ws Scan Paper -2 91 Con. 3123-11.

h) Internet.

j) DICOM.

i) Applications of Teleradiology.

(REVISED COURSE)

RK-3579

(3 Hours)

100

	(3 Hours)	[Total M	arks: 1
N.B.:- (1) Question No. 1 is composite (2) Attempt any four question (3) Draw neat diagrams.		questions.	
Q1. (a) What is HIPPA and explain it	s impact on PACS securi	ity?	(10)
(b) Explain the following terms:			(10)
(i) Bridge (ii) Hub (iii)	Switch (iv) Router.	a pad salam sa sa ita	
Q2. (a) List down the various network	security services. Expla	in Message authentication	
and Message integrity in detail.		* **	(10)
(b) Explain the Client-Server mod	lel in detail.		(5)
(c) Write short note on reporting p	paradigm in PACS.		(5)
Q3. (a) Draw and explain the integrati	on of information transfe	r between	
RIS/HIS/PACS with a suitable	diagram.		(10)
(b) What are different elements Pa	ACS		(10)
Q4. (a) Enumerate the various steps fro	om a radiologists perspec	tive to extract	
clinically useful information fro	om the medical images.		(10)
(b) With help of flow chart compa	re film based radiology v	vith filmless using PACS	(10)
Q5. (a) Explain the centralized model of	of PACS (Circa model 20	05)	(10)
(b) Explain the concept of RAID sto	orage system.		(10)
Q6. (a) What is Ethernet Technology?	Explain its different types		(10)
(b) Explain OSI model in detail			(10)
Q7. Write short notes on: (Any four)			(20)
f) ISDN.			
g) WAN.			