Vocational Practical Question Bank

First Year

Dental Hygienist

Course Code: 611

State Institute of Vocational Education
O/o the Commissioner of Intermediate Education
Telangana, Hyderabad

&

Board of Intermediate Education,
Telangana, Hyderabad
DENTAL HYGIENIST
FIRST YEAR
QUESTION BANK
SUBJECT: DENTAL ANATOMY, PHYSIOLOGY & HISTOLOGY
PAPER – I

TIME: 3 HOURS
MAX MARKS: 50

SECTION - I

1. Draw a neat Diagram of Oral Mucosa & Label the parts.
2. With the help of a neat Diagram mention the various stages of tooth Development.
3. With the help of a neat Diagram locate the various branches of Facial Nerve.
4. Draw a neat diagram and show the location of Major Salivary Glands.
5. Draw a neat diagram and label the parts of Tooth.
6. Draw and Label the parts of Mandible.

Section – II

7. Write the Silent features of Lateral Aspect of Mandible.
8. Write about Bones of the Skull.
9. Locate the parts of Temporo Mandibular Joint.
10. Locate the parts of Maxilla.
11. Write about Occipital Bone.
12. Write about Temporal Bone.

Section-III

13. Write down the Nomenclature of Decidous Teeth in FDI system.
14. Write down the Nomenclature for Decidous Teeth in Palmer Notation System.
15. Write the Nomenclature for Permanent Teeth In FDI System.
17. Give the dates of eruption of Permanent Teeth.
18. Write the Notation of Permanent Teeth In Palmer Notation.

Section – IV (Short Notes)

19.(a) Enamel
    (b) Pulp
20.(a) Gingiva
    (b) Dentine
21. (a) Shedding of Teeth  
   (b) Cementum  
22. (a) Mitochondria  
   (b) Nucleus  
23. (a) RBC  
   (b) Mastication  
24. (a) WBC  
   (b) Deglutition  

Section – V (identification)  
(4x2=8)  
25. (a) Maxillary Central Incisor  
   (b) Maxillary Lateral Incisor  
   (c) Maxillary First Molar  
   (d) Mandibular Canine  
26. (a) Maxillary First Premolar  
   (b) Maxillary First Molar  
   (c) Maxillary Deciduous Tooth  
   (d) Mandibular Lateral Incisor  
27. (a) Maxillary Third Molar  
   (b) Mandibular Central Incisor  
   (c) Mandibular First Molar  
   (d) Maxillary Second Premolar  
28. (a) Maxillary Lateral Incisor  
   (b) Mandibular Canine  
   (c) Maxillary First Molar  
   (d) Maxillary First Premolar  
29. (a) Maxillary Central Incisor  
   (b) Mandibular Second Molar  
   (c) Maxillary First Premolar  
   (d) Mandibular Third Molar  
30. (a) Mandibular First Molar  
   (b) Maxillary Second Premolar  
   (c) Mandibular Central Incisor  
   (d) Maxillary Lateral Incisor  

Section – VI  
(5x2=10)  
Record  
Viva  
5 Marks  
5 Marks
DENTAL HYGIENIST  
FIRST YEAR  
MODEL QUESTION PAPER  
SUBJECT: DENTAL ANATOMY, PHYSIOLOGY & HISTOLOGY  
PAPER – 1  

Time: 3 Hours  
Max Marks: 50  

Section - I  
(1x8=8 Marks)  
4. Draw a neat diagram and show the location of Major Salivary Glands  

Section - II  
(1x8=8)  
8. Write about Bones of the Skull.  

Section – III  
(1x8=8)  
17. Give the dates of eruption of Permanent Teeth  

Section – IV  
(2x4=8)  
22. (a) Mitochondria  
(b) Nucleus  

Section – V  
(2x4=8)  
25. (a) Maxillary Central Incisor  
(b) Maxillary Lateral Incisor  
(c) Maxillary First Molar  
(d) Mandibular Canine  

Section – VI  
Record  
Viva  

5 Marks  
5 Marks  

Note: The Serial numbers of the question mentioned above are the serial numbers in the question bank. In practical examination only the serial number of the questions will be given, the examiner shall decode it with the question bank and give the questions.
DENTAL HYGIENIST  
FIRST YEAR  
PRACTICAL SCHEME OF VALUATION  
SUBJECT: DENTAL ANATOMY, PHYSIOLOGY & HISTOLOGY  
PAPER – 1

Time: 3 Hours  
Max Marks: 50

Section - I, II & III Major Question  
(1x8=8 Marks)
1. Diagram/Principle : 2 marks
2. Neatness : 1 mark
3. Labelling /formula : 2 marks
4. Description : 3 marks

Section – IV  
(2x4=8)
1. Identification/Name/Origin : 2 marks
2. Features/Formula : 2 marks

Section – V (Spotters)  
(4x2=8)
1. Identification (a)/(b)/(c)/(d) : 2 marks
2. Uses/Features : 2 marks

Section – VI  
(5x2=10)
Record : 5 Marks
Viva : 5 Marks
DENTAL HYGIENIST
FIRST YEAR
QUESTION BANK
SUBJECT: ORAL PATHOLOGY, BACTERIOLOGY & DENTAL PHARMACOLOGY
PAPER – II

Time: 3 Hours
Max Marks: 50

Section - I
(1x8=8 Marks)
1. Describe the cardinal Signs of Inflammation.
2. Describe the Process Wound Healing.
3. Draw and label the Cellular Events in Primary Wound Healing.
4. Draw and label the parts of HIV virus.
5. Draw a neat Diagram of Dental Caries and label the parts.
6. Draw a flow chart of Various Analgesics used in Dentistry, give Example each.

Section – II
(1x8=8)
7. Write down the clinical differences between Benign and Malignant Lesions of Oral Cavity.
8. Write down the Histological Difference between Benign & Malignant Lesions of Oral Cavity.
10. Chart out the precancerous lesions of the oral cavity.
11. Chart out the methods of sterilization.
12. Write about Dental Developmental Disturbances.

Section – III
(1x8=8)
13. Write the procedure of urine analysis for sugar by Benedicts Method.
14. Write down the procedure of blood test for bleeding time.
15. Write down the procedure of blood for clotting time.
17. Describe the procedure of preparation of a Mouth wash.
18. Describe the procedure of urine analysis for Sugar.

Section –IV (Write Uses & Dosage/Composition) (2x4=8)
19. (a) Tetracycline
   (b) Paracetamol
20. (a) Penicilline
   (b) Lignocain
21. (a) Diclofane sodium
   (b) Vitamin C
22. (a) Multivitamin Tablet
   (b) Dentifrices
23. (a) Mouth Wash
    (b) Gumpaint

24. (a) Dentifrices
    (b) Tetracycline

Section – IV (Identification)  
(4x2=8)

25. (a) Leukoplakia
    (b) Lichen Planus
    (c) Gigivitis
    (d) Sublingual Route of Drug Administration

26. (a) Parenteral route of Drug Administration
    (b) Dental Caries
    (c) Gingivitis Advance Stage
    (d) Vitamin D Deficiency

27. (a) Stomatitis
    (b) Vitamin D dosage and sources
    (c) IV route of Drug Administration
    (d) Dental Caries with Periapical Abcess

28. (a) Oral Submucous Fibrosis
    (b) Dentrifrices
    (c) Mouth Wash
    (d) GumPaint

29. (a) Mouth Wash
    (b) Local Anaesthesia
    (c) Autoclave
    (d) Dental Caries

30. (a) Surface Anaesthesia
    (b) Parenteral Route of Drug Administration
    (c) Anagesic
    (d) Gumpaint

Section – VI

Record 5 Marks
Viva 5 Marks
DENTAL HYGIENIST
FIRST YEAR
MODEL QUESTION PAPER
SUBJECT: ORAL PATHOLOGY, BACTERIOLOGY & DENTAL
PHARMACOLOGY
PAPER – II

Time: 3 Hours
Max Marks: 50

Section - I
(1x8=8 Marks)
3. Draw the diagram of Cellular events of primary wound healing.

Section - II
(1x8=8)
10. Chart out the method of sterilization.

Section – III
(1x8=8)
14. Write the procedure of clotting time.

Section – IV
(uses/dosages/composition)
(2x4=8)
19. (a) Pencillin
(b) Lignocian

Section – V
(2x4=8)
25. (a) Lechoplakia
(b) Lichen Planus
(c) Gingivitis
(d) Subligual route of drug administration

Section – VI
(5x2=10)
Record
5 Marks
Viva
5 Marks

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DENTAL TECHNICIAN
FIRST YEAR
PRACTICAL SCHEME OF VALUATION
SUBJECT: ORAL PATHOLOGY, BACTERIOLOGY & DENTAL
PHARMACOLOGY
PAPER – II

Time: 3 Hours
Max Marks: 50

Section - I, II, III Major Question (1x8=8 Marks)
1. Diagram/Principle : 2 marks
2. Neatness : 1 mark
3. Labelling /objectives/Description : 2 marks
4. Observation : 3 marks

Section – IV (2x4=8)
1. Identification/Name : 2 marks
2. Dosage/Concentration /uses : 2 marks

Section – V (Spotters) (4x2=8)
1. Identification (a)/(b)/(c)/(d) : 2 marks
2. Uses/dosage : 2 marks

Section – VI
Record : 5 Marks
Viva : 5 Marks
Time: 3 Hours
Max Marks: 50

Section - I
(1x8=8 Marks)
1. What are the contents of an X-ray film.
2. Draw a neat diagram of Coolidge tube and label the parts.
3. What are the contents of the dark room.
4. Give the composition of the developer.
5. Give the composition of the Fixer.
6. Give the various angulations used for various teeth in intra-oral-radiographic Technique.

Section – II
(1x8=8)
7. Draw the flow chart to classify vitamins.
8. What are the sources of carbohydrates.
9. Sources and functions of Fats.
10. Write down the sources of Minerals.
11. Mention the various Fluoridation Methods.
12. Give the Diet chart for patients with fracture jaw bones.

Section – III
(1x8=8)
15. Write about the processing of I.O.P X-ray film.
17. Describe the Intra – oral radiographic Technique of Mandibular Molars.
18. Give the technique of processing of X-ray film.

Section – IV (Identification, Deficiency, Daily requirement)
(2x4=8)
19. (a) Vitamin A
    (b) Vitamin C
20. (a) Vitamin B1
    (b) Vitamin B 12
21. (a) Calcium
    (b) Vitamin B 12
22. (a) Vitamin D  
    (b) Proteins  
23. (a) Thiamine  
    (b) Ascorbic acid  
24. (a) Riboflavin  
    (b) Fats  

Section – V (Identification, Causes)  

25. (a) IOPA showing Dental Caries  
    (b) X-ray showing Periodontitis  
    (c) X-ray showing Elongation  
    (d) Under develop film  
26. (a) IOPA showing Impacted Molar  
    (b) IOPA showing supernumery Teeth  
    (c) IOPA showing forshortening  
    (d) IOPA showing over develop film  
27. (a) IOPA showing Root Canal Treatment  
    (b) IOPA showing Abcess  
    (c) IOPA showing Cyst  
    (d) IOPA showing impacted canine  
28. (a) IOPA showing Mandibular teeth  
    (b) IOPA showing Maxillary Molars  
    (c) IOPA showing Faulty Film  
    (d) IOPA showing fog film  
29. (a) OPG X-ray film  
    (b) Occlusal X-ray film  
    (c) Bite wing X-ray film  
    (d) IOPA showing proximal Caries  
30. (a) IOPA showing Mandibular canal  
    (b) Children X-ray Film  
    (c) IOPA showing Incisive foramen  
    (d) IOPA showing Pit cavities  

Section – VI  

Record : 5 Marks  
Viva : 5 Marks
DENTAL HYGIENIST
FIRST YEAR
MODEL QUESTION PAPER
SUBJECT: DENTAL RADIOLOGY, FOOD & NUTRITION
PAPER – III

Time: 3 Hours
Max Marks: 50

Section - I (1x8=8 Marks)
1. What are the contents of an X-ray film.

Section - II (1x8=8)
5. Write down the sources of minerals.

Section – III (1x8=8)
17. Describe the Intra oral radiographic technique.

Section – IV (2x4=8)
21. (a) Calcium
   (b) Vitamin B 12

Section – V (Identification & Causes) (2x4=8)
26. (a) IOPA showing Impacted Molar
    (b) IOPA showing Supernumery Teeth
    (c) IOPA showing foreshortening
    (d) IOPA showing over develop film

Section – VI (5x2=10)
   25. Record 5 Marks
   26. Viva 5 Marks

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# DENTAL HYGIENIST
FIRST YEAR
PRACTICAL SCHEME OF VALUATION
SUBJECT: DENTAL RADIOLOGY, FOOD & NUTRITION
PAPER – III

Time: 3 Hours
Max Marks: 50

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<tr>
<th>Section - I, II, III Major Question</th>
<th>(1x8=8 Marks)</th>
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<tbody>
<tr>
<td>1. Method /Principle</td>
<td>2 marks</td>
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<tr>
<td>2. Labelling/Features</td>
<td>2 marks</td>
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<tr>
<td>3. Description</td>
<td>2 marks</td>
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<tr>
<td>4. Observation</td>
<td>2 marks</td>
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<table>
<thead>
<tr>
<th>Section – IV</th>
<th>(2x4=8)</th>
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</thead>
<tbody>
<tr>
<td>1. Identification/Symptoms</td>
<td>2 marks</td>
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<tr>
<td>2. Daily requirements</td>
<td>2 marks</td>
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<table>
<thead>
<tr>
<th>Section – V</th>
<th>(4x2=8)</th>
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<tbody>
<tr>
<td>1. Identification</td>
<td>2 marks</td>
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<tr>
<td>2. Causes/Reason</td>
<td>2 marks</td>
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<table>
<thead>
<tr>
<th>Section – VI</th>
<th>(5x2=10)</th>
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</thead>
<tbody>
<tr>
<td>1. Record</td>
<td>5 Marks</td>
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<tr>
<td>2. Viva</td>
<td>5 Marks</td>
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