



HARYANA PUBLIC SERVICE COMMISSION
BAYS NO 1-10, BLOCK-B, SECTOR - 4, PANCHKULA

ADVERTISEMENT NO. **02/2021**

Item (s)	Timeline
Date of publication	25.02.2021
Opening date for submission of online applications	01.03.2021
Closing date for submission of online applications	26.03.2021

(The Commission's Website: www.hpsc.gov.in)

IMPORTANT

1. **CANDIDATES TO ENSURE THEIR ELIGIBILITY FOR THE POST:** The Candidates applying for the post should ensure that they fulfill all eligibility conditions for the post. Their admission to the recruitment process will be purely provisional subject to satisfying the prescribed eligibility conditions. Mere issue of e-Admit Card to the candidate will not imply that his/her candidature has been finally cleared by the Commission. The Commission takes up verification of eligibility conditions with reference to original documents only after the candidate has qualified for the interview.
Note: The decision of the Commission with regards to the eligibility or otherwise of a candidate shall be final.
2. **HOW TO APPLY:**
Candidates are required to apply online on the website <http://hpsc.gov.in/en-us/> Detailed instructions for filling up online applications are available on the above mentioned website. No other means / mode of submission of application will be accepted.
3. **LAST DATE FOR RECEIPT OF APPLICATIONS:**
The online Applications can be submitted up to **26.03.2021** till 11:55 PM. The eligible candidates shall be issued an e-Admit Card well before the commencement of the written test, if any. The e-Admit Card will be made available on the website <http://hpsc.gov.in/en-us/> for downloading by the candidates. No Admit Card will be sent by post.
4. **FACILITATION COUNTER FOR GUIDANCE OF CANDIDATES:**
In case of any guidance/information/clarification regarding their applications, candidature etc, candidates can contact over Helpline No (Technical) -

022-61306209, Helpdesk Email ID (Technical Queries) hpscruitmentexam@gmail.com on any working day, between 09.00 hrs and 18.00 hrs.

5. Category wise bifurcation of the posts is as under:-

Sr. No	Name of the post	Gen / UR	SC of Hry	BC-A of Hry	BC-B of Hry	EWS of Hry	Total	ESM of Hry	PwBD of Hry.	ESP of Hry.
1.	DENTAL SURGEON (CLASS-II)	45	15	08	05	08	81	Gen-02 SC-01 BC-B-01	03	SC-01 BC-A-01
	TOTAL	45	15	08	05	08	81	04	03	02

Note 1. Abbreviations used:-

- Gen/ UR - General/Unreserved,
 SC of Hry. - Scheduled Castes of Haryana,
 BC(A) of Hry. - Backward Classes (A) of Haryana,
 BC (B) of Hry. - Backward Classes (B) of Haryana,
 EWS of Hry. - Economically Weaker Sections of Haryana,
 ESM of Hry. - Ex-servicemen of Haryana,
 ESP of Hry. - Eligible Sports Persons of Haryana,
 PwBD of Hry. - Persons with Benchmark Disabilities of Haryana.

Note 2. The posts reserved for PwBD category will be filled from the candidates having disabilities shown as under:-

Persons with Benchmark Disabilities horizontal reservation	Categories of Disability
03 posts	Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy

Note 3. The number of posts given against each category is liable to variation.

6. Essential Qualifications:-

- Bachelor of Dental Surgery or Licenciante in Dental Science or Licenciante in Dental Surgery of a recognized university.
- Registered as Dental Surgeon on Part 'A' of the Dentists Act, 1948.
- Knowledge of Hindi/Sanskrit upto Matric standard or Higher

7. Scale of Pay: FPL-9

8. The Service Rules & Amendments (upto the issuance of this Advertisement) for this recruitment are available on the website of Health Department, Haryana i.e. <http://haryanahealth.nic.in>

9. The tentative Schedule for the conduct of Recruitment test for the above posts is as under:-

- (i) Recruitment test - Likely to be conducted in **April / May 2021**
(ii) Viva- Voce - To be announced later.

The exact date for the above exam will be notified later on Commission's website i.e. www.hpssc.gov.in in due course of time.

10. Eligibility Conditions (Nationality):

For this Examination, a candidate must be either:-

- (a) a citizen of India, or
(b) a subject of Nepal, or
(c) a subject of Bhutan, or
(d) a Tibetan refugee who came over to India before 1st January, 1962 with the intention of permanently settling in India, or
(e) a person of Indian origin who has migrated from Pakistan, Burma, Sri Lanka, East African countries of Kenya, Uganda, the United Republic of Tanzania, Zambia, Malawi, Zaire, Ethiopia and Vietnam with the intention of permanently settling in India.

Provided that a candidate belonging to categories (b), (c), (d) and (e) shall be a person in whose favour a certificate of eligibility has been issued by the Government of India.

A candidate in whose case a certificate of eligibility is necessary, may be admitted to the examination but the offer of appointment may be given only after the necessary eligibility certificate has been issued to him/her by the Government of India.

11. AGE LIMITS: Candidate should not be less than 18 years and not more than 42 years as on **26.03.2021** i.e. closing date to apply for the post.

(I) The relaxation in maximum age for various categories is available as under:-

Sr. No.	Categories where relaxation is admissible	No. of years of relaxation
(i)	Schedules Castes / Scheduled Tribes	5 years
(ii)	Backward Classes.	5 years
(iii)	Wives of military personnel who are disabled while in military service.	5 years
(iv)	Widowed or legally divorced women provided she has not remarried.	5 years
(v)	Judicially separated women residing separately for more than two years from the date as prescribed for the purpose of age for candidates of	5 years

	other categories.	
(vi)	Unmarried women.	5 years
(vii)	Ex-serviceman*	to the extent of his military service added by three years provided – (a) he has rendered continuous military service for a period of not less than six months before his release; and (b) he was released otherwise than by way of dismissal or discharge on account of misconduct or inefficiency.
viii)	Disabled persons who are covered under the Rights of Persons with Disabilities Act, 2016.	(i) 5 years (+5 years if candidate belongs to S/Caste, S/Tribe, B/Classes) subject to maximum of 55 years.
(ix)	Persons who have already worked or presently working on adhoc/ contract/ work-charged/ daily wages basis in any Department / Board / Corporation of Haryana Government.	Equal to the period of experience on adhoc/ contract/ work-charged/ daily wages basis excluding the period of break, if any, subject to attaining the maximum age of 55 years.
*For appointment of an ex-serviceman to a post of Group A, B, C or D, his/her age will be calculated keeping in view the actual age minus (actual period of military service plus three years). If the resultant age does not exceed the maximum age limit prescribed for the post for which he/she is seeking appointment he/she shall be deemed to satisfy the condition regarding age limit.		

(II) Definition of Ex-Servicemen (ESM):

(As per instructions No. 36034/5/85-Estt. (SCT) dated 14.04.1987, No. 12/99/8-2GSII dated 08.11.1988 and No. 12/18/2006-4GSII dated 08.01.2008)

“An ex-serviceman’ means a person, who has served in any rank whether as a combatant or non-combatant in the Regular Army, Navy and Air Force of the Indian Union and

- (I) who retired from such service after earning his / her pension; or
- (II) who has been released from such service on medical grounds attributable to military service or circumstances beyond his control and awarded medical or other disability pension; or
- (III) who have been released otherwise than on his own request from such service as a result of reduction in establishment; or
- (IV) who has been released from such service after completing the specific period of engagements, otherwise than at his own request or by way of dismissal or discharge on account of misconduct or inefficiency, and has been given a gratuity’; and includes personnel of the Territorial Army of the following categories namely:-

- Pension holders for continuous embodied service
- Persons with disability attributable to military service; and
- Gallantry award winners.”

Note 1. ESM candidates of Haryana claiming benefit under this category must have valid Identity Card and Discharge Book / Certificate showing the date of entry into military and date of release, on the last day of submission of online application form and will have to produce the same as and when required by the Haryana Public Service Commission.

Note 2. The reservation for ESM will be utilized as per Haryana Government instructions issued vide No. 945-GS-II-72/6451 dated 06.03.1972 and further clarified vide Govt. Instructions No. 12/15/2019-4GSII dated 07.08.2019 & even letter no. dated 16.12.2019 (available on the website of Chief Secretary to Govt. Haryana i.e. <http://csharyana.gov.in/>)

Note 3. It is made clear that the dependent of ESM candidates will be considered as General / SC / BC-A / BC-B Category (their own category) candidates for all intents and purposes. However, in case of non-availability of suitable Ex-servicemen of Haryana, their dependent sons and daughters of the same category who fulfill all the conditions of qualifications, age etc. prescribed for the posts in question will also be considered on merit against the reserved posts for ESM and this entitlement would be available to one dependent child only.

(III) Sports Gradation Certificate required for the candidates belonging to ESP (Eligible Sports Persons) of Haryana:

The candidates belonging to ESP category of Haryana are required to attach SPORTS GRADATION CERTIFICATE issued by the competent Authority in accordance with the instructions issued by Sports & Youth Affairs Department, Haryana applicable on the date of issuance of this Advertisement.

Note: Only the holders of Grade-A or B sports gradation certificate will be considered eligible for above post.

(IV) Certificate by the candidates belonging to Economically Weaker Sections (EWS) of Haryana:

- The candidates belonging to EWS category of Haryana are required to attach necessary CERTIFICATE as per Haryana Govt. Instructions issued vide No. 22/12/2019-1GS-III dated 25.02.2019 (Available on the website of C.S. Haryana i.e. <http://csharyana.gov.in/>) issued by the competent Authority.

ii) In case the vacancies earmarked for EWS cannot be filled up due to non-availability of a suitable candidate belonging to EWS, such vacancy will be filled from General/Unreserved category.

12. Evidence of Age: The Matriculation certificate or equivalent academic certificate thereto is the only acceptable document for evidence of age.

13. APPLICATION FEE:

The category wise application fee payable through Net Banking, Debit Card and Credit Card upto 11:55 PM of the closing date i.e. **26.03.2021** is as under:-

Sr. No.	Categories of candidates	Fees (Rs.)
1.	(i) For Male candidates of General category including Dependent Son of Ex-Servicemen of Haryana. (ii) For Male candidates of General and all reserved categories of other States.	1000/-
2.	(i) For all Female candidates of General category including Female Dependent of ESM of Haryana only. (ii) For Female candidates of General and all reserved categories of other States.	250/-
3.	(i) For Male & Female candidates of SC / BC-A / BC-B / ESM categories of Haryana only. (ii) Economically Weaker Sections (EWS)	250/-
4.	For all Persons with Disabilities category candidates (with at least 40% disability) of Haryana only.	NIL

Note 1: Fee will not be refunded to those candidates who did not appear in the Recruitment test.

Note 2: Applications without the prescribed fee (unless remission of fee is claimed) shall be summarily rejected.

Note 3: Fee once paid shall not be refunded under any circumstances nor can the fee be held in reserve for any other examination or selection.

14. How to Apply:

Candidates are required to apply online using the website of the Commission i.e. <http://hpsc.gov.in/en-us/>. Detailed instructions for filling up online applications are available on the above mentioned website. The applicants are advised to submit only single application. However, if due to any unavoidable situation, if he/she submits another/multiple applications, then he/she must ensure that application with the Highest Application Number is complete in all respects like applicant's details, examination centre, photograph, signature, fee etc. The applicants who submit multiple applications should note

that only the applications with Highest Application Number shall be entertained by the Commission and also that the fee paid against one Application Number shall not be adjusted against any other Application Number.

15. Regarding No Objection Certificate by the Employer:

- (i) The employees of Haryana Government who have not executed any bond with the State Govt., may forward their application without NOC from the Department. However, self-declaration of such Govt. employees is required to be submitted to the effect that employee is not facing any disciplinary proceedings. In case of employees who have executed bond with the State Govt. (viz. Doctors) the NOC of Head of the Department (HOD) shall, however, be required. If the candidate resigns after sending the application, then such candidate will be interviewed only if he/ she produces a letter from the HOD to the effect that he / she has resigned from the post and his / her resignation has been accepted. The NOC or the letter, as the case may be, shall be submitted on or before the date of his/her interview failing which he/she will not be interviewed.
- (ii) The candidate who joins service under any Govt., Quasi- Govt. Organisation, Public Sector Undertaking after the submission of application and has executed a bond, will have to produce NO OBJECTION CERTIFICATE from the employer, on or before the date of his / her interview failing which he or she will not be interviewed.

Persons in private employment are not required to submit their application forms through their employer or to produce the employer's NOC / permission at the time of interview.

16. Scribe / Extra Time for PwBD category candidates of Haryana:

- i) An extra / compensatory time 20 minutes per hour will be allowed in each paper to the Persons with Benchmark Disabilities (Blind and Low vision or Locomotor Disability), only on production of a Medical Certificate issued by Medical Board constituted by the Chief Medical Officer of concerned district, and after issuing permission by the Commission in this regard.
- ii) The PwBD (Blindness and Low vision) candidates who want the help of a scribe to write his/her paper will have to apply to the Commission for the permission of a scribe separately well in time i.e. at least 10 days prior to the commencement of the Examination.
- iii) The candidate has to make his / her own arrangement of a scribe.
- iv) The scribe should be a studying-student upto 10+2 and his/her photo & other particulars should be duly verified by the Principal of the Institution in which the student is studying. No online request for a scribe will be accepted by the Commission.

The PwBD (Blindness and Low vision) candidates who want only extra time (without the help of a scribe) will have to apply to the Commission for the permission for extra time well in time.

- v) PwBD candidates suffering from Locomotors Disability who want extra, compensatory time, will have to apply to the Commission for permission. Such candidates will be allowed extra time @ 20 minutes per hour for Examination, on production of medical certificate issued by a Medical Board, clearly stating therein that the candidate's writing ability is severally affected due to his / her disability.
- vi) It should be noted that no such permission in the above cases will be granted by the Centre Supervisor.

17. A candidate who is or has been declared by the Commission to be guilty of:

- (i) Obtaining support for his candidature by the following means, namely:—
 - (a) offering illegal gratification to; or
 - (b) applying pressure on; or
 - (c) blackmailing, or threatening to blackmail any person connected with the conduct of the examination; or
- (ii) impersonation; or
- (iii) procuring impersonation by any person; or
- (iv) submitting fabricated documents or documents which have been tampered with; or
- (v) Uploading irrelevant photos in the application form in place of actual photo / signature.
- (vi) Making statements which are incorrect or false or suppressing material information; or
- (vii) Resorting to the following means in connection with his candidature for the examination, namely:—
 - (a) obtaining copy of question paper through improper means;
 - (b) finding out the particulars of the persons connected with secret work relating to the examination;
 - (c) influencing the examiners; or
- (viii) being in possession of or using unfair means during the examination; or
- (ix) writing obscene matter or drawing obscene sketches or irrelevant matter in the scripts; or
- (x) misbehaving in the examination hall including tearing of the scripts, provoking fellow examinees to boycott examination, creating a disorderly scene and the like; or
- (xi) harassing or doing bodily harm to the staff employed by the Commission for the conduct of their examination; or
- (xii) being in possession of or using any mobile phone, (even in switched off mode), pager or any electronic equipment or programmable device or storage media like pen drive, smart watches etc. or camera or bluetooth devices or any other equipment or related accessories either in working or switched off mode capable of being used as a communication device during the examination; or

- (xiii) violating any of the instructions issued to candidates along with their admission certificates permitting them to take the examination; or
- (xiv) attempting to commit or, as the case may be, abetting the commission of all or any of the acts specified in the foregoing clauses; may in addition to rendering himself liable to criminal prosecution, be liable :—
 - (a) to be disqualified by the Commission from the Examination for which he is a candidate; and/or
 - (b) to be debarred either permanently or for a specified period:—
 - (i) by the Commission, from any examination or selection held by them;
 - (ii) by the central government from any employment under them; and
 - (c) if he is already in service under Government to disciplinary action under the appropriate rules:

Provided that no penalty under this rule shall be imposed except after:—

- (i) giving the candidate an opportunity of making such representation in writing as he may wish to make in that behalf; and
- (ii) taking the representation, if any, submitted by the candidate within the period allowed to him into consideration.

18. CORRESPONDENCE WITH THE COMMISSION:

The Commission will not enter into any correspondence with the candidates about their candidature except in the following cases:-

- i) If a candidate is not able to download his/her e-Admit Card or does not receive any other communication regarding his/her candidature for the examination well before the commencement of the examination, he/she should at once contact the Commission. Information in this regard can also be obtained over Helpline No (Technical) - 022-61306209, Helpdesk Email ID (Technical Queries) hpscruitmentexam@gmail.com. In case no communication is received in the Commission's Office from the candidate regarding non-receipt of his/her e-Admit Card well before the examination, he/she himself/herself will be solely responsible for non-receipt of his/her e- Admit Card. No candidate will ordinarily be allowed to take the examination unless he/she holds an e-Admit Card for the examination. On downloading of e-Admit Card, the candidates should check it carefully and discrepancies/errors, if any, should be brought to the notice of the Commission immediately.
- ii) The decision of the Commission as to the eligibility or otherwise of a candidate shall be final.
- iii) Candidates should note that the name in the Admit Card in some cases may be abbreviated due to technical reasons.
- iv) Candidates must ensure that their Mobile No. & Emails IDs given in their online application are valid and active.
- v) All communications to the Commission should invariably contain the following particulars:-

1. Name and year of the examination.
2. Application Number
3. Roll Number (if received)
4. Name of candidate (in full and in block letters)
5. Complete postal address as given in the application.

Communication not containing the above particulars may not be attended to.

- vi) Candidates should note down their Application Number for future reference. They may be required to indicate the same in connection with their candidature in future.
- vii) All correspondence with the Commission should be addressed to the Secretary, Haryana Public Service Commission, Bays No. 1-10, Block- B, Sector-4, Panchkula, Haryana.

19. Reservation:

- (i) The benefit of reservation will be given only to those SC/BC-A/BC-B/PwBD/ESM/ESP/EWS category candidates who are domicile of Haryana State.
- (ii) The women candidates seeking reservation under SC/BC-A/BC-B category are required to submit the Caste Certificate issued by the Competent Authority from Parental Side (Father's side) only. It should be noted that Certificate from in-laws (Husband Side) will not be entertained.
- (iii) The candidates of reserved categories of Haryana for which no post is available / reserved, if any, can apply for the posts of General category, if he / she fulfils all the eligibility conditions as meant for General category candidates, except fees. Such candidates must attach scanned copy of their caste certificate for claiming fees concession.
- (iv) The reserved category candidates belonging to other States will compete against the posts meant for General/Unreserved Category and will be considered as General/Unreserved category candidates.
- (v) Reservation for Freedom Fighters & their children / grand children of Haryana will be available only if quotas reserved for Ex-servicemen or Backward Classes remains unfilled due to non-availability of suitable Ex-servicemen or their dependents or non-availability of suitable candidates from Backward Classes. Over all reservation either from the unfilled vacancies of Ex-servicemen or from the Backward Classes for Freedom Fighters / their children / grand children will remain limited to 2% only. This benefit will be available to all grand children i.e. sons and daughters of sons and daughters (parental as well as maternal) of the Freedom Fighters.

20. General Instructions:

- i) The use of any mobile phone (even in switched-off mode), pager or any electronic equipment or programmable device or storage media like pen drive, smart watches etc. or camera or blue tooth devices or any other equipment or related accessories either in working or switched-off mode

capable of being used as a communication device during the examination is strictly prohibited. Any infringement of these instructions shall entail disciplinary action including ban from future examinations.

- ii) Candidates are advised in their own interest not to bring any of the banned items including mobile phones/pagers to the venue of the written test/examination as arrangement for safe-keeping cannot be assured. Commission will not be responsible for any loss in this regard.
- iii) Candidates are also advised not to bring any valuable/costly items to the venue of the written test/examination as safe-keeping of the same cannot be assured. Commission will not be responsible for any loss in this regard.
- iv) Candidates should ensure that the signatures appended by them at all the places viz. at uploaded application form, attendance list, and in other documents as well as in all the correspondence with the Commission should be identical. If any variation is found in the signatures appended by a candidate, his / her candidature will be liable for cancellation by the Commission.
- v) No candidate shall be admitted to the written test/examination unless he/she holds a certificate of Admission/Admit Card issued by the Commission.
- vi) Success in the written test/examination confers no right to appointment unless Government is satisfied after such enquiry as may be considered necessary, that the candidate is suitable in all respects for appointment.
- vii) Due care should be taken by the candidates while filling up the online application form. **Incomplete or defective application form shall be summarily rejected.** No representation or correspondence regarding such rejection shall be entertained under any circumstances.
- viii) Candidates are directed to ensure that they are in possession of all the certificates / documents in support of their claim, which have been issued on or before the closing date. The certificates issued after the closing date will not be accepted by the Commission.

21. **Withdrawal of applications:**

No request for withdrawal of candidature received from a candidate after he/she has submitted his/her application will be entertained under any circumstances.

22. **Syllabus of the written test for the post of Dental Surgeon (Class-II):-**

The syllabus for the online recruitment exam will be as under:-

- (I) **“GENERAL HUMAN ANATOMY:** Applied anatomy including blood & nerve supply of upper & lower limbs, head & neck.
 - a) **ANATOMY OF HEAD AND NECK:** Cranial and facial bones(maxilla & mandible), foramina & sinuses of the skull, scalp, anterior & posterior triangles of the neck, TMJ, myofacial pain dysfunction syndrome, muscles of mastication and facial expression, muscles of tongue & its nerve supply, arterial supply and venous drainage of the head and neck, structure and function of the brain, brief considerations of V, VII, XI, XII, cranial nerves and autonomic

nervous system of the head and neck, Facial Nerve & its branches, Trigeminal Nerve, salivary glands, tooth eruption.

- b) **EMBRYOLOGY:** Development of the face, tongue, jaws, TMJ, tooth formation.
 - c) **DENTAL ANATOMY:** Anatomy of primary and secondary dentition, tooth morphology (Enamel, Dentine, Cementum, Pulp), concept of occlusion, mechanism of articulation and masticatory function, root length, root configuration, tooth-numbering systems & age changes.
 - d) **HISTOLOGY:** Epithelium, connective tissue including cartilage and bone, muscle tissue, peripheral nerve, sensory ganglion, motor ganglion, skin, salivary glands, tooth, lip, tongue, hard palate.
- (II) **GENERAL PHYSIOLOGY AND NUTRITION:** Mastication, taste buds, deglutition, digestion and assimilation, Homeostasis, fluid and electrolyte balance, blood composition, volume, function, blood groups and hemorrhage, pulse, blood pressure, capillary and lymphatic circulation, shock, respiration, anoxia, hypoxia, asphyxia, artificial respiration, pituitary, parathyroid and thyroid glands and sex hormones, role of calcium and Vitamin A,B,C,&D, salivary glands and saliva, physiology of pain, sympathetic and parasympathetic nervous system.
- (III) **GENERAL BIOCHEMISTRY:** General principles governing the various biological activities of the body, such as osmotic pressure, electrolytic dissociation, oxidation-reduction, carbohydrates, proteins, liquids and their metabolism, enzymes, vitamins, minerals, Krebs cycle, hormones, blood, metabolism of inorganic elements, detoxification in the body & anti metabolites.
- (IV) **GENERAL PHARMACOLOGY AND THERAPEUTICS:** Drugs acting on the central nervous system, general anesthetics, hypnotics, local anesthetics, chemotherapeutics and antibiotics, antitubercular drugs, Analgesics and antipyretics, Antiseptics, astringents, obtundents, styptics, sialogogues and antisialogogues, Haematinics, Coagulant & anticoagulant drugs, Cortisones, ACTH, insulin and Vitamins: A, D, B — complex group C, K etc., antibiotic prophylaxis and infectious endocarditis, histamines.
- (V) **DENTAL MATERIALS:** Adhesion, physical & biological properties of dental materials, gypsum, impression materials, synthetic resins, restorative resins, metal & alloys, casting alloys, dental waxes, inlay casting wax, casting investments, soldering, dental cements, dental ceramics, polishing agents, dental implants.
- (VI) **PATHOLOGY:** Inflammation & Immunity, repair and degeneration, cell death, necrosis and gangrene, circulatory disturbances, hypertension, thrombosis, embolism and infarction. Allergy and hypersensitive reactions,

Neoplasms, HIV & hepatitis, diabetes mellitus, anaemia, lymphomas, diseases of the oral cavity viz., lichen planus, stomatitis etc. & osteomyelitis.

(VII) MICROBIOLOGY: Immunity & inflammation, auto immune disorders, hypersensitivity, organisms associated with diseases of the oral cavity, streptococci, staphylococci, Clostridia group of organisms, Spirochaetes, microorganisms of tuberculosis, leprosy, diphtheria, actinomycosis and moniliasis etc., Virology, candidiasis, Cross infection, sterilization & disinfection and hospital waste management

(VIII) ORAL PATHOLOGY: Developmental disturbances of oral and Para oral structures, bacterial, viral and mycotic infections of the oral cavity, dental caries, diseases of pulp and periapical tissues, physical and chemical injuries, oral manifestations of metabolic and endocrine disturbances, Red & White lesions, Diseases of the blood, Periodontal diseases, Diseases of the skin, nerves and muscles in relation to the Oral cavity, Trigeminal neuralgia, Blood groups, R.B.C. and W.B.C. count, BT, CT, PT, PTT, Glycosylated Hb, GTT, forensic odontology, non inflammatory lesions of the jaw, TMJ, cyst & tumors of the oral cavity, ameloblastoma.

(IX) GENERAL MEDICINE: Infections, Cardiovascular system, Respiratory system, Hematology, Renal system, Nutrition, CNS, Endocrine, syncope, cardiac arrest, CPR, shock.

(X) GENERAL SURGERY: Wounds, Inflammation, Infection, HIV, Hepatitis, Shock & hemorrhage, tumors, ulcers, cysts, leukemias & lymphomas, fractures, swellings of the jaw, thyroid & parathyroid glands, biopsy.

(XI) CONSERVATIVE DENTISTRY & ENDODONTICS:

a) CONSERVATIVE DENTISTRY: Nomenclature of dentition, principals of cavity preparation, dental caries, diagnosis, armamentarium, amalgam restoration, pulp protection (cavity liners, varnishes & bases etc.), anterior restorations (silicates, GIC, Composites), Direct filling Gold restorations, Pit & fissure sealants, Rubber dam, direct & indirect pulp capping, hypersensitivity, cast restorations, retraction cord, vitality tests.

b) ENDODONTICS: Pulpal diseases & their management, vital pulp therapy, apexogenesis & apexification, anatomy of pulpal cavity, root canal instruments (hand & power driven), intra canal medicaments, methods of shaping the canal, obturation systems of root canal, root canal sealers, post core preparation, smear layer, discolored teeth & their management, traumatized teeth, retrograde filling, radisectomy, tooth reimplantation, apisectomy, root resorption, lasers, Dental Ethics.

(XII) ORAL & MAXILLOFACIAL SURGERY: Principles of infection control & cross infection, pre medication, LA, GA, Trigeminal nerve & pathways of pain, classification of flaps, bone removal with burs, hemorrhage, drainage & debridement, closure of wounds, exodontia, management of impacted teeth, pre-prosthetic surgery, diseases of maxillary sinus, diseases of TMJ, benign cystic lesions of oral cavity, tumors of oral cavity, fracture of jaw, salivary gland & neurological disorders, cleft lip & palate, medical emergencies, emergency drugs, oral Implantology.

(XIII) ORAL MEDICINE & RADIOLOGY:

- a) **DIAGNOSIS:** Oro facial pain, saliva, ulcers, erosions, sinus, fistula, swellings, red & white lesions, pigmented lesions, lymph nodes, diagnostic tests, biopsy, differential diagnosis.
- b) **ORAL MEDICINE & THERAPEUTICS:** Bacterial, viral & Fungal infections, mucosal lesions, lymphadenopathy, facial pain, altered sensations, tongue, salivary gland disorders, dermatological disorders, immunological disorders, precancerous lesions, allergy, nerve & muscle diseases, forensic odontology.
- c) **RADIOLOGY:** Intra oral & extra oral roentgenography, methods of localization digital radiology and ultra sound, anatomical landmarks of teeth and jaws in radiograms, temporomandibular joint radiograms, neck radiograms, CT and CBCT.

(XIV) ORTHODONTICS & DENTAL, ORTHOPEDICS: Growth & development of dental arches, malocclusion, diagnosis & diagnostic aids, anchorage, biomechanical principles in orthodontic tooth movement, preventive orthodontics, interceptive orthodontics, orthodontic appliances (removable & fixed). Extra oral appliances, myofunctional appliances, retention & relapse.

(XV) PAEDIATRIC & PREVENTIVE DENTISTRY: Development of occlusion, dental anatomy & histology, dental radiology related to pedodontics, oral surgical procedures in pediatric patients, dental caries, gingival & periodontal diseases in children, behavior management, operative dentistry in pediatric patients, pediatric endodontics, dental trauma, preventive & interceptive orthodontics, oral habits, dental treatment of children with special needs, congenital abnormalities, dental emergencies, fluorides, ethics.

(XVI) PERIODONTOLOGY & ORAL IMPLANTOLOGY: Periodontal tissues, saliva, GCF, age changes, classification of periodontal diseases, chronic periodontitis, periodontal pocket, recession, furcation involvement, dental plaque, calculus, bleeding gums, halitosis, systemic factors influencing periodontal diseases, risk factors, host modulation, advanced diagnostic

techniques, prognosis, curettage, flap surgery, mucogingival surgery, furcation management, GTR, Bone graft materials, gingivectomy, osseous resective surgery, splints, implants, Interdisciplinary periodontics, pharmacotherapy,

(XVII) PROSTHODONTICS, CROWN & BRIDGE:

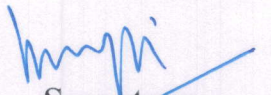
- a) **COMPLETE DENTURES (CD):** Applied anatomy, articulators, principles of retention, support & stability, impression, record bases & occlusal rims, jaw movement, recording maxilla mandibular relation, tooth selection & arrangement, trial denture, fabrication of dentures, denture insertion, complications, maintenance.
- b) **REMOVABLE PARTIAL DENTURES (RPD):** Classification of removable partial dentures, components of RPD, survey & design, mouth preparation, master cast fabrication, laboratory procedures, fit in, temporary acrylic partial dentures, immediate removable partial dentures, maintenance.
- c) **FIXED PARTIAL DENTURE (FPD):** Occlusion, restoration of a single tooth and multiple teeth, finish lines, full veneer crowns, partial veneer crowns, impressions, working casts or dies, wax patterns, various pontic designs, finishing & cementation, resin bonded FPDs.

(XVIII) PUBLIC HEALTH DENTISTRY (PREVENTIVE & COMMUNITY DENTISTRY): General Epidemiology, research methodology, fluorides, nutrition & health, behavioral sciences, ethics & jurisprudence, DCI, IDA, WHO”

23. Pattern of Recruitment Test :

1. The Recruitment Test will be Computer based Objective Type with Multiple Choice Questions.
2. Number of Questions : **200**
3. Maximum Marks : **800**
4. Duration of Paper : **3 hours**
5. All questions carry equal marks.
6. For each wrong answer, one-fourth marks (1 mark) shall be deducted.

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Secretary

Haryana Public Service Commission
Panchkula

Date: 25.02.2021