

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

(1X8=8 MARKS)

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

(1x8=8)

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

(1x8=8)

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

Section – IV (Short Notes)

(2x4=8)

- 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) Maturation
- 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

5 Marks

Viva

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 | | | : |

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.
9. Classify White Lesions of Oral Cavity with the help of a flow chart.
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.
16. Urine analysis for sugar using analysis strips.
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) Gingivitis
- (d) Sublingual Route of Drug Administration

- 26.(a) Parental 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 Abscess

- 28.(a) Oral Submucous Fibrosis
- (b) Dentifrices
- (c) Mouth Wash
- (d) Gum Paint

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

- 30.(a) Surface Anaesthesia
- (b) Parental Route of Drug Administration
- (c) Analgesic
- (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) Sublingual route of drug administration

Section – VI

(5x2=10)

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 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 | | | : |

Section – VI

- | | | |
|---------------|---|----------------|
| Record | : | 5 Marks |
| Viva | : | 5 Marks |

**DENTAL HYGIENIST
FIRST YEAR
QUESTION BANK
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.
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)

13. Describe the Intra – oral radiographic Technique of Maxillary Central Incisor.
14. Describe the Intra – oral radiographic Technique of Maxillary Canine.
15. Write about the processing of I.O.P X- ray film.
16. Describe the Intra Oral radiographic technique of Mandibular Central Incisor.
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

(4x2=8)

- 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)

- Record
Viva

5 Marks
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

Section - I, II, III Major Question

(1x8=8 Marks)

- | | | |
|-----------------------|---|---------|
| 1. Method /Principle | : | 2 marks |
| 2. Labelling/Features | : | 2 marks |
| 3. Description | : | 2 marks |
| 4. Observation | : | 2 marks |

Section – IV

(2x4=8)

- | | | |
|----------------------------|---|---------|
| 1. Identification/Symptoms | : | 2 marks |
| 2. Daily requirements | : | 2 marks |

Section – V

(4x2=8)

- | | | |
|-------------------|---------------------|---------|
| 1. Identification | } (a)/(b)/(c)/(d) : | 2 marks |
| 2. Causes/Reason | | : |

Section – VI

(5x2=10)

- | | | |
|-----------|---|---------|
| 1. Record | : | 5 Marks |
| 2. Viva | : | 5 Marks |