COMPETITIVE ENTRANCE EXAMINATION INTO HTTTC BAMBILI CYCLE: 1st CYCLE

LEVEL: 1ST YEAR SESSION: 2014 OPTION: FUNDAMENTAL COMPUTER SCIENCE <u>DURATION: 3HOURS</u>

INSTRUCTIONS

- In your answer booklet, write only the letter of the answer chosen against the question number.
- The question paper must be submitted together with the answer booklet
- Each question carries (1) mark

PART I: GENERAL KNOWLEDGE ON COMPUTER SCIENCE

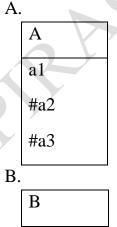
- **1.** The collection of programs that help the computer to manage it resources is called
 - A. Database
 - B. Operating system
 - C. Control system
- 2. DBMS stands for
 - A. Domain Base for Main Server
 - B. Database Management System
 - C. Data By Mining System
- 3. When retrieving information into a database, you make use of
 - A. A formulary
 - B. A query
 - C. A browser
- 4. A computer is said to be distributed if
 - A. Information is stored of a main server and distributed to anyone at will
 - B. Information is separated on many locations
 - C. Information is accessed only by identified computers
- **5.** HTTP is an acronym for
 - A. Hyper Text Transfer Protocol
 - B. High Task Transfer Process
 - C. High Tested Training Program
- 6. A file is to be sent from one computer to another , the protocol needed is

- A. SMTP
- B. FTP
- C. UTP

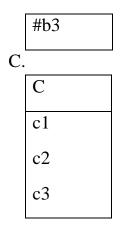
7. A relational database is an item of

- A. Conceptual model
- B. Physical model
- C. Logical model
- **8.** ISO is the acronym for
 - A. International Standard Organization
 - B. Entertainment Software Operation
 - C. International Standard Office
- 9. UML stands for
 - A. Unified Modeling Language
 - B. Uniform Manuel Language
 - C. Uniform Modem Locator
- 10.OSI stands for
 - A. Office Standard Interaction
 - B. Open system Interconnect
 - C. Operating System Information
- 11. Which can be used to design an information system
 - A. Microsoft Office Word 2013
 - B. WINDOWS seven Integrated Edition
 - C. MERISE

12. Which of the following is an entity?



В	
b1	
b2	



13.In the design of an information system, it's the must invariant level:

- A. Organizational level
- B. Conceptual level
- C. Physical level

14. Which item is an element of the entity/Association model?

- A. Primary key
- B. Identifier
- C. Relation

15.The most variable level in the setting of an information system is:

- A. Physical level
- B. Logical level
- C. Organizing level
- **16.**The organizational level answers to the question:
- A. Who has what?
- B. Who does what?
- C. How it works?
- **17.**The manner in which computers are displayed in order to display information is:
- A. Physical topology
- B. Network arrangement
- C. Protocol topology
- **18.**Which of the elements below is in Class C?
- A. 12.23.45.7
- B. 192.167.4.0
- C. 1.31.1.4
- **19.**An application used in hospital management or flight reservation is classified under:
- A. Utility software

- B. Warehouse
- C. Application software
- 20. The use of particular method to design a system aims at:
- A. Reducing number of errors
- B. Avoiding piracy
- C. Prevent hackers attacks
- **21.**An application distributed and free for use during a certain period before its purchase is:
- A. Shareware
- B. Freeware
- C. Data ware
- 22.OMT stands for:
- A. Object-Oriented Method of Technology
- B. Object Modeling Technique
- C. Opened Method Technique.

1.B	6.B	11.C	16.B	21.A
2.B	7.A	12.C	17.A	22.B
3.B	8.A	13.C	18.B	7
4.A	9.A	14.A	19.C	
5.D	10.B	15.B	20.A	

TABLE OF ANSWERS