

Scheme of Examination along with University exam Marks
Distribution

Dental Materials-1DS1010104

Dental Materials marks Distribution for practical university examinations

Scheme of Examination

Total marks: 100 marks

Practical :90 Marks

Internals : 10 marks

1. Spotters: 25 Marks

2. Exercise No. 1 -20 Marks

Any one exercise of the following:

- a. Manipulation of impression compound.
- b. Manipulation of alginate impression material.
- c. Manipulation of Zinc Oxide Eugenol impression paste.
- d. Manipulation of dental plaster and Stone.

3. Exercise No. 2 -20 marks

Manipulation of any one of the following Dental Cements.

- a. ZOE (Luting and Filling consistency)
 - b. Zinc Phosphate Cement (Luting and Base consistency)
 - c. Glass Ionomer Cement Type I/II (Luting/Filling consistency)
 - d. Polycarboxylate Cement (Luting consistency).
- (Cements which are mixed for filling consistency should be filled into cavities of acrylic blocks.)

4. Exercise No. 3 - 25 marks

- a. Trituration of Silver Amalgam and Condensation into cavities of acrylic blocks.
- b. Mixing of heat cure Acrylic resin and recording of time taken for all stages.

Theory marks distribution

- Total: 100
- University theory exams: 70 marks
 - Section A: 35 marks
 - Section B: 35 marks
- Viva Voce: 20 marks (it will be taken during university practical exams)
- Internal marks: 10 marks

Subject wise distribution of the marks in university theory exams

Contents	Type of Questions and Marks	Marks
Prosthodontics Topics	Structured Long Essays 1 out of 2 (1 x 10 marks)	10
Conservative & Endodontics Topics	Structured Long Essays 1 out of 2 (1 x 10 marks)	10
Prosthodontics and Conservative & Endodontics Topics	Short essay 6 out of 8 (6X5 marks)	30
Prosthodontics and Conservative & Endodontics Topics & Orthodontics	Objective type 10X1 marks	10
Prosthodontics and Conservative & Endodontics Topics	MCQs 10X1 marks	10
Total		70

Microbiology & General Pathology- 1DS1010201

Marks distribution in University Practical Exams

1. Total Marks: 100 marks
2. Practical: 90 marks
 - a. Microbiology: 45 marks
 - b. Pathology: 45 marks
3. Internals: 10 marks
 - a. Microbiology: 5 marks
 - b. Pathology: 5 marks

Microbiology:

1 Major Experiments: 30 marks

1 Minor Experiments: 15 marks

Pathology:

1 Major Experiments: 30 marks

1 Minor Experiments: 15 marks

Microbiology Department:

List of major experiments:

1. Identification of Gram positive and Gram negative bacteria and has to write the principle of the Gram staining.
2. AFB staining or ZN staining

List of minor experiments:

1. Identification of the different culture medias
2. Microbiology instruments
3. VDRL Trays
4. Antibiotic sensitivity
5. Differentiation between gram positive cocci
6. Differentiation between gram negative bacilli
7. Characteristics of common parasites
8. Zoonosis
9. Serological tests
10. Sterilisation
11. Culture method
12. Collection and transport of specimens

Pathology department:

List of Major experiments:

1. Estimation of Hb
2. Differential count
3. Bleeding time and clotting time
4. Blood sugar estimation
5. Protein estimation
6. Blood grouping
7. Urine examination

List of minor experiments:

1. Identification of histopathology slides

2. Identification of histopathological specimens
3. Identification of instruments

Theory marks distribution

- Total: 100
- University theory exams: 70 marks
 - Section A: 35 marks
 - Section B: 35 marks
- Viva Voce: 20 marks (it will be taken during university practical exams)
- Internal marks: 10 marks

Subject wise distribution of the marks in university theory exams

Contents	Type of Questions and Marks	Marks
Microbiology Topics	Structured Long Essays 1 out of 2 (1 x 10 marks)	10
Pathology Topics	Structured Long Essays 1 out of 2 (1 x 10 marks)	10
Microbiology and Pathology	Short essay 6 out of 8 (6X5 marks)	30
Microbiology and Pathology	Objective type 10X1marks	10
Microbiology and Pathology	MCQs 10X1 marks	10
Total		70

General & Dental Pharmacology & Therapeutics-1DS1010202

Distribution of marks in university practical exams:

- Total- 100 Marks
- Practical: 90
- Internal assessment: 10

Marks Distribution in practical:

- | | |
|---------------------------|--------------------|
| 1. 1 Major Exercise | 30 Marks |
| 2. 1 Minor Exercise | 20 Marks |
| 3. 5 Prescription Writing | 20 Marks (5X4=20) |
| 4. 10 Spotters | 20 Marks (10X2=20) |

I. List Major Exercise

1. **Mixture**-Prescribe and Dispense three doses of a Carminative Mixture for an adult suffering from flatulent dyspepsia.
2. **Lotion**- Prescribe and Dispense 30ml of a lotion for a patient suffering from sunburn.
3. **Suspension**- Prescribe and Dispense one dose of Saline purgative in mixture form for an Adult.
4. **Emulsion**- Prescribe and Dispense one dose of a mixture containing vegetable oil in a palatable form for an adult suffering from Acute constipation.
5. **Liniment**- Prescribe and Dispense 30ml of a liniment for external application for a patient suffering from myalgia.
6. **Powder**-O.R.S.
7. **Paint**-Thorat (Mandl's) Paint

II. List Minor Exercise

1. Tincture Iodine
2. Gum Paint
3. Disclosing Solutions
4. Simple Mouth Wash
5. Astringent Mouth Wash
6. Tooth Powder
7. Tooth Paste

III. List Prescription Writing topic

1. Vomiting : Severe vomiting due to pregnancy
2. vomiting due to motion sickness
3. Dysentery with mild dehydration
4. Peptic Ulcer
5. Chronic Bronchial Asthma
6. Angina Pectoris (Acute attack)
7. Moderate Hypertension
8. Hypertensive Emergency

9. Trigeminal Neuralgia
10. Anxiety Neurosis
11. Migraine (Acute attack)
12. For a case of Vincent's Oral Disease
13. For a case of developing Alveolar Abscess
14. For a case of Bleeding Gums
15. For a case of Toothache
16. For a case of Fever/Headache
17. For a case of Anaphylactic Shock/Cardiac Arrest
18. For a case of Vasovagal Shock
19. For a case of common cold (Allergic Rhinitis)
20. For a case of Post-operative pain relief

IV. List Spotters(one sample will be given from following class of drugs)

1. NSAIDs
2. Antibiotics
3. Antacids
4. Antipeptic ulcer
5. Antiseptics
6. Sedatives
7. Local Anesthetics-
8. Antihistaminic
9. Antiemetics
10. Antiasthmatics
11. Atropine
12. Adrenaline
13. Opioids
14. Dental medicaments
15. Antihypertensives
16. Antianginals
17. Antidiabetics
18. Nitromidazoles
19. Steroids
20. Vitamins

Pre-Clinical Conservative Dentistry-1DS1010203

Marks distribution in preclinical conservative in University exams:

Total Marks: 100

A. Practical Exercise: (Duration- 3 hrs) : 60 Marks

Distribution of marks:

1. Tooth mounting with ideal contact with adjacent teeth: 5marks
2. Class II conventional cavity preparation: 20 marks
3. Matrix band, wedge and base application: 15 marks
4. Silver amalgam restoration: 15 marks
5. Finishing and Carving: 5 marks

B. University Viva-Voce : 20 Marks

C. Internal Assessment : 20 Marks

Pre-clinical Prosthodontics-1DS1010105

Marks distribution in Preclinical Prosthodontics University practical exams

Total Marks: 100

B. Practical Exercise: (Duration- 3 hrs) : 60 Marks

Distribution of marks :

6. Occlusal Rims and articulation: 10 marks
7. Arrangement of teeth in class I relation: 40 marks
8. Waxing, Carving, Polishing: 10 marks

B. University Viva-Voce : 20 Marks

C. Internal Assessment : 20 Marks