



**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**  
**(Deemed to be University under section 3 of the UGC Act 1956)**

**Dentistry**

**Instructions / Note:**

1. Answer all the questions. Each question carries one mark.
2. No negative marks for wrong answers.
3. Read each question carefully and answer in the OMR sheet provided for each question with only blue/ black pen to fill the circles in the OMR Sheet.
4. Return the question paper along with the OMR sheet.

Time: 90 Minutes

Venue: \_\_\_\_\_.

[35X1=35]

**Part-B**

1. Ki67 protein level reaches its peak during
  - a. G1 phase
  - b. G2 phase
  - c. M phase
  - d. Both G2 and M phase
2. The histopathology does not show giant cells predominance
  - a. Brown tumor
  - b. Aneurysmal bone cyst
  - c. Giant cell granuloma
  - d. Non-ossifying fibroma
3. Histopathologically neurovascular bundles are seen in capsule of
  - a. Radicular cyst
  - b. Dentigerous cyst
  - c. Nasopalatine duct cyst
  - d. Lateral periodontal cyst
4. Myophimystic anemia is a feature of
  - a. Osteoporosis
  - b. Osteopetrosis
  - c. Osteogenesis imperfecta
  - d. Vanishing bone disease



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5. The snow capped pattern is a subtype of
- a. Hypocalcification
  - b. Hypomaturation
  - c. Hypoplastic type
  - d. Hypoplastic-hypomaturation
6. Hamazaki – wesenberg bodies in histopathology is a feature of
- a. Wegener's granulomatosis
  - b. Midline lethal granuloma
  - c. Sarcidosis
  - d. Crohn's dieases
7. Survey and fact finding enquiries is a
- a. Descriptive research
  - b. Fundamental research
  - c. Analytical research
  - d. Applied research
8. Cross sectional collection of data for an intensive analysis is an example for
- a. Research method
  - b. Research technique
  - c. Library research
  - d. Laboratory research
9. Epithelial theque is histological feature of
- a. Lateral periodontal cyst
  - b. Gingival cyst of new born
  - c. Thyroglossal duct cyst
  - d. Branchial cleft cyst
10. Leucocytoclastic vasculitis is a feature of
- a. Midline lethal granuloma
  - b. Mycositis fungidosis
  - c. Wegener's granulomatosis
  - d. Lofgren's syndrome
11. Bcl2 gene mainly involved in the
- a. Cell proliferation
  - c. Apoptosis
  - c. Angiogenesis
  - d. Receptor ligand interaction



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12. Nevoid basal cell carcinoma syndrome is mapped to chromosome
- a. 9p22
  - b. 9q22
  - c. 19q22
  - d. 19p22
13. Hydatid cyst is caused by larva of
- a. Echinococcus granulosus
  - b. Echinococcus multilocular
  - c. Tenia solium
  - d. Tenia saginata
14. According to Praetorius 2006 classification of odontogenic ghost cell lesions the ghost cell odontogenic carcinoma is considered under
- a. Group 1
  - b. Group 2
  - c. Group 3
  - d. Group 4
15. The cyst that contains low Sulphur containing amino acid is
- a. Epidermoid cyst
  - b. Trichilemmal cyst
  - c. Bronchial cleft cyst
  - d. Lymphoepithelial cyst
16. A 12-year-old child has Class II malocclusion with deep bite and retruded mandible. What will be the treatment of choice?
- a) Functional appliance
  - b) High pull head gear
  - c) Reverse head gear
  - d) Reverse twin block
17. The calcification of primary teeth begins about
- a) 11<sup>th</sup> week of IUL
  - b) 12<sup>th</sup> week of IUL
  - c) 14<sup>th</sup> week of IUL
  - d) 16<sup>th</sup> week of IUL
18. Kinesiology is the study of movement resulting from action of
- a) Nerve
  - b) Muscles
  - c) Blood vessels
  - d) Cells



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19. During face mask therapy forces are applied
- Parallel to the occlusal plane
  - 30 degree downward
  - 15 degree downward
  - 45 degree downward
20. Not true about couple
- It will always lead to tipping and torque when applied edgewise
  - It will cause pure rotation at Centre of Resistance
  - It will not lead to change in centre of resistance
  - It will not always lead to tipping and torque when applied edgewise
21. Not true about lip bumper
- Buccal displacements of deciduous molars
  - Distolingual rotation of molars
  - Distalization of molars
  - Lingual tipping of incisors
22. Stanley Kerber analysis is a modification of which analysis
- Total arch perimeter
  - Tanaka Johnston
  - Moyer's analysis
  - Hixon and old father
23. A spring with 150gm load is activated to 3mm distance. The load deflection rate produced will be:
- 150gm
  - 50gm
  - 300gm
  - 450gm
24. An intensely negative emotional response to a minimal or non-existent defect in the patient's appearance is
- Panic disorder
  - Bipolar disorder
  - Attention deficit disorder
  - Body dysmorphic disorder
25. Surface roughness of an orthodontic miniscrew implant can be measured by:
- Gyrometer
  - Androidometer
  - Profilometer
  - Resonance analyzer



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26. Eruption cyst is most commonly seen in:

- a) Primary second molar
- b) Primary canine
- c) Primary first molar
- d) Primary incisors

27. Ulceration of the sublingual area in infants was first described by:

- a) Riga
- b) Fede
- c) Cohen
- d) Cardarelli

28. Father of modern day psychology is:

- a) Jean Piaget
- b) Sigmund Freud
- c) Eric Erikson
- d) Maslow

29. The term audio-analgesia is also known as :

- a) Hypnosis
- b) Voice control
- c) HOME
- d) White noise

30. Which of the following classification of uvula patients will have an increased risk of developing airway obstruction especially during conscious sedation:

- a) +4
- b) +1
- c) +2
- d) +3

31. All are mixed nerves except

- a) Accessory
- b) Glossopharyngeal
- c) Facial
- d) Trigeminal

32. Rigid but not load bearing

- a) 2.7mm reconstruction plate
- b) 2.4mm reconstruction plate
- c) DCP or lag screw
- d) 2mm mini plate



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33. All are true for maxillary fracture except

- a) Geriatric maxillary fracture difficult to treat
- b) Paediatric maxillary fracture is more comminuted
- c) Midpalatal fracture is 8% incidence
- d) All 4 Buttresses are seldom fracture

34. Severe cervical spine fracture, how will you maintain the stability

- a) Rigid cervical collar
- b) Soft cervical collar
- c) Backboard
- d) Holding with hand

35. A patient with Ludwig's angina came to the emergency with signs of difficulty in breathing. The emergency treatment in such patients would involve

- a) Tracheostomy
- b) Oropharyngeal intubation using fibre optic guidance
- c) Cricothyrotomy
- d) Incision and Drainage

