

NHM Kollam – Selection cum Screening test for Dental Surgeons – 28/04/2017

Candidate No: _____

Signature of Invigilator: _____

1. Which of the following is associated with delivery of quality healthcare through Government hospitals in Kerala
- a) Aardram Mission
 - b) Harithakeralam Mission
 - c) Life Mission
 - d) Jeevanam Mission

Answer: _____

2. Which nerve is **NOT** likely to be injured during excision of Submandibular Gland
- a) Facial Nerve
 - b) Lingual Nerve
 - c) Hypoglossal Nerve
 - d) Glossopharyngeal Nerve

Answer: _____

3. Carotid Tubercle is prominent in
- a) C2
 - b) T1
 - c) C6
 - d) C7

Answer: _____

4. What is located anterior to the Submandibular Gland
- a) Hyoid Bone
 - b) Body of Mandible
 - c) Anterior belly of Digastric muscle
 - d) Posterior belly of Digastric muscle

Answer: _____

5. Cerebrospinal fluid is produced by
- a) Choroid plexus
 - b) Periventricular grey matter
 - c) Arachnoid granulations
 - d) Pineal Gland

Answer: _____

6. Who is the current Minister for Tourism in Kerala
- a) Shri Ramachandran Kadannappally
 - b) Shri A.C.Moideen
 - c) Shri Kadakampally Surendran
 - d) Shri.K.T.Jaleel

Answer: _____

7. Thattekkad Bird Sanctuary is located in
- a) Ernakulam district
 - b) Idukky district
 - c) Palakkad district
 - d) Thrishur district

Answer: _____

8. Anti Tobacco Day is observed on
- a) 31st May
 - b) 1st November
 - c) 1st December
 - d) 7th April

Answer: _____

9. The organic phase in dentin is primarily composed of
- a) Type I Collagen
 - b) Type II Collagen
 - c) Type III Collagen
 - d) Type V Collagen

Answer: _____

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10. SI Unit of radiation exposure

- a) Roentgen
- b) Sievert
- c) Becquerel
- d) Coloumbs per Kilogram

Answer: _____

11. All are Green House gases **except**

- a) Carbon Dioxide
- b) Ozone
- c) Methane
- d) Argon

Answer: _____

12. Malala Yousafzai, the Nobel laureate belongs to which country

- a) Pakistan
- b) Afghanistan
- c) Iran
- d) Turkey

Answer: _____

13. Normal Albumin : Globulin ratio is

- a) 1 : 7.1
- b) 7.1 : 1
- c) 1 : 1.7
- d) 1.7 : 1

Answer: _____

14. Etching of porcelain ceramic restoration is usually done by ?

- a) Polyacrylic acid
- b) Hydrochloric acid
- c) Hydrofluoric acid
- d) Phosphoric acid

Answer: _____

15. Infection from the dangerous area of the face spreads through

- a) Ophthalmic vein
- b) Maxillary vein
- c) Retromandibular vein
- d) Superficial temporal vein

Answer: _____

16. Green stains found on recently erupted upper anterior teeth of child which are not removed after brushing are due to

- a) Chromogenic bacteria
- b) Neonatal Line
- c) Calculus
- d) Materia Alba

Answer: _____

17. All of the muscles are attached to oblique line of thyroid cartilage except ?

- a) Superior constrictor
- b) Inferior constrictor
- c) Sternothyroid
- d) Thyrohyoid

Answer: _____

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18. Nitrous Oxide that is used as anesthetic agent has mechanism of action as ?
- a) Gasserian ganglion block
 - b) Reversible indirect suppression of CNS
 - c) Blocks peripheral nerves
 - d) Blocks nerve trunks

Answer: _____

19. Bisecting angle technique is based on
- a) ALARA principle
 - b) SLOB technique
 - c) Rule of Isometry
 - d) Convergence

Answer: _____

20. Ehrlich test is used to detect
- a) Urobilinogen
 - b) Protein
 - c) Bile Salts
 - d) Bilirubin

Answer: _____

21. A tooth bud splitting into 2 resulting in formation of 2 incompletely separated crown with single root and root canal is
- a) Fusion
 - b) Gemination
 - c) Concrescence
 - d) None of the above

Answer: _____

22. Thyroid storm can be treated by all the following drugs EXCEPT
- a) Propranolol
 - b) Propylthiouracil
 - c) Aspirin
 - d) Dexamethasone

Answer: _____

23. Flumazenil is the antidote for
- a) Benzodiazepenes
 - b) Barbiturates
 - c) Morphine
 - d) Paracetamol

Answer: _____

24. In cases involving conventional endodontics, the most frequent cause of failure is ?
- a) Apical overfilling of the canal
 - b) External root resorption
 - c) Inadequate filling of the accessory canals
 - d) Incomplete obliteration of the main canal

Answer: _____

25. What is the correct sequence of events
- a) Differentiation of odontoblast, elongation of enamel epithelium, dentine formation, enamel formation.
 - b) Differentiation of odontoblast, dentine formation, enamel formation, elongation of enamel epithelium.
 - c) Elongation of enamel epithelium, differentiation of odontoblast, dentine formation, enamel formation.
 - d) Elongation of enamel epithelium, dentine formation, differentiation of odontoblast, enamel formation.

Answer: _____

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26. The cell type of periodontium that plays a role in pathogenesis as well as healing is ?

- a) Epithelial cell
- b) Mast Cell
- c) Fibroblast
- d) Langherhan's cell

Answer: _____

27. Difference between impression plaster and dental stone is in its ?

- a) Solubility
- b) Shelf Life
- c) Chemical composition
- d) Particle porosity

Answer: _____

28. Eruption fails in this bone disease, as there is no bone resorption

- a) Paget's Disease
- b) Osteopetrosis
- c) Primary hyperparathyroidism
- d) Phantom Bone disease

Answer: _____

29. In the Mandibular arch, in which tooth maximum lingual inclination is present ?

- a) 3rd molar
- b) Canine
- c) 1st premolar
- d) Lateral incisor

Answer: _____

30. The anticipated complication during a dental procedure in a 65 year old lady with cirrhosis liver

- a) Increased pain susceptibility
- b) Prolonged bleeding
- c) Inability to achieve adequate anesthesia
- d) Recurrent oral infection

Answer: _____

31. A dentist can best control the setting time of alginate impression material without altering its property by

- a) Using perforating tray
- b) Altering Water/Powder ratio
- c) Reducing the rate of mixing
- d) Altering the water temperature

Answer: _____

32. What is true about Oral Hairy Leukoplakia

- a) Associated with HIV virus infection and commonly seen on the dorsum of the tongue
- b) Associated with HIV virus infection and is commonly seen on the lateral side of the tongue
- c) Usually caused by Candida species
- d) Always associated with pernicious anemia

Answer: _____

33. Steel used in orthodontic wire

- a) Austenitic
- b) Martensitic
- c) Ferritic
- d) All of the above

Answer: _____

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34. In distal extension partial dentures, relining is indicated

- a) When occlusion is not stable
- b) When occlusion is not stable and rocks along the fulcrum line
- c) Patient complains of loose dentures
- d) All the above

Answer: _____

35. Absolute contraindication for extraction of teeth

- a) Systemic Hypertension
- b) Myocardial infarction
- c) Central Haemangioma
- d) Thyrotoxicosis

Answer: _____

36. In a patient with allergy to costume jewellery _____ is contraindicated

- a) High Gold
- b) Low Gold
- c) Nickel-Chromium
- d) Palladium-Ag

Answer: _____

37. Recommended dose of fluoride in salt fluoridation

- a) 10 mg/Kg
- b) 100 mg/Kg
- c) 125 mg/Kg
- d) 250 mg/Kg

Answer: _____

38. According to Glickman, maximum accumulation of plaque takes place in approximately ?

- a) 60 days
- b) 30 days
- c) 15 Days
- d) 7 days

Answer: _____

39. Which of the following conditions requires gingivoplasties as it creates gingival defects

- a) ANUG
- b) Desquamative gingivitis
- c) Erosive Lichen Planus
- d) Acute Herpetic gingivostomatitis

Answer: _____

40. The first clinical sign in gingivitis is ?

- a) Change in texture
- b) Change in Colour
- c) Change in contour
- d) Bleeding on probing

Answer: _____

41. Which of the following organism is not implicated in etiology of Periodontal disease ?

- a) Bacteroides
- b) Wollinella
- c) Neisseria
- d) Eikenella

Answer: _____

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42. Instructing the patient to say “ah” in short vigorous bursts will help in visualising
- a) Soft Palate
 - b) Posterior vibrating line
 - c) Anterior vibrating line
 - d) Junction of soft and hard palate

Answer: _____

43. Andy Gump deformity commonly occurs following
- a) Alveolar ridge augmentation
 - b) Total maxillectomy
 - c) Total mandibular resection
 - d) Gunshot injury of face

Answer: _____

44. Primary molars appear lighter in color due to
- a) less thickness of dentin underlying enamel
 - b) Different color
 - c) Contrast with the adjacent tissue
 - d) Different refractive index

Answer: _____

45. The whitish striations in Lichen Planus are called
- a) Wickham's striae
 - b) Striae of Retzius
 - c) Linea alba buccalis
 - d) Stepladder striae

Answer: _____

46. Who is the only woman from Kerala to have been part of the Union Council of Ministers
- a) Smt. K.R. Gowri Amma
 - b) Smt. Lakshmi N Menon
 - c) Smt. P.K.Sreemathy
 - d) Smt. Ambika Soni

Answer: _____

47. An example of primary prevention of dental disease
- a) Sterilisation of instruments
 - b) Scaling, polishing and filling
 - c) Replacement of lost teeth & orthodontic treatment
 - d) Extraction, RCT and periodontal procedures

Answer: _____

48. ICTC Centres for HIV testing are known as
- a) Bhoomika
 - b) Ushus
 - c) Jyothis
 - d) Pulari

Answer: _____

49. The National Oral Health programme was started in
- a) 2014-15
 - b) 2015-16
 - c) 2016-17
 - d) None of the above

Answer: _____

50. The acid etchant is supplied in gel form to
- a) have better control over flow
 - b) get higher concentration of etchant
 - c) act more rapidly on enamel surface
 - d) get good taste in patient mouth

Answer: _____