

[KD 352]

APRIL 2001

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — Oral and Maxillofacial Surgery

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss surgical anatomy of Temporo Mandibular Joint. Mention in brief the pathological conditions of TMJ. (25)
 2. Discuss the surgical anatomy of floor of the mouth. Discuss Ludwig's angina. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Facial Nerve
 - (b) Muscles of mastication
 - (c) Leucoplakia
 - (d) Submassetric space
 - (e) C.S.F. leak.
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NOVEMBER 2001

[KE 352]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — Oral and Maxillofacial Surgery

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe in detail the factors involved and the normal process of Blood clotting mechanism. (25)
 2. Describe the surgical anatomy of Deep cervical Fascia and facial spaces in the submandibular region. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Venesection
 - (b) Development of tooth
 - (c) Pathogenesis of Odontogenic cyst formation
 - (d) Pain pathway from maxillofacial region
 - (e) Lymphatic drainage of Tongue.
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MARCH 2002

[KG 352]

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Part II

Branch I — Oral and Maxillofacial Surgery

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Describe in detail the lymphatic drainage of head and neck region. (25)
 2. Illustrate the anatomy of bony orbit. What is a blow out fracture? Discuss the signs, symptoms and its management. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Maxillary artery.
 - (b) Sterilisation and Asepsis.
 - (c) Ludwig's Angina.
 - (d) Emergencies in oral surgery.
 - (e) Suturing materials.
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SEPTEMBER 2002

[KH 352]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — Oral and Maxillo Facial Surgery

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss surgical anatomy of maxillary sinus and write in detail the pathological conditions involving it.

(25)

2. Discuss in detail the radiolucent lesions involving the mandible and its management.

(25)

3. Write briefly on :

(5 × 10 = 50)

- (a) Ethmoidal air sinus
- (b) Para Pharyngeal space
- (c) Stevenson—Johnson syndrome
- (d) Red influx
- (e) Articular eminance.

APRIL 2003

[KI 352]

Sub. Code : 2301

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — Oral and Maxillofacial Surgery

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the surgical anatomy of Temporo-Mandibular Joint. Discuss the pathogenesis of T.M.J. Dysfunction Syndrome. (25)
 2. Describe the extracranial course of Mandibular nerve and its anatomical relations. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Pathogenesis of Osteoradionecrosis of Mandible.
 - (b) Bell's Palsy.
 - (c) Maxillary sinus.
 - (d) Sterilization and Asepsis.
 - (e) Oral Flora.
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OCTOBER 2003

[KJ 352]

Sub. Code : 2301

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — ORAL AND MAXILLOFACIAL SURGERY

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and

Theory : 80 marks

forty minutes

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

M.C.Q. must be answered **SEPARATELY** on the answer sheet provided as per the instructions given on the first page of M.C.Q Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essays :

(2 × 15 = 30)

1. Describe the lymphatic drainage of the head and neck, and its relevance in spread of oral cancer. Add a note on the classification of lymph nodes in the head and neck in relation to its involvement in squamous cell carcinomas.
2. Discuss the patho-physiological changes in the body after acute blood loss.

3. Short notes :

(10 × 5 = 50)

- (a) Histological variants of ameloblastoma
- (b) Frey's syndrome
- (c) TNM classification for squamous cell carcinoma of tongue
- (d) Applied surgical anatomy of maxillary sinus
- (e) Maxillary artery and its relevance in Maxillofacial surgery.
- (f) Etiology of cleft Lip and Palate.
- (g) Nerve injuries.
- (h) Adenomatoid odontogenic tumour
- (i) Dentigerous cysts
- (j) Innervation of tongue.

APRIL 2004

[KK 352]

Sub. Code : 2301

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — Oral and Maxillofacial Surgery

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
Forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

A. Essay :

(2 × 15 = 30)

(1) Discuss the current concepts in pathogenesis of malignancies.

(2) Discuss surgical anatomy of parotid gland.

B. Short notes :

(10 × 5 = 50)

- (1) Tumor markers.
- (2) Bell's Palsy.
- (3) Sialolithiasis.
- (4) Fine needle aspiration cytology.
- (5) Calcifying epithelial odontogenic tumor.
- (6) Hyperbaric oxygen.
- (7) Necrotising sialometaplasia.
- (8) Hyperventilation.
- (9) Ranula.
- (10) Lateral pharyngeal space infection.

AUGUST 2004

[KL 352]

Sub. Code : 2301

M.D.S. DEGREE EXAMINATION.

(Revised Regulation)

Branch I — Oral and Maxillofacial surgery

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

(1) Describe in detail the surgical anatomy of the temporo mandibular joint (TMJ) with special reference to Temporo Mandibular Joint Pain Dysfunction Syndrome.

(2) Classify Salivary gland Tumours. How would you diagnose and manage a female patient with an adenoid cystic carcinoma of hard palate. Briefly describe the reconstruction modalities to restore the defect.

II. Short notes : (10 × 5 = 50)

(a) Lymphatic drainage of Tongue and Floor of Oral Cavity.

(b) Stages of wound healing

(c) Sleep Apnoea disorder

(d) Distraction Osteogenesis

(e) Cavernous sinus thrombosis

(f) Crouzon's syndrome

(g) Central giant cell Tumour

(h) Keratocyst

(i) Surgical anatomy of facial nerve

(j) Osteoradionecrosis.

FEBRUARY 2005

[KM 352]

Sub. Code : 2301

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — Oral and Maxillofacial Surgery

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

(1) Giant cell lesions occurring in the jaw bones.

(2) Classify Ameloblastoma, describe the pathophysiology of different type and its occurrence.

II. Short notes : (10 × 5 = 50)

(a) Fray's syndrome

(b) Palatal Fistula

(c) Temporo Mandibular joint dysfunction syndrome

(d) Keratosis

(e) Stages of wound heal

(f) Lymphatic drainage of tongue and floor of oral cavity

(g) Radical neck disuaction

(h) Fibro-osseous lesions

(i) Squamus cell carcinoma

(j) Osteomyelits.

SEPTEMBER 2006

[KP 352]

Sub. Code : 2301

M.D.S. DEGREE EXAMINATION.

(Revised Regulation)

Branch I — Oral and Maxillofacial Surgery

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and

Theory : 80 marks

forty minutes

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(1) Discuss the clotting mechanism of blood and the importance of fluid-electrolyte balance maintenance in a hemophiliac. (20)

(2) Describe the Anatomy of Temporo Mandibular Joint and the changes that take place with age. (15)

(3) Describe the pathogenesis of osteoradionecrosis with a note on Hyperbaric oxygen therapy. (15)

II. Short notes :

(6 × 5 = 30)

(a) Leukoplakia

(b) Lingual artery

(c) Hepatitis - B

(d) Aneurysmal bone cyst

(e) Sjogren's syndrome

(f) Anaerobic culture.

MARCH 2007

[KQ 352]

Sub. Code : 2301

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — ORAL AND MAXILLOFACIAL SURGERY

**(For candidates admitted from the academic year
1993-94 onwards)**

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions :

- 1. Discuss the surgical anatomy of the parotid region. (20)**
- 2. Describe the pathogenesis of the cysts of the jaws. (15)**
- 3. Discuss fracture healing. (15)**

II. Write short notes on :

(6 × 5 = 30)

- (a) ECA ligation**
 - (b) Venous drainage of face**
 - (c) Odontogenic keratocyst**
 - (d) Penicillin**
 - (e) Giant cell lesions**
 - (f) Complication of wound healing.**
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SEPTEMBER 2007

[KR 352]

Sub. Code : 2301

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — Oral and Maxillofacial Surgery

(For Candidates admitted upto 2003-04)

Part II

Paper I — SURGICAL ANATOMY AND PATHOLOGY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay :

(1) Differential diagnosis of swellings in the angle of the mandible. (20)

(2) Intra-parotid variations of facial nerve and discuss surgical anatomy. (15)

(3) Surgical anatomy of mandibular third molar area. (15)

II. Short notes :

(6 × 5 = 30)

(a) Trigeminal neuralgia.

(b) Management of patient on warfarin therapy.

(c) Cavernous sinus thrombosis.

(d) Necrotizing fasciitis.

(e) Protocol in the management of antibiotic therapy.

(f) Adenomatoid odontogenic tumour.