

# PathMD™: Board Review Letter

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Cytology – Part 1 (ANSWERS)

Volume 1, Number 4

1. Which of the following statement about this microorganism is correct?
  - B. It causes infection in immuno-compromised host.
2. A 22 year old male presents with fever, weight loss and shortness of breath. BAL is performed. What is the diagnosis?
  - B. Disseminated histoplasmosis
3. Pap smear of 66 year old female shows
  - C. Papillary serous carcinoma
4. Sputum of a 56 year old male shows
  - D. Small cell carcinoma
5. Pap smear of a 44 year old female is best classified as
  - D. Positive for squamous cell carcinoma
6. FNA of a 2 cm painful parotid mass in a 44 year male shows
  - D. Adenoid cystic carcinoma
7. Fine needle biopsy has been taken from a unilateral 3 cm. parotid mass in a 45 year old female with long standing history of Sjogren's syndrome. Flow cytometry will most likely show
  - A. Positivity for CD 10, CD 19, CD 20
8. Photomicrograph of a 1.5 cm parotid mass shows
  - A. Pleomorphic adenoma
9. FNA of a 3 cm parotid mass in 56 year old male shows
  - B. Warthin's tumor
10. FNA of a 2 cm. subcutaneous mass shows
  - C. Metastatic malignant melanoma
11. The tumor cells of the FNA of a 3 cm parotid mass in a 44 year male show
  - B. cytoplasmic PAS positivity
12. 44 year old male with presents with fever, weight loss, and shortness of breath. What is the diagnosis of his broncho-alveolar lavage?
  - C. Cytomegalovirus pneumonitis

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13. FNA of a diffusely enlarged thyroid in a 40 year old female shows

A. Hashimoto's thyroiditis

14. FNA of a diffusely enlarged thyroid gland in a 45 female with prior history of Hashimoto's thyroiditis is shown. These cells most likely express

C. CD 20

15. The FNA of a 2 cm. thyroid mass in a 30 year old female most likely represents

D. Medullary carcinoma

16. FNA of a liver mass in a 55 year old male most likely represents

A. Metastatic small cell carcinoma