

Section 1 - Verbal Ability

No. of Questions: 15
Duration in Minutes: 15

Directions for Questions 1-5:

Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Spring is almost here, but it won't bring a thaw. Neither will summer. If it's going to happen, we'll have to make it happen ourselves.

American businesses and consumers are going virtually nowhere economically. The metaphor we keep hearing is that they're frozen by anxiety over war. Air travel is down because people don't want to get on airplanes. Hotel bookings are down, especially after the feds raised the terror alert level from yellow to orange and specified hotels and apartment buildings as possible targets. Advertisers don't want to advertise on TV during war coverage. Growing companies don't want to do IPOs. Banks don't want to make loans.

Result: The icebound economy grows hardly at all, as the latest figures confirm.

The conventional view is that respectable growth will return - the freeze will thaw - once the Iraq situation is resolved. The shooting may have started by the time you read this, though it has not as of press time; in any case, the Defense Secretary Donald Rumsfeld has predicted that the war might take six days or six weeks, but probably not six months. After that, with Saddam- the Iraqi despot-sorted out, we can all get back to spending and investing.

Chances are good, though, that it won't work out quite that way. The conventional view is based (as it often is) on an old model and plenty of hope. The more likely reality is that we're seeing the start of a fundamentally new model of how we live our lives and do business in the U.S.

The old model was formed after the previous Iraq war, won in a few weeks of dazzling high-tech battle, with few U.S. casualties and a relatively clean end. And, oh, what followed almost immediately: The end of a recession, the beginning of the longest continuous economic expansion in our history and the relaunch of the greatest bull market ever. You can't blame anyone for wanting to hug that scenario this time around.

1) *"Spring is almost here, but it won't bring a thaw".* What is the author referring to?

- A) The weather conditions won't improve even at the onset of spring.
- B) The number of people traveling by air is not going to increase.
- C) The general economic condition in the U.S. does not seem to be looking up.
- D) The war situation in the Gulf is deteriorating.

2) The Defense Secretary of the U.S. has predicted that the war will take:

- A) Six days or six weeks
- B) Six months
- C) Six weeks to six months
- D) Six days

3) According to the passage, what was the impact of the previous Iraq war?

- A) The technology of weapons improved in leaps and bounds.
- B) The American economy witnessed a sustained period of boom.
- C) A lot of American soldiers were killed.
- D) America went through its biggest recession.

4) According to the author, what are the Americans looking forward to as a result of this standoff with Saddam?

- A) An easy American victory.
- B) Another term in office for George Bush.
- C) Six months of bloody conflict in Iraq.
- D) Economic prosperity dawning on America after the war.

5) According to the passage, the "conventional view" or the "old model" is based on:

- A) Economic prosperity
- B) High-tech weapons
- C) Plenty of hope
- D) Political correctness

Directions for Questions 6-9:

Choose the option, which will CORRECTLY fill the blank.

6) Every other creature communicates _____ the same channels by which it senses the world.

- A) Through
- B) In
- C) At
- D) Within

7) As I sat waiting outside the office, the more I thought _____ the coming interview, the more nervous I got.

- A) After B) Into C) Of D) About

8) A bench _____ Chief Justice V.N. Khare and Justice S.B. Sinha treated the letter as a petition and issued notices to the Centre today.

- A) On B) In C) Of D) Off

9) Our plane stopped ____ Ranchi on the way to Calcutta.

- A) In B) At C) On D) By

Directions for Questions 10-12:

Choose the word nearest in meaning to the word in *ITALICS* from the given options.

10) The *attendant* was not careful.

- A) Helper B) Friend C) Associate D) Applicant

11) The enmity between the two was *apparent*.

- A) Sudden B) Evident C) Unnoticed D) Rumored

12) The girl was charged with *homicide*.

- A) Suicide B) Malpractice C) Murder D) Burglary

Directions for Questions 13-15:

Choose the answer option, which will **CORRECTLY** fill the blank.

13) *The God of Small Things* was hailed as _____ book of the year.

- A) The B) A C) An D) No article required

14) Beer is _____ drink for the Delhi summer.

- A) The B) A C) An D) No article required

15) __ Indian Railways is __ biggest railway network in __ world and Aramco Railway comes __ close second.

- A) A, a, an, the B) The, a, the, a C) The, the, the, a D) The, a, the, an

Section 2 - Analytical & Numerical Ability

No. of Questions: 15
Duration in Minutes: 15

16) 4% is equal to one out of every:

- A) 12 B) 20 C) 40 D) 25

17) A fruit seller had some apples. He sold 40% of them and was left with 420 apples. How many apples did he have initially?

- A) 280 B) 600 C) 700 D) None of the options

18) A mango vendor bought 120 mangoes for Rs. 528 and sold them at a profit of 20%. What is the selling price of each mango?

- A) Rs.4.60 B) Rs.5.28 C) Rs.5.50 D) Rs.6

19) Ten men can paint a room in 3 hours. How many hours would 5 men take to paint the room, if they work at the same rate?

- A) 6 hours B) 1.5 hours C) 10 hours D) None of the options

20) Samarth asked his friend: "What will be the time after 2 hours 30 mins, if the time was 3:45 p.m. half an hour ago?" What should be his friend's reply?

- A) 6:30 p.m. B) 6 p.m. C) 6:45 p.m. D) None of the options

Directions for Questions 21-24:

Read the following information and answer the questions that follow:

There are four boys - Anil, Bhasker, Chandan and Devendra, and four girls - Esha, Fatima, Godavari and Harshita. They are sitting around a circular table (facing the centre of the table), in the following manner:

- A. Boys and girls and sitting alternately.
- B. Bhasker and Davendra are sitting directly opposite each other.
- C. Esha is sitting between Anil and Bhasker.
- D. Fatima is sitting to the immediate right of Bhasker.
- E. Fatima and Godavari are sitting direct opposite each other.

21) Who is sitting opposite Esha?

- A) Fatima B) Harshita C) Godavari D) Chandan

22) Who is to the immediate right of Davendra?

- A) Harshita B) Fatima C) Anil D) Godavari

23) Who is at the second position to the left of Harshita?

- A) Godavari B) Chandan C) Fatima D) Esha

24) Who is to the immediate right of Godavari?

- A) Anil B) Davendra C) Chandan D) Harshita

25) If KINLEY is written as IGLJCW, what is the code for BISLERI?

- A) ZGJQPW B) ZGQJCPG C) ZJQGCPW D) AGJQCPW

Directions for Question 26:

Given below are four figures, of which three are similar and the fourth one is different. Find the odd figure.

26) A)



B)



C)



D)

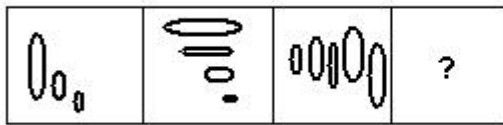


Directions for Question 27:

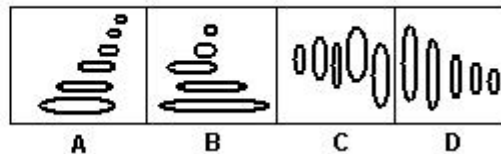
In the following questions, three figures are given, that follow a certain sequence or pattern. Find the next figure in the sequence from the answer choices provided below.

27)

Problem Figures



Answer Figures



A) A

B) B

C) C

D) D

Directions for Question 28:

Each question has two statements and some conclusions. Choose the conclusion that logically follows:

28) All women are tigers.
No tiger is beautiful.

- A) All women are beautiful.
- B) No woman is beautiful.
- C) Some women are beautiful.
- D) None of the options

Directions for Question 29:

Assuming the statement given in each question to be true, point out the inference as one of the following:

- (A)- True
- (B)- False
- (C)- Uncertain
- (D)- None of the options

29) Statement: No rich is poor.
Inference: No poor is rich.

A) A

B) B

C) C

D) D

Directions for Question 30:

In the following questions, mark:

- 1, if statement I alone can help determine the conclusion
 - 2, if statement II alone can help determine the conclusion
 - 3, if statement I and II taken together can help determine the conclusion
 - 4, if none of the statements, taken together or separately, can help determine the conclusion
- 30) Conclusion : Mathew does not speak English.

Statement I: Mathew speaks French.

Statement II: Mathew speaks only one of the two languages - English and French.

A) 1

B) 2

C) 3

D) 4

Section 3 - Learning Ability

No of Questions: 5
Duration in Minutes: 10

Directions for Questions 31-35:

Read the passage and answer the questions that follow on the basis of the information provided in the passage.

DATA TYPES AND TABLE STRUCTURES

Databases and database technology have a major impact on the growing use of computers. It is fair to say that databases will play a critical role in almost all areas of computer usage, including business, engineering, medicine, law, education and library science to name a few. A database is a collection of related data. By data, we mean known facts that can be recorded and that have implicit meaning. For example consider the names, telephone numbers, and addresses of the people you know.

Generally data in databases is contained in objects called tables. Each table represents some type of object meaningful to the users. For example, in a school database you would expect to find tables such as a class table, an instructor table, and a student table.

The tables have two main components:

*** Columns**

Each column represents some attribute of the object modeled by the table, such as a Students table having columns for RollNo, Name and Course

*** Rows**

Each row represents an individual occurrence of the object modeled by the table. For example, the Students table would have one row for each student studying in the School/College.

Because each column represents one attribute of an object, the data in each occurrence of the column is similar. One of the properties of a column is called its data type, which defines the type of data the column can hold. A Database supports several base data types like int, char,date etc. int can hold integers (ex: 5000) , char can hold characters (ex: "Hello"), date can hold date values (ex: 01-Jan-1980) and so on.

Columns can either accept or reject NULL values. NULL is a special value in databases that represents the concept of an unknown value. NULL is not the same as a blank character or 0. Blank is actually a valid character, and zero is a valid number, while NULL just represents the idea that we do not know what the value is. NULL is also different from a zero length string. If a column definition contains the NOT NULL clause, you cannot insert rows having the value NULL for that row. If the column definition has just the NULL keyword, it accepts NULL values.

The Database Server stores the data defining the configuration of the server and all its tables in a special set of tables known as system tables. Users should not query or update system tables directly. Only the Database Server should reference the system tables in response to administration commands issued by users.

31) Data in Databases are usually stored in the form of _____

- A) Objects B) Text C) Numbers D) Tables

32) Given the following table, can you identify the row and column number respectively pertaining to the student who has secured the highest percentage of marks.

Roll No.	First Name	Last Name	Initials	Percentage of Marks Scored
10021	Rajesh	Kamath	K	88
10032	Sajeew	Krishnan	R	79
10053	Ranganath	Shetty	M	91
10074	Sushma	Khanna	A	89
10077	Rakesh	Malhothra	J	90
10084	Ramesh	Krishna	H	77

- A) 5th row, 5th column B) 6th row, 5th column C) 3rd row, 5th column D) 5th row, 3rd column

33) Given a record containing the following data:

Rajesh, Kumar, 10-Jun-2002, Science, 5000

How many different data types exist in the following record and what are they?

- A) 2, 3 char datatypes, 2 integer datatypes
 - B) 3, 1 char datatype, 1 integer datatype, 1 date datatype
 - C) 3, 2 char datatypes, 1 integer datatype, 1 date datatype
 - D) 3, 3 char datatypes, 1 integer datatype, 1 date datatype
-

34) From the statements given below, identify the one which best describes NULL

- A) Columns that are defined as NULL contain no data
 - B) You can enter data of any datatype into a NULL column
 - C) Saying that a column has a NULL value is as good as saying that the column contains a zero length string
 - D) NULL is a special value in a database which can be used to represent an unknown value
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35) Identify the statement(s) that is/are TRUE w.r.t. a System Table.

- A) The configuration details of the Server are stored in a special set of tables known as System Tables.
- B) The users can directly query these tables, but cannot update it directly
- C) The only way by which the user can access these tables is through administration commands
- D) More than one of the options