

第一大題 1-12，單選，每一小題2分，請將答案填寫於答案卷第一頁【選擇題作答區】內

1. Which of following is the greater palatine foramen most commonly located?
 - A. Medial to the second molar
 - B. Between the second and third molar
 - C. Medial to the third molar
 - D. Distal to the third molar

2. Which of the following feature is shared by localized and generalized forms of aggressive periodontitis?
 - A. Familial aggregation
 - B. Clinically unhealthy patients
 - C. Hyporesponsive macrophage phenotype
 - D. Decreased presence of *A. actinomycetemcomitans*

3. Which of the following cytokine did not be increased after activation of macrophages and lymphocytes of chronic periodontitis?
 - A. PGE₂
 - B. IL-1 β
 - C. TNF- α
 - D. Leukotriene B₄

4. What is the most common desensitizing agent currently used in toothpaste?
 - A. Triclosan
 - B. Pyrophosphate
 - C. Potassium nitrate
 - D. Strontium chloride

5. Which study design is used to investigate the association between risk factors and disease prevalence?
 - A. Case-control study
 - B. Cross-sectional study
 - C. Retrospective cohort study
 - D. Prospective longitudinal study

6. At the interdental septum, the average distance between the crest of the alveolar bone and the cemento-enamel junction is:
 - A. 0.20-0.40 mm
 - B. 0.50-0.75 mm
 - C. 1.00-2.00 mm
 - D. 2.50-3.50 mm

7. Which of the following situation is the most critical determinant of non-surgical periodontal treatment outcome?
 - A. Age of the patient
 - B. Use of systemic antibiotics
 - C. Quality of root debridement
 - D. Choice of treatment modality

8 After gingivectomy, the epithelium in healing wound will migrate under the layer of PMNs at an average rate of:

- A. 0.25mm/day.
- B. 0.50mm/day.
- C. 0.75mm/day.
- D. 1.00mm/day.

9. According to the study of N.P.Lang et al. (1973), the longest interval between effective oral hygiene procedures that maintains gingival health is ____ hours.

- A. 12
- B. 48
- C. 72
- D. 96

10. Which is the possible source of granulation tissue having the capacity to induce the development of keratinized epithelium following mucogingival surgery?

- A. Residual periosteum
- B. PDL
- C. Bone marrow spaces
- D. Connective tissue of the alveolar mucosa

11. How many bony walls are present in an interdental crater?

- A. 1
- B. 2
- C. 3
- D. 4

12. According to the American Diabetes Association, a fasting blood glucose at or above what level is consistent with a diagnosis of diabetes mellitus?

- A. 100 mg/dL
- B. 126 mg/dL
- C. 140 mg/dL
- D. 200 mg/dL

第二大題 問答題:

13. For patients with dental implant, how often and what procedures would be carried out for the recall visit? (18 %)

14. Describe the reasons which make the reduction of probing depth after phase I therapy. (15 %)
If a 5mm pocket still remained after phase I therapy, how will you treat it? why? (10%)

15. "Older subjects have greater risk of disease progression and worse treatment outcome than younger ones."
Do you agree this? Please describe the reasons why or why not. (15 %)

16. Please describe the treatment methods in your clinical practice for the upper molars with Class II furcation involvement, and explain why? (18%)