Section 1: Quantitative Aptitude

Q .1 Today Rose is twice as old as Sam and Sam is 3 years younger than Tina. If Rose, Sam and Tina are all alive 4 years from today, which of the following must be true on that day?
1. Rose is twice as old as Sam
2. Sam is 3 years younger than Tina
3. Rose is older than Tina

a) 1 only   b) 2 only

c) 3 only   d) 1 and 2 e) 2 and 3

Q.2 Three bulbs are chosen at random from a collection of 8 bulbs of which five are good bulbs. Find the probability that the room is lighted.

a) 1/56   b) 55/56

c) 53/56   d) 41/143

Q.3 Milk and water are in the ratio of 8:5 in a vessel. In the other vessel they are in 9:5 ratio. In what proportion should the quantities be taken from the two vessels so as to form a mixture in which the milk and water will be in 5:3 ratio.

a) 5:8   b) 14:3

c) 13:7   d) 7:13

Q.4 How many cubes of side 5 cm each can be cut from a cuboidal wooden block of dimension 36cm × 28cm × 24cm?

a) 84   b) 200

c) 70   d) 140

Q.5 The average of 6 numbers is 3.95 if the average of the two of them is 3.4 while that two is 3.85 what is the average of remaining two numbers?

a) 4.8   b) 4.7

c) 4.6   d) 4.5

Q.6 The students in three classes are in the ratio of 2:3:5 if 40 students are increased in each class the ratio changes to 4:5:7 , the total number of students was _____

a) 100   b) 200

c) 180   d) 400

Q.7 How many multiples of 4 are there between 12 and 96, inclusive?

a) 21   b) 22

c) 23   d) 24

Q.8 In a shipment of television, 1/50 of the televisions are defective. What is the ratio of defective to non defective televisions?

a) 1/200   b) 1/50

c) 1/49   d) 50/1

SURANCE

Q.9 There are 15 balls in a box: 8 balls are green, 4 are blue and 3 are white. Then 1 green and 1 blue balls are taken from the box and put away. What is the probability that a blue ball is selected at random from the box?

a) 3/13   b) 4/15

c) 3/15   d) 4/13

Q.10 A group of 7 friends are having lunch together. Each person eats at least 3/4 of a pizza. What is the smallest number of whole pizzas needed for lunch?

a) 7   b) 5

c) 6   d) 28

Section 2: Data Interpretation

Car sales from Jan--June

STATE	Jan.	Feb.	March	April	May	June	Total
Delhi	34	47	45	54	56	60	296
Punjab	40	44	36	47	47	46	260
Haryana	37	32	32	32	34	33	200
Maharashtra	14	14	14	16	17	14	89
Kerala	29	29	28	31	29	31	177
Hyderabad	22	24	24	26	25	23	144
Total	176	190	179	206	208	207	1166

The table above shows the unit sales of car in the six states of India during the six month period by a car manufacturing company. Use the information to answer the following questions:

Q.11 What percentage of overall total car sales was sold in Delhi?

a) 22

b) 25.4

c) 26

d) 24.6

Q.12 What percentage of overall total was sold in the month of May?

a) 24.1   b) 25.6

c) 27.1   d) 17.8

Q.13 Which month showed the biggest increase in total sales from the previous month?

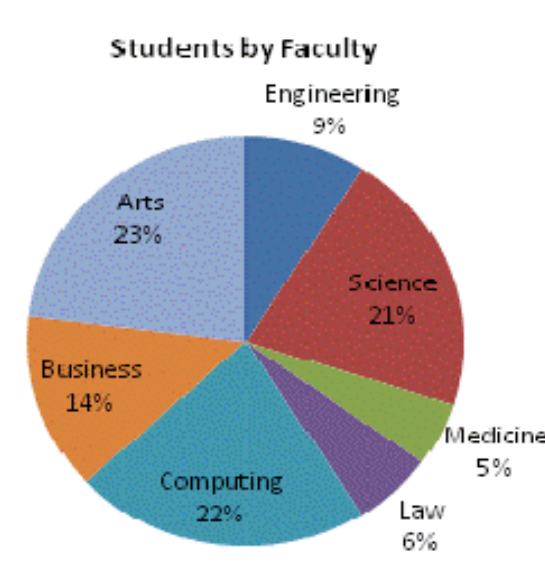a) February   b) March

c) April   d) May

Q.14 What is the average number of units per month sold in the Hyderabad region over the first four months of the year?
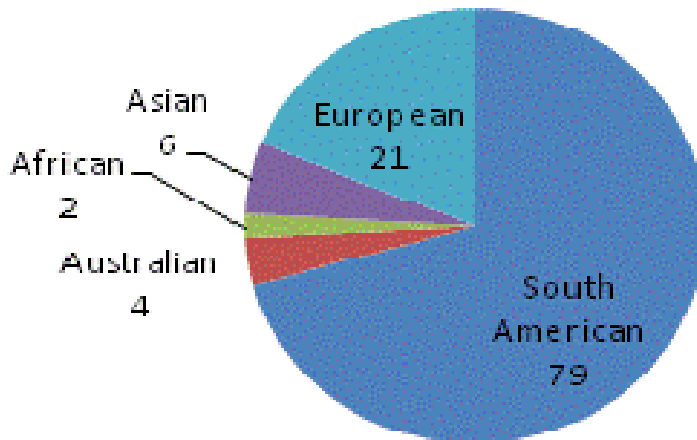
a) 22   b) 23

c) 24   d) 25

Q.15 What percentage of total sales is accounted for by the three small states?

    a) 37.1
    b) 14.8
    c) 40
    d) 35.1

Students by Faculty

- Engineering 9%
- Science 21%
- Medicine 5%
- Law 6%
- Computing 22%
- Business 14%
- Arts 23%

Arts Students (Non-US)

- Asian 6
- African 2
- Australian 4
- European 21
- South American 79

The pie charts above show the percentage of students in each faculty at a university and the number of non us students in the arts faculty. These percentages have been rounded to the nearest whole number. There are a total of 1049 students in the Arts faculty. Using the information answer the following questions

Q.16 What percentage of students in the Arts faculty are non-US students?

    a) 14%
    b) 12%
    c) 11%
    d) 10%

Q.17 How many students are there in the Engineering faculty?

a) 420   b) 410

c) 390   d) 440

Q.18 How many students are there at the university?

a) 4560   b) 4650

c) 4550   d) 4600

Q.19 If six percent of Science students are Asian. How many Asian students are there studying science?

a) 48   b) 66

c) 57   d) 75

Q.20 There are 34 European medical students. What percentage of the faculty does they represent?

a) 14%   b) 18%

c)15%   d) 17%

Section 3: Logical Reasoning

Directions for question: Once, Mrs. Singh, Mrs. Mahajan, Mrs. Kumar and Mrs. Sharma went shopping together, each with two activities to perform. One of the women had to visit the hardware shop, two needed to go to the bank, two needed to go to the butcher shop, and all but one needed to buy groceries. Their shopping was simplified quite a bit by the fact that they lived in a small town which had only one store of each kind and only one bank. As a result they were soon done and on their way home if:

Archana didn't go into the grocery store

Both Isha and Mrs. Sharma bought meat.

Tanya came home with more money then she had when she started.

Mrs. Mahajan didn't go into any of the places where Ritu or Mrs. Kumar went.

Answer the following question based on the above information

Q.21 Who did not go to the grocery store?

a) Mrs. Singh   b) Mrs. Mahajan

c) Mrs. Kumar   d) Mrs. Sharma

Q.22 What is the first name of Mrs. Kumar

a) Archana   b) Tanya

c) Isha   d) Can't be determined

Q.23 Which two places are visited by Mrs. Singh?
    a) Grocery and Meat   b) Hardware and Meat
    c) Grocery and Bank   d) Meat and Bank

Q.24 Suresh is taller than Prabhu but shorter than Ram, Prabhu is as tall as Neeraj but taller than Nilesh. Which of the following statements is definitely true for Neeraj?
    a) Neeraj is shorter than Nilesh   b) Neeraj is the tallest
    c) Neeraj is the shortest   d) Neeraj is taller than Nilesh

There is a five storey building including the ground floor and each floor has only one flat. All these flats have been occupied by the five Bank Probationary Officers. Each officer owns a different car. The cars are: Indica, Ikon, Indigo, Elentra and Santro. The five officers :A, B, X, Y and Z are employed in the different banks, viz., State Bank of India (SBI), Punjab National Bank (PNB), UCO Bank, ICICI Bank and HDFC Bank but not necessarily in the same order. Mr. X works in HDFC Bank and lives on the ground floor. The officer who lives on fourth (top) floor does not own Elentra or Santro. Mr. B works in PNB and owns Elentra car. The officer who works in UCO Bank and lives on second floor owns Indica car. Mr. Y lives on third floor and owns Indigo. Mr. Z works in ICICI Bank and Mr. Y works in State Bank of India.

Use the information for answering the following questions

Q.25 Who among the following owns Santro car?
    a) A   b) B
    c) X   d) None of these

Q.26 Who lives on the second floor?
    a) X   b) Y
    c) Z   d) A

Q.27 On which floor does B lives?
    a) First   b) Second
    c) Third   d) Fourth

Q.28 Which among the following owns Indica car?
    a) X   b) A
    c) Y   d) B

Q.29 Which among the following of the combination of officer and car is correct?
    a) Mr. X--------Elantara   b) Mr. Y--------Ikon
    c) Mr.Z--------Ikon   d) Mr. A------Santro

Q.30 Pointing towards a woman a boy said she is the only daughter of my mother's brother's only brother-in-law?. How the woman is related to the bo

Section 4: Financial Markets Awareness

Q.31 DJIA stands for
a) Dow Jones Industrial Average   b) Dow Jones Infrastructure
Average
c) Dow Jones Indian Average   d) None of the above

Q.32 What does the bull and bear (in stock market terminology) stand for?
a) They are the sign that the stock market is opened and closed
b) The bull indicate that the market is falling while bear indicate that the market is rising
c) The bull indicate that the market is rising while bear indicate that the market is falling
d) All of the above

Q.33 What is the number companies included in NIFTY?
a) 20   b) 30
c) 40   d) 50

Q.34 How do you profit by "short selling" in stock market
a) Buying low and selling high   b) Buying high selling low
c) Selling high buying low   d) Selling low and buying high

Q.35 What is an IPO?
a) Last trading day   b) Stock Split
c) Dividend Day   d) Public Offering

Q.36 The first public sector quoted on BSE ?
a) BPCL   b) HPCL
c) ONGC   d) GAIL

Q.37 Which among the following is index for National Stock Exchange?
a) SENSEX   b) NIFTY
c) DOW JONES   d) None of the above

Q.38 Who is the stock market regulator in India?
a) Reserve Bank of India   b) IRDA
c) SEBI   d) None of the above

Q.39 An account where shares are held in electronic form are known as
a) Bank account   b) Joint account
c) Demat account   d) None of the above

Q.40 Stocks of well established companies having good earnings and consistent performance
over a period of time are known as
a) Red chip stocks   b) Green stocks
c) Blue chip stocks   d) All of the above