

Student's Name	No.
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Choose the most correct answer:

Calculate $A_{1\%}^{1\text{cm}}$ for:

- A compound with absorption of 0.524 and concentration of 0.002% w/v.
A. 2.62 B. 262 C. 2620 D. 26200

- A compound with absorption of 0.715 and concentration of 10 $\mu\text{g/ml}$.
A. 7150 B. 7.15 C. 715 D. 71500

- A student has assayed 166 mg tablet powder {The average tablet weight= 300 mg, stated to contain 250 mg of aminophylline} against 0.05 M H_2SO_4 and the end point was 23.5 ml. Calculate the % content of ethylene diamine.
A. 42.46 B. 84.92 C. 88.29 D. 51.08

- The principle of assay of Ascorbic acid.
A. Spectrophotometry. B. Compleximetry. C. Acid-Base. D. Redox.

- The principle of assay of Aminophylline.
A. Spectrophotometry. B. Compleximetry. C. Acid-Base. D. Redox.

- The principle of assay of Clomiphen citrate.
A. Spectrophotometry. B. Compleximetry. C. Acid-Base. D. Redox.

7. The principle of assay of Aspirin.

A. Spectrophotometry. B. Compleximetry. C. Acid-Base. D. Redox.

8. The principle of assay of Methyl Dopa.

A. Spectrophotometry. B. Compleximetry. C. Acid-Base. D. Redox.