

QUESTION PATTERN AND SAMPLE(B.SC)

Section I : General Aptitude

- A. The coalition central government in power in India is
- a) UPSC c) UPA
 - b) Congress d) NDA
- B. Canine is a term referred to the species of the _____ family.
- a) Cow c) Cat
 - b) Monkey d) Dog
- C. Recently a new government has been formed in UK under the leadership of
- a) Tony Blair
 - b) Gordon Brown
 - c) David Cameron
 - d) Grady Booch
- D. The ongoing Census 2011 in India is the _____ National Census.
- a) 15th c) 16th
 - b) 13th d) 12th
- E. The Eyjafjallajökull volcanic eruption happened in
- a) Moscow c) Ireland
 - b) Nigeria d) Iceland
- F. The UN's Climate Change Conference, December 2009 was held in
- a) Copenhagen
 - b) Seoul
 - c) Geneva
 - d) New York
- G. The FIFA World Cup 2010 will be held in
- a) Brazil

b) South Africa

c) Denmark

d) England

H. In the game of Hockey, each team has ____ players on the field at any one time

a) 11 c) 9

b) 13 d) 10

I. Wimbledon is associated with

a) Football c) Tennis

b) Basketball d) Cricket

J. Circle the odd man out:-

a) P. V. Narasimha Rao

b) Atal Bihari Vajpayee

c) K. R. Narayanan

d) Lal Bahadur Shastri

Section II : Logical Reasoning

In a certain code KNIFE is written as \$3%#5 and LAKE is written as 7@\$5. How is FAIL written in that code?

a) %\$#7 c) #@%7 b) \$@%7 d) \$%@7

FLOWERS : FLORIST

a) Stethoscope : Doctor

b) Weddig : Caterer

c) Rings : Jeweller

d) Pharmacist : Pharmacist

Count the number of triangles in the following figure

a) 8 c) 11

b) 9 d) 13

Insert the missing number

857, 969, 745, 1193, ?

a) 2093 c) 297

b) 1400 d) 2089

A second is _____ fraction of an hour.

a) $\frac{1}{24}$ c) $\frac{1}{60}$

b) $\frac{1}{120}$ d) $\frac{1}{3600}$

Which part contains the fractions in ascending order?

a) $\frac{11}{14}$, $\frac{16}{19}$, $\frac{19}{21}$

b) $\frac{16}{19}$, $\frac{11}{14}$, $\frac{19}{21}$

c) $\frac{16}{19}$, $\frac{19}{21}$, $\frac{11}{14}$

d) $\frac{19}{21}$, $\frac{11}{14}$, $\frac{16}{19}$

Complete the following

B G N ?

F M V V

a) I c) M

b) P d) K

Which one does not belong to the group?

a) Pencil c) Chalk

b) Notebook d) Pen

I. SKEPTICAL : DOUBT

a) Resolute : Determination

b) Pristine : Grace

c) Tainted : Honour

d) Stringent : Suggestions

Section III : Basic Arithmetic Skills

The circumference of a Compact Disc can be measured as

- a) πr^2 c) $2\pi r$
- b) $2\pi r^2$ d) $\pi r^2 h$

Two apples and three mangoes cost Rs.86. Four apples and a mango cost Rs.112. Find the cost of an apple.

- a) 35 c) 20
- b) 30 d) 25

The average of 11, 23, K is 40, the value of K is

- a) 86 c) 120
- b) 35 d) 12

The LCM of 24, 39, 60 and 150 is

- a) 7800 c) 3900
- b) 15600 d) 5200

There are 10 TRUE and FALSE questions. The number of ways they can be answered is

- a) $10!$ c) 210
- b) 10^2 d) 10

Divide 378 into two parts in the ratio of 2:7.

- a) 84 & 294 c) 80 & 298
- b) 42 & 336 d) 126 & 252

Convert 0.5% into fraction.

- a) $\frac{1}{5}$ c) $\frac{1}{20}$
- b) $\frac{1}{500}$ d) $\frac{1}{200}$

A train travels 82.6 km/hour. How many metres will it travel in 15 minutes?

- a) 20.65 c) 206.50
- b) 2065 d) 20650

Susan can type 10 pages in 5 minutes. Mary can type 5 pages in 10 minutes. Working together, how many pages can they type in 30 minutes?

a) 15 c) 20

b) 25 d) 75

Two numbers are in the ratio 2:3. If 5 is added to each number, the ratio becomes 5:7. The numbers are

a) 30 & 42 c) 20 & 30

b) 35 & 49 d) 20 & 42

There are 10 TRUE and FALSE questions. The number of ways they can be answered is

a) 10! c) 210

b) 102 d) 10

75% of 48 is

a) 64 c) 48

b) 36 d) 0.36