

OPENDEN (III) Entrance Test for
Dental Programmes 2011

00718

(a) PG Certificate in Endodontics

(b) PG Certificate in Oral Implantology

Total No. of Questions : 90

Time : 120 Minutes

- All questions are *Compulsory*.
- Use of calculator is *not* allowed. Rough work may be done in the space provided at the back of the Test Booklet.

Read the instructions given on the OMR Response Sheet carefully before you start.

**How to fill up the information on the OMR Response Sheet
(Examination Answer Sheet)**

1. Write your complete enrolment no. in 9 digits. This should correspond to the enrolment number indicated by you on the OMR Response Sheet . Also write your correct name, address with pin code in the space provided. Put your signatures on the OMR Response Sheet with date. Ensure that the Invigilator in your examination hall also puts his signatures with date on the OMR Response Sheet at the space provided.
2. On the OMR Response Sheet student's particulars are to be filled in by pen. However use HB pencil for writing the Enrolment No. and Examination Centre Code as well as for blackening the circle bearing the correct answer number against the serial number of the question.
3. Do not make any stray remarks on this sheet.
4. Write correct information in numerical digit in Enrolment No. and Examination Centre Code Columns. The corresponding circle should be dark enough and should be filled in completely.
5. Each question is followed by four probable answers which are numbered 1, 2, 3 and 4. You should select and show only one answer to each question considered by you as the most appropriate or the correct answer. Select the most appropriate answer. Then by using HB pencil, blacken the circle bearing the correct answer number against the serial number of the question. If you find that answer to any question is none of the four alternatives given under the question, you should darken the circle with '0'.
6. If you wish to change your answer, ERASE completely the already darkened circle by using a good quality eraser and then blacken the circle bearing your revised answer number. If incorrect answer is not erased completely, smudges will be left on the erased circle and the question will be read as having two answers and will be ignored for giving any credit.
7. No credit will be given if more than one answer is given for one question. Therefore, you should select the most appropriate answer.
8. You should not spend too much time on any one question. If you find any particular question difficult, leave it and go to the next. If you have time left after answering all the questions, you may go back to the unanswered ones. There is no negative marking for wrong answers.

GENERAL INSTRUCTIONS

1. No cell Phones, calculators, books, slide-rules, note-books or written notes, etc. will be allowed inside the examination hall.
2. You should follow the instructions given by the Centre Superintendent and by the Invigilator at the examination venue. If you violate the instructions, you will be disqualified.
3. Any candidate found copying or receiving or giving assistance in the examination will be disqualified.
4. The Test Booklet and the OMR Response Sheet (Answer Sheet) would be supplied to you by the Invigilators. **After the examination is over, you should hand over the OMR Response Sheet to the Invigilator before leaving the examination hall.** Any candidate who does not return the OMR Response Sheet will be disqualified and the University may take further action against him/her.
5. All rough work is to be done on the test booklet itself and not on any other paper. Scrap paper is not permitted. For arriving at an answer you may work in the margins, make some markings or underline in the test booklet itself.
6. The University reserves the right to cancel scores of any candidate who impersonates or uses/adopts other malpractices or uses any unfair means. The examination is conducted under uniform conditions. The University would also follow a procedure to verify the validity of scores of all examinees uniformly. If there is substantial indication that your performance is not genuine, the University may cancel your score.
7. In the event of your qualifying the Entrance Test, the hall ticket should be enclosed with your admission form while submitting it to the University for seeking admission in Dental programmes along with your testimonials and programme fee. Admission forms received without hall ticket in original will be summarily rejected.

1. Teeth that erupts within 30 days of birth are called :
 - (1) Natal teeth
 - (2) Neonatal teeth
 - (3) Primary teeth
 - (4) Prenatal teeth

2. Which of the following shows the presence of cholesterol crystals ?
 - (1) Kerato cyst
 - (2) Periodontal cyst
 - (3) Aneurysmal cyst
 - (4) Hemorrhagic cyst

3. Hair - on - end appearance in a skull rocentengenogram is seen in :
 - (1) Fibrous dysplasia
 - (2) Thalessemia
 - (3) Garre's osteomyelitis
 - (4) Paget's disease

4. Reactionary Hemorrhage is hemorrhage after surgery that occurs :
 - (1) Within 24 hours
 - (2) After 24 hours
 - (3) After 12 hours
 - (4) After 7 Days

5. Which of the following is the longest acting Local anethesia ?
 - (1) Tetracaine
 - (2) Bupiracaine
 - (3) Lidocaine
 - (4) Procaine

6. The color of Nitrous oxide cylinder is :
 - (1) Black
 - (2) White
 - (3) Red
 - (4) Blue

7. The earliest sign of syncope is :
 - (1) Pallor
 - (2) Bradycardia
 - (3) ↑'d HR
 - (4) ↓'d HR

8. Splint commonly used in edentulous patient :
 - (1) Gunning splint
 - (2) Cap splint
 - (3) Ribbon splint
 - (4) All of the above

9. Entrance into the sinus in a Caldwell LUC procedure is made through the :
- (1) Tuberosity (2) Ramus
(3) Malar eminence (4) Canine fossa
10. The proper rate of rescue breathing in an adult is :
- (1) 6 times per min (2) 10 times per min
(3) 12 times per min (4) 14 times per min
11. Apex elevator utilizes which principle ?
- (1) Wedge (2) Pulley
(3) Wheel & Axle (4) All of the above
12. Units of Radiation exposure :
- (1) Rad (2) Rem (3) Roentgen (4) Seivert
13. Most sensitive phase in cell division to radiation is :
- (1) G₁ phase (2) G₂ phase (3) S phase (4) All of the above
14. Operator should stand a distance of _____ while taking X - Ray.
- (1) 6 feet (2) 7 feet (3) 8 feet (4) 5 feet
15. Best radiograph to view Maxillary sinus :
- (1) Lateral oblique view (2) Submentovertex
(3) Water view (4) Lateral skull
16. Hemophilia B is due to :
- (1) Platelet deficiency (2) Factor VII deficiency
(3) Factor IX deficiency (4) Vit C deficiency
17. Alveolitis Sicca dolorosa is also known as :
- (1) Trigeminal Neuralgia (2) Dry socket
(3) Sicca syndrome (4) Myospherulosis

18. Reactivation of varicella virus in a posterior root ganglion results in :
- | | |
|--------------------|-------------------|
| (1) Chicken pox | (2) Herpes zoster |
| (3) Herpes simplex | (4) Poliomyelitis |
19. Syphilis becomes seropositive in :
- | | |
|-------------|-------------------------|
| (1) Chancre | (2) Mucous Patches |
| (3) Gumma | (4) Congenital syphilis |
20. Junctional epithelium is attached to enamel by :
- | | |
|----------------------|----------------|
| (1) Reticular fibers | (2) Desmosomes |
| (3) Hemidesmosomes | (4) Collagen |
21. Corncob appearance is seen in :
- | | |
|-----------------------------|---------------------------|
| (1) Supra gingival calculus | (2) Sub gingival calculus |
| (3) Supra gingival Plaque | (4) Sub gingival plaque |
22. Linear gingival erythema is a characteristic feature of :
- | | |
|---------------------------------------|--------------------|
| (1) ANUG | (2) HIV Gingivitis |
| (3) Acute Herpetic gingivo stomatitis | (4) Gingivitis |
23. The offset angle of Gracey curette b/n the blade and shank is :
- | | | | |
|---------|---------|---------|---------|
| (1) 50° | (2) 80° | (3) 70° | (4) 90° |
|---------|---------|---------|---------|
24. Pellicle formation on enamel starts with :
- | | |
|----------------------------------|--|
| (1) Bacterial colonization | (2) Absorption of glycoprotein from saliva |
| (3) Focal area of mineralization | (4) All of the above |
25. Gracey curette No. 11, 12 are used for :
- | | |
|------------------------|------------------------------|
| (1) Anterior teeth | (2) posterior teeth - Mesial |
| (3) posterior - distal | (4) posterior teeth - facial |

26. Periochip is a commercially available local drug delivery system containing :
- (1) Doxycycline (2) Chlorhexidine
(3) Minocycline (4) Metronidazole
27. Most preferred type of Dental floss is :
- (1) Unwaxed thin floss (2) Unwaxed thick floss
(3) Waxed thin floss (4) Waxed thick floss
28. According to Black's classification caries on lingual pits of Maxillary central Incisors are :
- (1) Class I (2) Class II (3) Class III (4) Class VI
29. Air abrasive technology, the abrasive particles are :
- (1) Iron oxide (2) Tin oxide
(3) Aluminium oxide (4) Silicon oxide
30. P^H of polycarboxylate liquid :
- (1) 5 (2) 7 (3) 2.8 (4) 1.7
31. Maximum amount of mercury vapour allowed in the work place :
- (1) 0.005 mg/m³ (2) 0.5 mg/m³ (3) 0.05 mg/m³ (4) 0.025 mg/m³
32. The light from the UV light curing unit can cause :
- (1) Iritis (2) Cataract
(3) Retinal damage (4) Corneal ulceration
33. Lentulospirals are used for :
- (1) Locating canal orifice (2) Pulp extirpation
(3) Enlarging orifice (4) Application of R.C. Sealer

34. Barbed Broach is used for :
- (1) Extirpation (2) BMP
(3) Obturation (4) Locations of Canals
35. Recently used irrigation solution is :
- (1) MTA (2) MTA - B (3) MTA - C (4) MTA - D
36. Superoxol is :
- (1) 30 % H_2O_2 (2) H_2O_2 + Sodium perborate
(3) $HCl + H_2O_2$ (4) 45 % H_2O_2
37. Tell show do technique of child management was introduced by :
- (1) Bandura (2) Addleson (3) Coope (4) Wright
38. Aspartame is a :
- (1) Non - caloric sweetener (2) Caloric sweetener
(3) Sugar complex (4) Same as sucrose
39. Exarticulation of teeth means :
- (1) Luxation (2) Avulsion
(3) Intrusion (4) Extrusion
40. Ellis and dewey classification of traumatic fractures are how many ?
- (1) 9 (2) 5 (3) 3 (4) 4
41. Head shape in Down's syndrome
- (1) Mesocephalic (2) Dolichocephalic
(3) Brachycephalic (4) Acephalic

42. Supernumerary teeth are seen in all except :
- (1) Ectodermal dysplasia (2) Gardner's syndrome
(3) Cleft palate (4) Cleidocranial dysplasia
43. The best filling materials in deciduous teeth for RCT :
- (1) Gutta percha (2) Calcium hydroxide
(3) zinc oxide eugenol (4) Amalogan
44. Distal shoe was first advocated by :
- (1) Wilson (2) Willet (3) Roche (4) G.V. Black
45. Growth site of Mandible :
- (1) Body (2) Condylar (3) Coronoid (4) Ramus
46. FATHER of modern orthodontics :
- (1) Dewey (2) Angle (3) Andrew (4) Clark
47. Leeway space is :
- (1) 1.7 mm and greater in mandible (2) 1.7 mm and lesser in mandible
(3) 3.4 mm and greater in mandible (4) 3.4 mm and lesser in mandible
48. Mixed dentition analysis was described by :
- (1) Garber (2) Angle (3) Tweed (4) Moyer's
49. ANB angle refers to :
- (1) Skeletal relation (2) Transverse discrepancy
(3) Dental Malocclusion (4) All of the above

50. Scissor bite is seen in :
- | | |
|--|---------------------------------------|
| (1) Anterior cross bite | (2) Complete deepbite |
| (3) Total maxillary lingual cross - bite | (4) Total maxillary buccal cross bite |
51. The first bone formed in response to orthodontic loading :
- | | |
|-------------------|--------------------|
| (1) Bundle bone | (2) Composite bone |
| (3) Lamellar bone | (4) Woven bone |
52. Bone age is best estimated by :
- | | |
|------------------------------|--------------------------|
| (1) History from the patient | (2) X - ray of the teeth |
| (3) Hereditary | (4) X - ray of the wrist |
53. Shock lung is seen in :
- | | |
|------------------------|----------------------|
| (1) Hypovolemic shock | (2) Septic shock |
| (3) Anaphylactic shock | (4) Neurogenic shock |
54. Single laboratory aid in TB :
- | | | | |
|------------|---------------|-------------------|---------------|
| (1) Sputum | (2) Skin test | (3) Chest X - ray | (4) Histology |
|------------|---------------|-------------------|---------------|
55. Cor pulmonale is :
- | | |
|--------------------------------|--|
| (1) Standstill heart | (2) Decreased cardiac output |
| (3) Decreased ventricular rate | (4) Decreased ventricular constriction |
56. Glas gow coma scale does not include :
- | | |
|--------------------|--------------------------|
| (1) Eye opening | (2) Best verbal response |
| (3) Blood pressure | (4) Best motor response |
57. Dermoid cyst is a form of :
- | | |
|----------------------|---------------------|
| (1) Cystic Hamartoma | (2) Cystic teratoma |
| (3) Choriostoma | (4) Hamartoma |

65. RPI stands for :
- (1) Occlusal rest, proximal plate, I bar
 - (2) Cingulum rest, proximal plate, I bar
 - (3) Rest, guide plane, I bar
 - (4) Occlusal rest, proximal plate, guiding plane
66. Best approach to study a rare disease :
- (1) Case - control
 - (2) Cohort
 - (3) Cross sectional
 - (4) Clinical trial
67. Gingival Index was given by :
- (1) Silness and Glass
 - (2) Loe and Silness
 - (3) Glass and Loe
 - (4) Loben and Silness
68. Shoe Leather survey was carried out by :
- (1) Mckay
 - (2) Trendley Dean
 - (3) Eager
 - (4) Brown
69. Which of the following is not a measure of central tendency :
- (1) Mean
 - (2) Mode
 - (3) Range
 - (4) Median
70. Dye used in "Reductase engyme" caries activity test :
- (1) Diafoerescorcinol
 - (2) Bromocresol Green
 - (3) 1 % acid red
 - (4) Methyl blue
71. Vaccine for caries is based on which Immunoglobulin :
- (1) Ig G
 - (2) Ig A
 - (3) Ig E
 - (4) Ig M
72. Where was the ART first introduction :
- (1) Tanzania
 - (2) China
 - (3) USA
 - (4) India

73. 8 % SnF_2 contains how much % of fluoride :

- (1) 1 % (2) 2 % (3) 3 % (4) 4 %

74. Lingula gives attachment to :

- (1) Upper Medial Incisor (2) Sphenomandibular Ligament
(3) Temporomandibular ligament (4) All of the above

75. Isthmus of thyroid gland is across tracheal rings :

- (1) 2nd to 4th (2) 3rd to 5th
(3) 5th to 6th (4) 4th only

76. Base of the tongue is attached to :

- (1) Hyoid bone (2) Mandible
(3) Hyoid bone & Mandible (4) Ethmoid bone

77. Cephalic phase of gastric secretion is mediated by :

- (1) Neurohormones (2) vagus
(3) Hormones (4) Gastric

78. Albumin is synthesized by :

- (1) Liver (2) Kidney (3) Muscle (4) Spleen

79. Hardness number which does not depend on the ductility of metal :

- (1) KHN (2) VHN (3) RHN (4) BHN

88. Dentin formed through out the life is :

- | | |
|------------------------|----------------------|
| (1) Sclerotic Dentin | (2) Secondary Dentin |
| (3) Repairative Dentin | (4) All of the above |

89. Drug chemically related to penicillins is :

- | | |
|-------------------|------------------|
| (1) Tetracycline | (2) Sulphonamide |
| (3) Cephalosporin | (4) Lincomycin |

90. Drugs causing Hyperglycemia are :

- | | |
|-------------------|------------------------|
| (1) B - blockers | (2) Glucocorticoids |
| (3) Acetylcholine | (4) α - Blocker |

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