

SAMPLE TEST FOR BS AND M.Sc. PROGRAMS

Quantitative

Q.1 what is next term of the sequence 2,4,6,8, ?

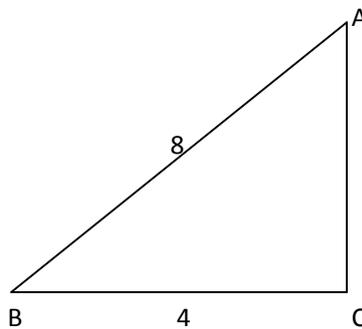
- a. 9 b. 10 c. 12 d.11 e. None

Q.2 if the ratio of $\frac{1}{5}$ to $\frac{1}{4}$ is equal of $\frac{1}{4}$ to X, then what is the value of X?

- a. $\frac{5}{16}$ b. $\frac{1}{5}$ c. 5 d. $\frac{4}{5}$ e. $\frac{5}{4}$

Q.3 In triangle ABC, what is the value of xo?

- a. 75
b. 60
c. 45
d.30
e. 15



Analytical

Q.1 A group of six people—David, Ellen, Fred, Luke, Mike, and Sam—ran a series of races obeying the following conditions:

- ❖ Sam finished last in every race.
- ❖ Ellen finished before David in every race.
- ❖ Mike finished before Fred in every race.
- ❖ Luke finished somewhere between David and Fred in every race.

Which of the following is a possible order, from first to last?

- a) Fred, Mike, Luke, Ellen, David, Sam
b) Mike, David, Luke, Fred, Ellen, Sam
c) Mike, Ellen, David, Luke, Fred, Sam
d) Mike, Fred, Luke, David, Ellen, Sam
e) Mike, Luke, Fred, Ellen, David, Sam

Q.2 If two coins are tossed simultaneously, the probability of appearing exactly one Head is:

- a. $1/4$
- b. $2/4$
- c. $3/4$
- d. 1

Q. 3 Complete the series: M T W T F S ?

- a. M
- b. W
- c. T
- d. S

ENGLISH

Q.1 The following item consists of a related pair of words presented in capital letters, followed by five lettered pairs of words in lower letters. Choose the lettered pair that best expresses a relationship similar to that expressed in the original pair.

HAND: WRIST

- (a) muscle:bone
- (b) tendon:finger
- (c) foot:ankle
- (d) skull:brain
- (e) ear:hair

Q.1 Choose the lettered word that is most nearly opposite in meaning to that give in capital letters.

FLUCTUATE

- (a) magnate
- (b) canter
- (c) inflate
- (d) spin
- (e) stabilize