

Term Exam

Introduction to Health Information Management (HIM) – CC-616

Time 2.0 hours

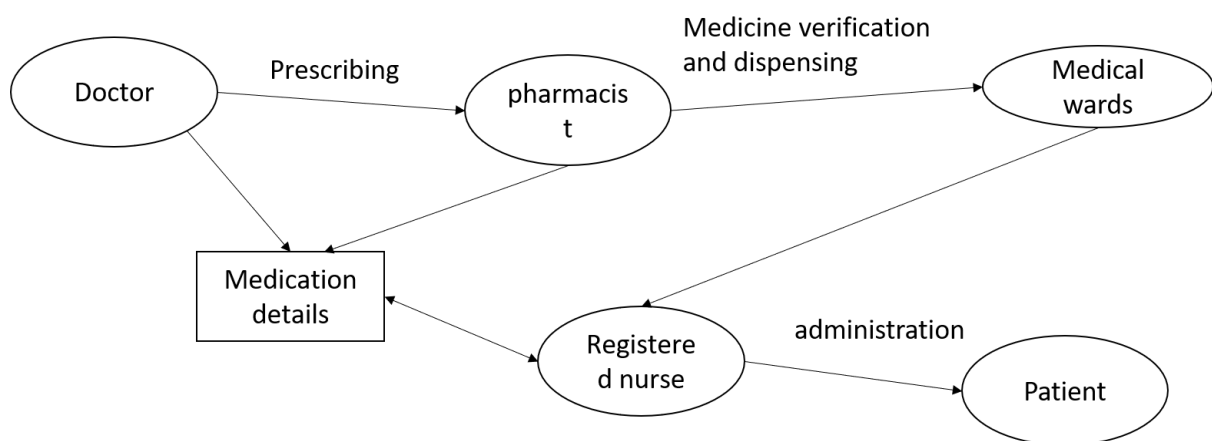
Marks 70

1. Read the case study and answer the questions given below

In 1972 primary health care was reformed in Finland through the Primary Health Care Act and health centres were established, evolving partly from the small local hospitals. Primary health care is provided by health centres, one occupational health service centre as well as by the private sector. Health centres can offer a wide range of services, including GP-led inpatient units (sometimes also referred to as health centre hospitals), and they are well equipped with medical technology, including facilities for minor surgery and diagnostic equipment. This means that services such as minor surgery or the availability of equipment for patient diagnostic testing in general practice form a core part of primary care in Finland. In 2014, there were 172 health centres in Finland and there is only one per municipality. Primary health care is organised by municipalities or joint municipal authorities. Municipalities also form 20 hospital districts, which are responsible for organising specialised care. Health centre services are either provided by the municipality or purchased by the municipality from a third-party provider. If the municipality cannot afford to maintain a health centre, it is required to provide services in another way, most often by forming a federation of municipalities.

a) Considering the above scenario develop a healthcare service model for providing health service to the remotest part of the municipalities using technology. 20 marks

2. Consider the following medicine administration pathway



The above pathway is prone to medical errors. Can you identify where medical errors can happen and how can you ensure patient safety through technology. 15 marks

3. A corporate hospital providing oncology treatment is planning to expand its services via medical tourism to low economic income countries. It is planning to capitalize on the advances

incommunication technology for promotion of services, diagnosis, treatment and follow-up as four pillars of medical tourism. Can you strategically devise a plan for use of technology for the four pillars?

Marks 20

4. Consider the current situation in Delhi where there is reverse migration and asymptotic cases related to Covid-19 scenario. You have been given permission to modify ArogyaSetu to accomplish your goal. You have been given the goal to capture the cases as they arise, cases recovered including those who are migrating to and from Delhi including asymptotic cases. Devise a strategy to do so using any means of technology you feel will be suitable.

Marks 15