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APPENDIX A

Definition of each objectives and example of test

1. Recall involves remembering the facts, principles, processes, patterns and methods necessary for efficient performance of a professional task.

Example: The acute inflammatory response of wound healing is characterized by all of the following EXCEPT :

- a. The presence of histamine
- b. The presence of kinins
- c. The proliferation of mononuclear cells
- d. The movement of the formed elements of the blood
- e. Increase vascular permeability

2. Interpretations of data. This is a process of application or use of ideas, principles or methods to deal with a new phenomenon or situation

Example: A patient has carcinoma of breast, size 4 cm., with ulceration of the overlying skin, without fixation to underlying muscle, ipsilateral axillary lymph nodes are palpable and mobile. There are no evidence of metastasis.

The clinical staging should be

- a. T1 N0 M0
- b. T2 N1 M0
- c. T3 N2 M0
- d. T4 N1 M0
- e. T4 N2 M1

3. Problem Solving (relating to diagnosis , treatment organization etc.) This at best should include finding solutions for a problem arising from new situations with no precedent to serve as a guide.

Example : A 50 year old man has sudden and severe abdominal pain followed by generalized tenderness and rigidity. Serum amylase is 120 units. X-ray shows no free air under the diaphragm. The proper management should be :

- a. emergency upper GI study.
- b. barium enema study.
- c. give antibiotics and observe.
- d. emergency exploratory laparotomy.
- e. repeat x-ray acute abdomen in 6 hours.



APPENDIX B

Kuder-Richardson Formula 21 for
calculation of test reliability

Reliability Coefficient (KR21)

$$= \frac{K}{K-1} \left(1 - \frac{M(K-M)}{Ks} \right)$$

where K = the number of items in the test

M = the mean (arithmetic average) of the test score

s = the standard deviation of the test score

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CURRICULUM VITAE

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