

विज्ञापन क्रमांक-07/चयन/2013 दिनांक 26.09.2012 के अंतर्गत
दन्त शल्य चिकित्सक परीक्षा-2013 की
परीक्षा योजना एवं पाठ्यक्रम

1. दन्त शल्य चिकित्सक के रिक्त पदों की परीक्षा में सिर्फ एक प्रश्न पत्र होगा जिसमें वस्तुनिष्ठ प्रश्न होंगे।
2. इस प्रश्न पत्र के भाग-A से 40 प्रश्न एवं भाग B से 80 प्रश्न कुल 120 प्रश्न होंगे। इस प्रश्न पत्र में सभी प्रश्न वस्तुनिष्ठ (बहुविकल्पीय) प्रकार के A,B,C,D संभावित उत्तरों वाले होंगे। प्रत्येक प्रश्न 3 अंकों का होगा, तथा समयावधि 2 घंटे होगी। इस प्रकार कुल पूर्णांक 360 अंकों का होगा।
3. प्रश्न पत्र अंग्रेजी भाषा में होगा।
4. लिखित परीक्षा में आवश्यक उत्तीर्णांक :-

लिखित परीक्षा में उत्तीर्ण होने हेतु अनारक्षित आवेदकों को प्रश्नपत्र में 40 प्रतिशत अंक प्राप्त करना अनिवार्य होगा। मध्यप्रदेश के अधिसूचित अनुसूचित जाति, अनुसूचित जनजाति तथा अन्य पिछड़ा वर्ग श्रेणी एवं निशक्त के आवेदकों को लिखित परीक्षा में उत्तीर्ण होने हेतु 10% की छूट अर्थात् 30% प्राप्तांक आवश्यक हैं। इस छूट का लाभ मध्यप्रदेश के मूल निवासी को ही मिलेगा। इसमें लिखित परीक्षा में प्राप्त अंकों के आधार पर श्रेणीवार गुणानुक्रम में विभिन्न वर्गों से भरी जाने वाली कुल रिक्तियों की पद संख्या के तीन गुना तथा समान अंक प्राप्त करने वाले आवेदक साक्षात्कार हेतु आमंत्रित किये जावेंगे।

5. साक्षात्कार के लिए कुल 40 अंक निर्धारित है।
6. साक्षात्कार उपरान्त चयनफल साक्षात्कार एवं लिखित परीक्षा में प्राप्त कुल अंकों के योग के मेरिट क्रमानुसार घोषित किया जायेगा।
7. लिखित परीक्षा, संभागीय मुख्यालय इंदौर में आयोजित होगी।

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SYLLABUS FOR DENTAL SURGEON'S EXAMINATION - 2013

PART - A **Medical Subjects :-** 40 QUESTION

- ⌚ Detailed Anatomy & Osteology of Head & Neck
- ⌚ Arterial Supply & Lymphatic drainage of the head & neck
- ⌚ Study of cranial nerves – in detail extracranial course 5th, 7th
- ⌚ Histology of Oral tissues
- ⌚ Basic chemistry & fate of haemoglobin, blood groups, WBC types, number, variations, function, formation, circulation.
- ⌚ Pituitary gland - Hormones, actions & abnormal function.
- ⌚ Inflammation - Acute & chronic inflammation, repair of wound.
- ⌚ Hemorrhage, Shock, Syncope
- ⌚ Circulatory disturbances & Hypertension.
- ⌚ Introduction to Bacteriology with special reference to medical & Dental Bacteriology.
- ⌚ Immunity & immunizing agents.
- ⌚ Biochemistry applied to Dental Science.
- ⌚ Cardiovascular Drugs - Vasopressor agents & treatment of shock.
- ⌚ Dosage & mode of administration of drugs
- ⌚ Role of Calcium and vitamins in growth and development of oral tissues
- ⌚ Drugs acting on blood - anticoagulants, coagulants & hematinic
- ⌚ Vitamins, proteins, minerals & trace elements
- ⌚ Antiseptics, astringents.
- ⌚ Medical emergencies in Dental practice.
- ⌚ Congenital & rheumatic heart disease.
- ⌚ Anaemia, coagulation defects, bleeding diseases
- ⌚ Allergy, Drug reactions

PART - **B. Dental Subjects :-** 80 QUESTION

- ⌚ Immunity, knowledge of organisms commonly associated with diseases of oral cavity.
- ⌚ Study of Human masticatory apparatus and its functions in healthy and deranged occlusal states & in conditions incidental to partial or complete loss of teeth and/or facial structure.

- ④ Study of the principle, procedures and techniques of constructing and maintaining various types of dentures and allied prosthesis including the material used.
- ④ Study of biological & mechanical considerations related to various types of dentures and allied prosthesis.
- ④ Applied anatomy, physiology, biochemistry of the periodontium.
- ④ Characteristics of periodontal diseases, etiology, pathogenesis and microbiology.
- ④ Periodontal Therapeutics.
- ④ Surgical aspects of Periodontics.
- ④ Traumatic periodontal disturbances.
- ④ Inter relationship of periodontal with other dental or clinical disciplines.
- ④ Public health aspects of Periodontal diseases.
- ④ Preventive Periodontics.
- ④ Current advances in periodontics. Guided bone regeneration, procedure/technique, uses and various types of membranes.
- ④ Basics of laser, types & uses in dentistry.
- ④ Various types of bone grafts & their uses.
- ④ History and rationale of conservative procedures.
- ④ Pathologic and non-pathologic lesions of the hard tissues of the teeth, advanced knowledge of etiology, diagnosis, treatment and prevention.
- ④ Modern development & advanced knowledge of restorative materials, procedures, cutting tools, drugs and chemicals used in conservative dentistry.
- ④ Modern biological & mechanical concept.
- ④ Dental caries-detailed study of research, methods used in studying. Dental Caries and its prevention.
- ④ Conservative dentistry in relation to other branches of dentistry including geriatric dentistry.
- ④ History and rationale of endodontic procedures.
- ④ Pulp and periapical pathology, advanced knowledge of etiology, diagnosis, treatment and management of pulp involved in teeth.
- ④ Bacteriological investigations and intra coronal medication.
- ④ Advanced knowledge of development of root canal instruments their sterilization and use. Advanced knowledge of restorative materials and operative procedures in endodontics.
- ④ Etiology, treatment of fractured and traumatized teeth.
- ④ Endodontic procedures for reimplantation of teeth and fundamentals of surgical procedures for reimplantation of teeth.
- ④ Surgical Anatomy to approach various organ, like mandible maxilla & T.M.J.
- ④ Metastasis, infections, osteo radionecrosis.
- ④ Surgical procedures of
 - Diseases and defects of oro facial region.



dentics
- Prosthodontics and orthodontics problems.

- Recent advances in oral and maxilla facial oral surgery in medically compromised patient.

- ③ General Anaesthesia.
- ③ Fracture of middle third & Mandible.
- ③ Growth & development, Anthropology, Genetics, Embryology, Statistics, Nutrition, normal occlusion and variations.
- ③ Malocclusion, Etiology of malocclusion, radiology and Cephalometry, preventive & interceptive orthodontics, corrective orthodontics, development of orthodontics.
- ③ Appliances and techniques.
- ③ histological changes related to orthodontics treatment, retention and anchorage.
- ③ Clinical pathology & microbiology as applied to oral & facial lesions.
- ③ Congenital & hereditary disorders involving lesions of oro facial region.
- ③ Systemic diseases with oral manifestation.
- ③ Hematological, dermatological & neurological condition with oral manifestation.
- ③ Salivary glands disorders.
- ③ Disease of reticulo endothelial system & auto immune diseases.
- ③ TMJ Dysfunction.
- ③ Allergy, Forensic odontology & other miscellaneous. Conditions.
- ③ Neoplasm, cysts and premalignant lesions and their management.
- ③ Hazards of radiation.
- ③ Radiological techniques of head & neck region Including C.T. Scan, MRI & Dentascanner.
- ③ Radiological anatomy of head & neck & interpretation of X-ray films.
- ③ Principles of Oral and Dental health in children.
- ③ Diagnosis – Examination, diagnostic aids, diagnosis and treatment planning.
- ③ Clinical Pedodontics-
- ③ Management of developmental anomalies, teething disorders, Dental caries, traumatized teeth, problems of primary & mixed dentition, premature loss of teeth, mouth habits and stomatologic conditions.
- ③ Management of handicapped child.
- ③ Oral surgical procedures of child patient.
- ③ Preventive Pedodontics- epidemiology, general and specific preventive measures.
- ③ Psychology-Psychological development from birth to adolescence.
- ③ Management of child in Dental office.
- ③ Study of principles of reactive & special techniques used for histopathology including principles of histochemistry as related to oral pathology.
- ③ Advanced & histopathologic study of dental & oral tissues including embryologic consideration.

- ④ Oral microbiology & their relationship to various branches of dentistry.
- ④ Study of principles & techniques of oral cytology and oral biopsy procedures.
- ④ Forensic dentistry.
- ④ Recent advances in dentistry.
- ④ School and dental public health programme.
- ④ Preventive Dentistry.
- ④ Concept of prevention level and application of various preventive measures at individual and mass level preventive programme in dentistry.
- ④ Dental auxiliaries.
- ④ Fluorosis & various preventive methods.
- ④ Fluoridation, norms for potability, purification of water.
- ④ Importance of nutrition on health, common disorders related to nutritional deficiencies.
- ④ Disposal of wastes, pollution & radiation hazards, occupational hazards.
- ④ Epidemiology.
- ④ Ethics , Dental council of India, Indian Dental Association.
- ④ Basics of oral implantology, various types, procedures and their implication in relation to systemic diseases.

