



### List of medical topics Oral Exam TASK 3

#### Major name: **MEDICINE**

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe diseases affecting the musculoskeletal system.
4. Describe the structure and function of the respiratory system.
5. Describe diseases affecting the respiratory system.
6. Describe the structure and function of the circulatory system.
7. Describe diseases affecting the cardiovascular system.
8. Describe the structure and function of the digestive system.
9. Describe diseases affecting the digestive system.
10. Describe the structure and function of the integumentary system.
11. Describe diseases affecting the skin.
12. Describe the structure and function of the urinary system.
13. Describe diseases affecting the urinary system.
14. Describe the structure and function of the nervous system.
15. Describe diseases affecting the nervous system.
16. Describe the structure and function of the endocrine system.
17. Describe diseases affecting the endocrine system.
18. Describe the structure and function of the reproductive system.
19. Describe diseases affecting the reproductive system.
20. Describe different types of diseases – provide at least 3 examples.
21. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
22. Describe infectious diseases and their symptoms – provide at least 3 examples.
23. Describe common accidents & emergencies and first aid.
24. Describe pain, pain categories and methods of pain relief.
25. Describe blood components, blood functions and blood diseases.
26. Describe nutrients and their impact on the human body.
27. Describe the effects of ageing and common problems of the elderly.
28. Describe common mental health problems.
29. Describe different diagnostic examinations – provide at least 3 examples.
30. Describe bacteria, antibiotics and antibiotic resistance.
31. Describe drugs: types, dosage forms, routes of administration.
32. Describe the effects of drugs and adverse reactions to drugs.
33. Describe the hospital team and healthcare facilities.
34. Describe 5 examples of medical equipment and their functions.
35. What are good hygiene practices in any treatments?

### List of medical topics Oral Exam TASK 3

#### Major name: DENTISTRY

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe pain, pain categories and methods of pain relief.
16. Describe blood components, blood functions and blood diseases.
17. Describe nutrients and their impact on the human body.
18. Describe the effects of ageing and common problems of the elderly.
19. Describe common mental health problems.
20. Describe different diagnostic examinations – provide at least 3 examples.
21. Describe bacteria, antibiotics and antibiotic resistance.
22. Describe drugs: types, dosage forms, routes of administration.
23. Describe the effects of drugs and adverse reactions to drugs.
24. Describe the hospital team and healthcare facilities.
25. Describe 5 examples of medical equipment and their functions.
26. What are good hygiene practices in any treatments?
27. Describe how pregnancy can affect the condition of the mouth.
28. Describe key principles of wisdom tooth resection.
29. Describe key principles of dental hygiene for children.
30. Describe at least 3 common mouth diseases and ways of their treatment.
31. Describe the steps of an endodontic procedure.
32. Describe the role of orthodontics and cosmetic dentistry.
33. Describe materials used in dentistry and their functions – provide at least 5 examples.
34. Describe how diet can affect the condition of the mouth.
35. Describe key principles of a good sanitary regime in dentistry – provide at least 5 examples.

### List of medical topics Oral Exam TASK 3

#### Major name: DIETETICS

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe pain, pain categories and methods of pain relief.
16. Describe blood components, blood functions and blood diseases.
17. Describe nutrients and their impact on the human body.
18. Describe the effects of ageing and common problems of the elderly.
19. Describe common mental health problems.
20. Describe different diagnostic examinations – provide at least 3 examples.
21. Describe bacteria, antibiotics and antibiotic resistance.
22. Describe drugs: types, dosage forms, routes of administration.
23. Describe the effects of drugs and adverse reactions to drugs.
24. Describe the hospital team and healthcare facilities.
25. Describe 5 examples of medical equipment and their functions.
26. What are good hygiene practices in any treatments?
27. Describe types of diets – provide at least 5 examples.
28. Describe the influence of a diet on the condition of the skin – provide at least 3 examples.
29. Describe the role of herbs in maintaining good skin condition – provide at least 3 examples.
30. Describe at least 3 common metabolic diseases and methods of their treatment.
31. Describe at least 3 common eating disorders and methods of their treatment.
32. Describe food poisoning, its symptoms and methods of treatment.
33. Define key principles of a child's nutrition – provide at least 5 examples.
34. Describe how allergies and food sensitivities affect patient's health and everyday wellbeing.
35. How can patient's body weight affect their rehabilitation? Provide at least 3 examples.

### List of medical topics Oral Exam TASK 3

#### Major name: **ELECTRORADIOLOGY**

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe pain, pain categories and methods of pain relief.
16. Describe blood components, blood functions and blood diseases.
17. Describe nutrients and their impact on the human body.
18. Describe the effects of ageing and common problems of the elderly.
19. Describe common mental health problems.
20. Describe different diagnostic examinations – provide at least 3 examples.
21. Describe bacteria, antibiotics and antibiotic resistance.
22. Describe drugs: types, dosage forms, routes of administration.
23. Describe the effects of drugs/contrast media and adverse reactions to drugs/contrast media.
24. Describe the hospital team and healthcare facilities.
25. Describe hospital imaging equipment.
26. What are good hygiene practices in any treatments?
27. Describe radiography (chest radiography, mammography, fluoroscopy).
28. Describe computed tomography (CT).
29. Describe magnetic resonance imaging (MRI).
30. Describe ultrasonography.
31. Describe electrocardiography (ECG) and encephalography (EEG).
32. Describe interventional radiology.
33. Describe nuclear medicine.
34. Describe radiation exposure and radiation protection.
35. Describe radiotherapy and its side effects.

### List of medical topics Oral Exam TASK 3

#### Major name: **PHYSIOTHERAPY**

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe pain, pain categories and methods of pain relief.
16. Define methods of pain identification – provide at least 3 examples.
17. Describe blood components, blood functions and blood diseases.
18. Describe nutrients and their impact on the human body.
19. Describe the effects of ageing and common problems of the elderly.
20. Describe common mental health problems.
21. Describe different diagnostic examinations – provide at least 3 examples.
22. Describe bacteria, antibiotics and antibiotic resistance.
23. Describe drugs: types, dosage forms, routes of administration.
24. Describe the effects of drugs and adverse reactions to drugs.
25. Describe the hospital team and healthcare facilities.
26. Describe 5 examples of medical equipment and their functions.
27. What are good hygiene practices in any treatments?
28. Describe differences between good and bad posture. Give at least 5 examples.
29. Describe how bad posture can affect health – provide at least 3 examples.
30. Describe injuries of the spinal cord – provide at least 3 examples.
31. Describe indications for using a cast and methods of rehabilitation of a patient with a cast.
32. Describe differences between sprain, strain and dislocations.
33. Define cardiovascular fitness and provide 3 examples of cardiovascular exercise.
34. Describe degenerative diseases which affect the patient's ROM – provide at least 3 examples.
35. How can patient's body weight affect their rehabilitation? Provide at least 3 examples.

## List of medical topics Oral Exam TASK 3

### Major name: NURSING

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe the steps of CPR (cardiopulmonary resuscitation).
16. Describe pain, pain categories and methods of pain relief.
17. Describe blood components, blood functions and blood diseases.
18. Describe nutrients and their impact on the human body.
19. Describe diabetes and diabetes care.
20. Describe the effects of ageing and common problems of the elderly.
21. Describe common mental health problems.
22. Describe palliative care.
23. Describe different diagnostic examinations – provide at least 3 examples.
24. Describe bacteria, antibiotics and antibiotic resistance.
25. Describe drugs: types, dosage forms, routes of administration.
26. Describe the effects of drugs and adverse reactions to drugs.
27. Describe the hospital team and healthcare facilities.
28. Describe hospital admissions and outpatients.
29. Describe triage assessment and triage dilemmas.
30. Describe 5 examples of medical equipment and their functions.
31. What are good hygiene practices in any treatments?
32. Describe the role of nurses in monitoring the patient.
33. What aspects are vital when caring for a patient with: burns / a brain injury / a transplanted kidney?
34. What aspects are vital when caring for a patient before and after surgery?
35. Describe alternative treatments and medicinal plants – provide at least 3 examples.



### List of medical topics Oral Exam TASK 3

#### Major name: MIDWIFERY

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe pain, pain categories and methods of pain relief.
16. Describe blood components, blood functions and blood diseases.
17. Describe nutrients and their impact on the human body.
18. Describe the effects of ageing and common problems of the elderly.
19. Describe common mental health problems.
20. Describe different diagnostic examinations – provide at least 3 examples.
21. Describe bacteria, antibiotics and antibiotic resistance.
22. Describe drugs: types, dosage forms, routes of administration.
23. Describe the effects of drugs and adverse reactions to drugs.
24. Describe the hospital team and healthcare facilities.
25. Describe hospital admissions and outpatients.
26. Describe 5 examples of medical equipment and their functions.
27. What are good hygiene practices in any treatments?
28. Describe the role of nurses/midwives in monitoring the patient.
29. Describe pregnancy and prenatal care.
30. Describe common pregnancy complications.
31. Describe the stages of labour.
32. Describe common labour complications and C-section.
33. Describe postpartum care.
34. Describe common congenital abnormalities – provide at least 3 examples.
35. Describe common gynaecological conditions – provide at least 3 examples.



### List of medical topics Oral Exam TASK 3

#### Major name: MEDICAL RESCUE

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe pain, pain categories and methods of pain relief.
15. Describe blood components, blood functions and blood diseases.
16. Describe nutrients and their impact on the human body.
17. Describe the effects of ageing and common problems of the elderly.
18. Describe common mental health problems.
19. Describe different diagnostic examinations – provide at least 3 examples.
20. Describe bacteria, antibiotics and antibiotic resistance.
21. Describe drugs: types, dosage forms, routes of administration.
22. Describe the effects of drugs and adverse reactions to drugs.
23. Describe the hospital team and healthcare facilities.
24. Describe hospital admissions by A&E.
25. Describe 5 examples of medical equipment and their functions.
26. What are good hygiene practices in any treatments?
27. Describe first aid for bleeding and burns.
28. Describe first aid for stroke and heart attack.
29. Describe first aid for trauma and shock resulting from traffic accidents.
30. Describe first aid for choking, drowning and poisoning.
31. Describe the steps of CPR (cardiopulmonary resuscitation).
32. Describe ambulance equipment.
33. Describe triage assessment and triage dilemmas.
34. Describe the assessment of unconscious patients and Glasgow Coma Scale.
35. Describe the role of paramedics in monitoring the patient and managing measurements.



### List of medical topics Oral Exam TASK 3

#### Major name: PUBLIC HEALTH / HEALTHCARE MANAGEMENT

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe pain, pain categories and methods of pain relief.
16. Describe blood components, blood functions and blood diseases.
17. Describe nutrients and their impact on the human body.
18. Describe the effects of ageing and common problems of the elderly.
19. Describe common mental health problems.
20. Describe common neoplastic diseases and palliative care.
21. Describe different diagnostic examinations – provide at least 3 examples.
22. Describe bacteria, antibiotics and antibiotic resistance.
23. Describe drugs: types, dosage forms, routes of administration.
24. Describe the effects of drugs and adverse reactions to drugs.
25. Describe the hospital team and healthcare facilities.
26. Describe hospital admissions and outpatients.
27. Describe 5 examples of medical equipment and their functions.
28. What are good hygiene practices in any treatments?
29. Describe health education and promotion.
30. Describe key principles of epidemiology.
31. Describe occupational health and safety.
32. Describe environmental health.
33. Describe key principles of a healthy lifestyle.
34. Describe sleep and sleep deprivation.
35. Describe social determinants of health.



### List of medical topics Oral Exam TASK 3

#### Major name: MEDICAL ANALYTICS

1. Describe the structure of the human body.
2. Describe the structure and function of the cell and cellular organelles.
3. Describe the structure and function of the musculoskeletal system.
4. Describe the structure and function of the respiratory system.
5. Describe the structure and function of the circulatory system.
6. Describe the structure and function of the digestive system.
7. Describe the structure and function of the integumentary system.
8. Describe the structure and function of the urinary system.
9. Describe the structure and function of the nervous system.
10. Describe the structure and function of the endocrine system.
11. Describe the structure and function of the reproductive system.
12. Describe different types of diseases – provide at least 3 examples.
13. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
14. Describe infectious diseases and their symptoms – provide at least 3 examples.
15. Describe common accidents & emergencies and first aid.
16. Describe pain, pain categories and methods of pain relief.
17. Describe nutrients and their impact on the human body.
18. Describe the effects of ageing and common problems of the elderly.
19. Describe common mental health problems.
20. Describe different diagnostic examinations – provide at least 3 examples.
21. Describe bacteria, antibiotics and antibiotic resistance.
22. Describe drugs: types, dosage forms, routes of administration.
23. Describe the effects of drugs and adverse reactions to drugs.
24. Describe medicinal plants and common ailments they are used for.
25. Describe the hospital team and healthcare facilities.
26. Describe 5 examples of medical equipment and their functions.
27. What are good hygiene practices in any treatments?
28. Describe blood components and blood functions.
29. Describe blood diseases – provide at least 3 examples.
30. Describe venipuncture.
31. Describe blood tests and blood testing equipment.
32. Describe clinical laboratory tests other than blood tests.
33. Describe chemical elements.
34. Describe lab equipment.
35. Describe lab safety rules.

### List of medical topics Oral Exam TASK 3

#### Major name: PHARMACY / DRUG DISCOVERY AND DEVELOPMENT

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe pain, pain categories and methods of pain relief.
16. Describe blood components, blood functions and blood diseases.
17. Describe nutrients and their impact on the human body.
18. Describe the effects of ageing and common problems of the elderly.
19. Describe common mental health problems.
20. Describe different diagnostic examinations – provide at least 3 examples.
21. Describe bacteria, antibiotics and antibiotic resistance.
22. Describe the hospital team and healthcare facilities.
23. Describe 5 examples of medical equipment and their functions.
24. What are good hygiene practices in any treatments?
25. Describe community pharmacy and hospital pharmacy.
26. Describe products sold in the pharmacy.
27. Describe different types of drugs.
28. Describe dosage regimen and different dosage forms of drugs.
29. Describe different routes of drug administration.
30. Describe contraindications to drug taking – provide at least 3 examples of different drugs.
31. Describe the effects of drugs and adverse reactions to drugs.
32. Describe drug-drug and/or food-drug interactions.
33. Describe common OTC drugs and supplements.
34. Describe medicinal plants and common ailments they are used for.
35. Describe clinical trials of new medicines.

### List of medical topics Oral Exam TASK 3

#### Major name: COSMETOLOGY

1. Describe the structure of the human body.
2. Describe the structure and function of the musculoskeletal system.
3. Describe the structure and function of the respiratory system.
4. Describe the structure and function of the circulatory system.
5. Describe the structure and function of the digestive system.
6. Describe the structure and function of the integumentary system.
7. Describe the structure and function of the urinary system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the reproductive system.
11. Describe different types of diseases – provide at least 3 examples.
12. Describe civilisation diseases linked with modern lifestyle – provide at least 3 examples.
13. Describe infectious diseases and their symptoms – provide at least 3 examples.
14. Describe common accidents & emergencies and first aid.
15. Describe pain, pain categories and methods of pain relief.
16. Describe blood components, blood functions and blood diseases.
17. Describe nutrients and their impact on the human body.
18. Describe the effects of ageing and common problems of the elderly.
19. Describe common mental health problems.
20. Describe different diagnostic examinations – provide at least 3 examples.
21. Describe bacteria, antibiotics and antibiotic resistance.
22. Describe drugs: types, dosage forms, routes of administration.
23. Describe the effects of drugs and adverse reactions to drugs.
24. Describe the hospital team and healthcare facilities.
25. Describe 5 examples of medical equipment and their functions.
26. What are good hygiene practices in any treatments?
27. Describe the role and function of the skin.
28. Describe some common skin diseases – provide at least 3 examples.
29. Describe facial treatments and their benefits – provide at least 3 examples.
30. Describe differences between daily and occasional makeup – provide at least 3 examples.
31. Describe steps of making a manicure.
32. Describe the influence of a diet on the condition of the skin – provide at least 3 examples.
33. Describe the role of herbs in maintaining good skin condition – provide at least 3 examples.
34. Describe advantages and disadvantages of using herbs for beauty purposes.
35. Describe key principles of a good sanitary regime in cosmetology – provide at least 5 examples.