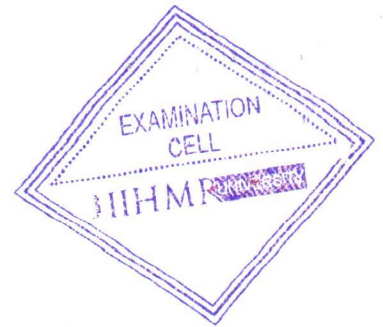




**Hospital Management Information System**

**Term Examination**

**Time - 2 Hour**

**MM-70**

**Instructions:**

- There are THREE Sections – A, B and C
- All questions are compulsory.

Marks of each section are shown separately

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**Signature of Invigilator:** \_\_\_\_\_

**Marks obtained**

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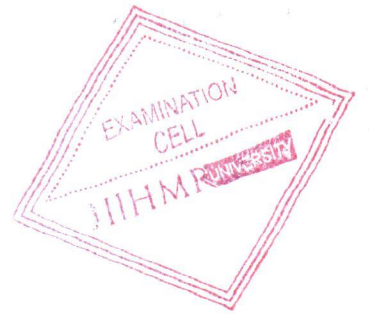
**Signature of Examiner:** \_\_\_\_\_

**SECTION A****(Each Question – 1 mark)**

*There is only one correct answer. Encircle the Correct Answer*



1. **Information is**
  - a. Written data
  - b. Processed data
  - c. Detailed data
  - d. Scientifically collected data
2. **Management information systems (MIS)**
  - a. Create and share documents that support day-to-day office activities
  - b. Process business transactions (e.g., time cards, payments, orders, etc.)
  - c. Capture and reproduce the knowledge of an expert problem solver
  - d. Use the transaction data to produce information needed by managers to run the business
3. **Decision makers who are concerned with tactical (short-term) operational problems and decision making are**
  - a. Middle managers
  - b. Executive managers
  - c. Supervisors
  - d. None of above
4. **Which of the following is not a class of information system applications?**
  - a. Database management system
  - b. Decision support system
  - c. Expert system
  - d. Management information system
5. **Hospitals are information intensive organizations. Hospital Information System deals with patient related information in:**
  - a. Acquiring, storing information
  - b. Processing information
  - c. Delivering information
  - d. All of the above
6. **Data acquired through census and medical record in HMIS is**
  - a. Primary
  - b. Secondary
  - c. Tertiary
  - d. Quaternary
7. **Operational HMIS deals with**
  - a. Day to day information
  - b. Long term planning
  - c. Both a& b
  - d. None



8. Strategic HMIS deals with
- Long term planning
  - Day to day information
  - Both a& b
  - None
9. Patient related data generated from OPD, Emergency is generally
- Primary
  - Secondary
  - Tertiary
  - Quaternary
10. Hospital Information System deals with
- Administrative related data of hospital
  - Patient related data of hospitals
  - Both a & b
  - None
11. Hospital Information System ensures appropriate information at the right time, in the right form and at the right place. It is also called
- Hospital decision support system
  - Health Information System
  - Hospital input system
  - Hospital Action System
12. The Third Stage in Designing a Database Is When We Analyse Our Tables More Closely and Create A \_\_\_\_\_ Between Tables
- Relationship
  - Join
  - Query
  - None of These
13. In A Database Table, The Category Of Information Is Called \_\_\_\_\_
- Tuple
  - Field
  - Record
  - All of Above
14. Microsoft Access is a
- RDBMS
  - OODBMS
  - ORDBMS
  - Network Database Model

**15. Which of The Following is Not a Type of Microsoft Access Database Object?**

- a. Table
- b. Form
- c. Worksheets
- d. Modules

**16. A primary key in any table has the properties**

- a. Not Null
- b. No Duplicates
- c. Both of above
- d. None of above

**17. An Access database object that is used to enter, view or edit records**

- a. Table
- b. Form
- c. Query
- d. Report

**18. Which of the following can be an example of a database?**

- a. Address book of all the suppliers of a company
- b. Salary sheet of all the employees of a company
- c. Records of daily sales transactions of a company
- d. All of above

**19. The complete information about an entity in a database is called**

- a. Data
- b. Information
- c. Field
- d. Record

**20. The task of arranging data in order is called**

- a. Searching
- b. Sorting
- c. Ordering
- d. Shorting

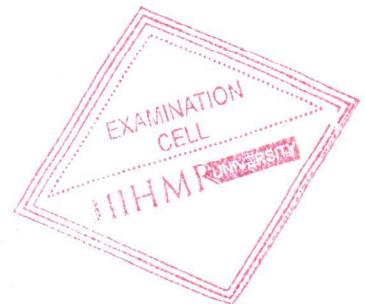




**SECTION B**                      **(Each question is 1 mark)**

**The following 15 (Fifteen) items consist of TRUE /FALSE type statements;**

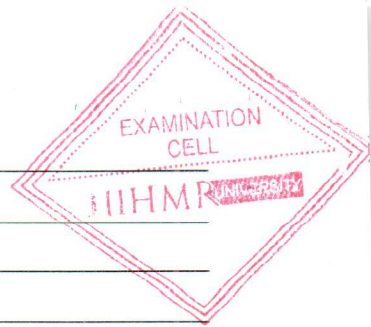
|           |                                                                                                                                | <b>TRUE</b> | <b>FALSE</b> |
|-----------|--------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| <b>1</b>  | Data is information that has been processed in some way.                                                                       |             |              |
| <b>2</b>  | Information is raw facts that describe a particular phenomenon.                                                                |             |              |
| <b>3</b>  | Information is simply data that have a particular meaning within a specific context.                                           |             |              |
| <b>4</b>  | Hardware consists of the instructions executed by the computer to complete a specific task.                                    |             |              |
| <b>5</b>  | Executive information systems analyze situations and make recommendations on what action to take.                              |             |              |
| <b>6</b>  | Competitive advantage occurs for a Hospitals when its competition has more to offer a customer than it does.                   |             |              |
| <b>7</b>  | Telemedicine permit users to send and receive information from another person or location.                                     |             |              |
| <b>8</b>  | Hospital software is the set of instructions that your hardware executes to carry out a specific task.                         |             |              |
| <b>9</b>  | An image scanner is used to capture human physical attributes.                                                                 |             |              |
| <b>10</b> | Biometric scanners are used to detect illnesses.                                                                               |             |              |
| <b>11</b> | Virtual team members are typically located in the same geographic areas                                                        |             |              |
| <b>12</b> | Revenue and profit are optimized by a well-designed supply chain management                                                    |             |              |
| <b>13</b> | A database is a collection of information that you organize and access according to the logical structure of that information. |             |              |
| <b>14</b> | The logical view of information focuses on how you arrange and access information to meet the needs of the Hospital.           |             |              |
| <b>15</b> | An instance or record in a relational database can be duplicated                                                               |             |              |



 ~~$7 \times 5 = 35$~~ 

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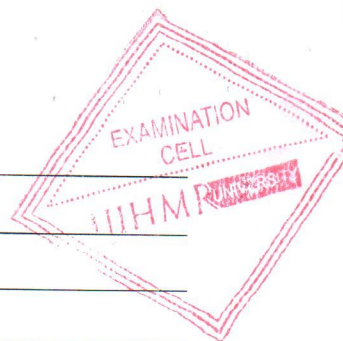
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**Q3: Throw light on the role of telemedicine in development of healthcare services in rural area of the country.**

**Q4: What is e-health? Explain the importance of 10 e's in e-health**





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**Q5. Describe the benefit of RFID in hospital system**

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**Q6. Explain the use of ERP in HMIS with reference to its benefits in different departments.**

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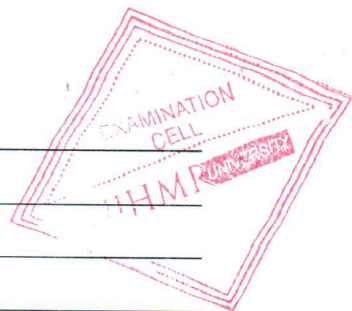
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Lined area for writing answers.

**Q7. Give Definitions of Database, Table, Schema, Record, Query.**

Lined area for writing answers.