**SET 5 SEE-2074 [ CDR-BC]**

Group (A)6×1 = 6

1.a If the market price of article is Rs. X ,discount amount is Rs y and the vat amount is Rs z then what is the selling price of the article including VAT?

1.bWrite down the total surface area of a square based pyramid having base side x cm and slant height y cm .

2.a Write down the order of surd in .

2.b What does the h denotes in the formula Q1=L †×h ? write it.

3.a In the given figure , AB ⁄⁄ DE and AD ⁄⁄ BC .Write relation between the areas of ∆ABE and ABCD .

A D

B C

E

3.b In the given circle , what is the relation of PQR and ∡PSR ? write it. Q S

P R

Group (B) 17×2= 34

4.a According to the money exchange rate of Nepal Rastra Bank , the purchasing and selling rate of one American dollar are NRs. 103.72 and NRs. 104.32 respectably then,

1. How many American dollar can be exchanged with NRs.57,376? Fine it.
2. How much Nepali rupees can be exchanged with $500? Fine it.