

COMPETITIVE ENTRANCE EXAMINATION INTO HTTTC BAMBILI
CYCLE: 1st CYCLE

LEVEL: 1ST YEAR

SESSION: 2014

OPTION: FUNDAMENTAL COMPUTER SCIENCE

DURATION: 3HOURS

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 its 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 on 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?

A.

A
a1
#a2
#a3

B.

B
b1
b2

#b3

C.

C
c1
c2
c3

13.In the design of an information system, it's the most 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.

TABLE OF ANSWERS

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	
4.A	9.A	14.A	19.C	
5.D	10.B	15.B	20.A	