

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2023
(Third Semester)

Branch – HOSPITAL ADMINISTRATION

SMART HOSPITAL MANAGEMENT SYSTEMS

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 The needs related to rules or laws which have been formally written down?
(i) Non-statutory Needs (ii) Statutory Needs
(iii) Regulatory Needs (iv) Standard Needs
- 2 The hierarchy of management needs does not include
(i) Strategic Planning (ii) Management Control
(iii) Decision making (iv) Operational Control
- 3 Which is not used for data communication?
(i) Modem (ii) Copper wire
(iii) Fibre optic cables (iv) Wireless signals
- 4 What are the characteristics of system?
(i) Integration (ii) Interdependence
(iii) Interaction (iv) All of the above
- 5 Hospital Information system includes
(i) EHR (ii) EMR
(iii) CPOE (iv) All of the above

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Outline the difference between Data and Information.
OR
b List the steps involved in Decision making process.
- 7 a Infer the term Physical System design.
OR
b Examine the process of audit system evaluation.
- 8 a Interpret Nursing Information system.
OR
b Infer the term E-Medical Records.
- 9 a Interpret the role of CSSD.
OR
b Infer a note on scope of services in Hospitals.
- 10 a Enumerate the significance of SMART Hospitals.
OR
b List the few applications of IT in Healthcare.

Cont...

SECTION -C (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks

(5 x 6 = 30)

- 11 a Examine the structure of Management Information System.
OR
b Analyze the statutory obligations of Hospital Information System.
- 12 a Infer the input-output design.
OR
b Write a note on Data Communication.
- 13 a Infer on Patient appointment scheduling.
OR
b Interpret on Evidence based Medicine.
- 14 a Examine the Contract management system in Hospitals.
OR
b Analyse role of AERB in the Radiology Department.
- 15 a Discuss on Artificial Intelligence in Healthcare.
OR
b Interpret the smart Healthcare Models.

Z-Z-Z

END