

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2025
(Third Semester)

Branch – **HOSPITAL ADMINISTRATION**

SMART HOSPITAL MANAGEMENT SYSTEMS

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Health promotive services include a) Growth monitoring b) Health screening c) Mental counselling d) Treatment of ARI	K1	CO1
	2	A hospital management Information system (HMIS) is Primarily structured around which two types of modules? a) Financial & Human Resource modules b) Strategic & Tactical Modules c) Clinical & Administrative modules d) Inpatient & outpatient modules	K2	CO1
2	3	Peculiarity of hospital as an organization is all except a) Production can be quantified b) Dual authority c) Personalized services d) Exception to FIFO	K1	CO2
	4	Roadmap of a project is developed in the phase a) Initiation b) Planning c) Execution d) Monitoring	K2	CO2
3	5	PACS helps in better information management of a) Laboratory b) Radiology c) CSSD d) OT	K1	CO3
	6	Most important future trend that would help Medical Records department is a) Mobile application b) Cloud computing c) Artificial Intelligence d) Personalized care	K2	CO3
4	7	What type of management system includes patient scheduling? a) Core systems b) Business systems c) Finance systems d) Medical systems	K1	CO4
	8	Interim bill is provided to the admitted patient a) On admission b) While discharge c) Daily d) During follow up	K2	CO4
5	9	What is the Heart rate for a healthy individual? a) 60 to 100 bpm b) 10 to 50 bpm c) 100 to 150 bpm d) None of the above	K1	CO5
	10	A blood glucose level less than 70mg/dL indicates a) Normal b) Hyperglycemic c) Hypoglycemic d) Tachycardia	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

 $(5 \times 7 = 35)$

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain 'Statutory needs' in Hospital Information System.	K4	CO1
		(OR)		
2	11.b.	Analyse Decision making in hospitals.	K4	CO2
	12.a.	Examine the Input - Output design of Front Office in a hospital.		
		(OR)		
3	12.b.	Discuss the Procedure Development process.	K5	CO3
	13.a.	Explain the advantages and disadvantages of Online appointment scheduling.		
		(OR)		
4	13.b.	Explain the Dissemination of Diagnostic Information.	K5	CO4
	14.a.	Recommend application of HIS in Front Office.		
		(OR)		
5	14.b.	Justify the Role of HIS in making Billing easier.	K6	CO5
	15.a.	Compile Healthcare applications in Smart watch.		
		(OR)		
	15.b.	Discuss about increasing importance of AI in Healthcare.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

 $(3 \times 10 = 30)$

Module No.	Question No.	Question	K Level	CO
1	16	List the Hierarchy of Management activity in hospital information system.	K4	CO1
2	17	Prioritize the different Phases of Project Life Cycle.	K4	CO2
3	18	Elaborate Nursing Information System.	K5	CO3
4	19	Explain the Computerized Physical Order Entry (CPOE).	K5	CO4
5	20	Critically analyse Smart Healthcare models.	K6	CO5