to this statement discuss the benefits derived from using a Project Management Information System (PMIS).
                                                                                (4 Marks)
c) Different organizations require different types of information systems. Explain any three types of Information systems that would suit an institution with an early childhood project set-up.   **(9 Marks)**
d) The use of technology and especially the internet has presented numerous challenges for childcare programmes. State **FIVE** challenges facing early childhood projects in Kenya.   **(5 Marks)**
e) The Covid-19 pandemic was a game-changer in the education sector regarding content delivery. Explain any **THREE** strategies you can adopt as an ECD teacher in effectively delivering content to young children through online platforms.   **(6 Marks)**

SECTION B - Answer any two questions
QUESTION TWO (20 marks)

a) Outline the limitations of using telecommunications and the internet in teaching young children.   **(5 Marks)**
b) Discuss the role of the Kenyan government in the successful implementation of learning management systems.   **(5 Marks)**
c) Store Pamba Academy has previously been using manual systems for the management of all their educational programmes including ECD. They have approached you to advise them on how to change their system to a computer-based one. Outline the stages to be followed for the success of the project.   **(10 Marks)**

QUESTION THREE (20 marks)

a) Education Enterprise Resource Planning (ERP) is an information technology solution that integrates and automates all academic and non-academic resources and activities

of a school. Explain the potential benefits of such systems to various education stakeholders. **(10 Marks)**

b) Explain the various types of reports that can be generated by Management reporting systems for institutions with early childhood programmes. **(6 Marks)**

c) In the early childhood set-up, discuss the importance of human resources as a key component of an information system. **(4 Marks)**

QUESTION FOUR (20 marks)

a) User training is vital for the successful implementation of any information system within institutions. Describe how educational institutions can conduct such training and the resultant benefits to these institutions . **(8 Marks)**

b) What specific measures can early childhood institutions adopt in response to challenges of cyber security and overall safety of children while using the internet? **(6 Marks)**

c) Explain factors that institutions need to consider prior to acquiring any educational information system. **(6 Marks)**

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