

2020

Assessment of Fundamental Knowledge (AFK) Protocol

Electronic Examination



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Check-in

During check-in at the Prometric test centre you must present current government issued photo identification. Acceptable forms of government issued photo identification are:

- driver's licence,
- passport, or
- provincial photo identification card.

The ID must be in English or French.

Photo identification must show your name exactly as it appears in your online profile and must not be expired. If the photo identification does not have an expiry date, it must have been issued within the last 10 years.

If you do not provide government photo identification you will not be admitted.

During check-in, you will be scanned with a metal detector wand, fingerprinted, required to raise your pant legs above your ankles, empty and turn all pockets inside-out, and raise shirt sleeves above your wrists prior to entry into the test room.

Prometric staff will inspect eyeglasses, jewelry, and other accessories. These inspections will occur each time you enter the testing room.

You are advised to refrain from wearing jewelry besides wedding rings. Any other jewelry including ornate hair accessories will need to be removed and placed in the locker provided.

You will be provided with scratch paper and a pencil. These items will be collected at the end of the examination.

Format

The AFK is a 6 hour examination plus one scheduled 30-minute break. The AFK consists of 300 single-answer multiple choice type questions. Each question has a value of one. The lowest score for any question is zero.

The examination will be administered electronically at Prometric test centres. The [NDEB's e-Exam Orientation](#) should be viewed prior to taking the AFK.

Sample Question

The following is an example of an AFK question.

The most appropriate antibiotic for infections of pulpal origin is

- Penicillin V.
- lincomycin.
- erthromycin.
- tetracycline.

Content

AFK items are developed based on the Competencies for a Beginning Dental Practitioner in Canada. This document is available in the [Reference Materials & Resources](#) section of the NDEB website.

Terminology

Examination questions are updated on a regular basis as new knowledge becomes available.

The NDEB is aware that the American Academy of Periodontology (AAP) published a new disease classification in the Journal of Periodontology in June 2018. All NDEB examinations and assessments will use the previous AAP classification (1999).

The NDEB will notify examinees when the new disease classification is incorporated into its examinations and assessments.

Blueprint

The blueprint below gives the content areas and approximate percentage of questions in each area.

AFK Blueprint	Approximate % of Questions
Pharmacology & Therapeutics, Local Anesthesia, Medical Emergencies, Medicine including Physiology	24
Orthodontics, Pediatric Dentistry, Geriatric Dentistry, Special Needs Patient including Oral Embryology, Growth and Development	10
Periodontics including Microbiology and Immunology	10
Endodontics	6
Oral Medicine/Oral Pathology including Histology, Oral Radiology	17
Evidenced-based dentistry, Prevention, Infection Control, Ethics & Jurisprudence	7
Oral Surgery, Trauma, Oral Facial Pain, Dental Emergencies including Applied Anatomy	10
Cariology including Microbiology, Biochemistry, Restorative, Prosthodontics, Implants	16
Total	100%

Reference Materials

Reference Texts

A list of reference material recommended in Faculties of Dentistry in Canada can be found in the [Reference Materials & Resources](#) section of the NDEB website. The NDEB also references journal articles, clinical guidelines, and practice standards issued by specialty organizations.

Released Questions

The NDEB publishes a large volume of released questions which are available in the [Reference Material and Resources](#) section of the NDEB website.

Tooth Numbering System

The FDI two-digit tooth numbering system is used in all examinations.

FDI / UNIVERSAL NUMBERING SYSTEM

PERMANENT DENTITION

FDI	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	FDI
Universal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Universal
Universal	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	Universal
FDI	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	FDI
						RIGHT										LEFT	

PRIMARY DENTITION

FDI	5.5	5.4	5.3	5.2	5.1	6.1	6.2	6.3	6.4	6.5	FDI
Universal	A	B	C	D	E	F	G	H	I	J	Universal
Universal	T	S	R	Q	P	O	N	M	L	K	Universal
FDI	8.5	8.4	8.3	8.2	8.1	7.1	7.2	7.3	7.4	7.5	FDI
						RIGHT				LEFT	

Regulations

General

- You must be punctual for all sessions. If you arrive late for a session you may be denied entry to the examination.
- You cannot bring watches and/or devices with recording or transmitting/receiving abilities into the examination room.
- Outerwear of any kind is not permitted in the examination room.
- You must empty all pockets before entering or leaving the examination room.
- You will be required to read and agree to a Confidentiality and Non-disclosure Agreement before you can begin the assessment. If you do not agree, you will not be able to start the assessment. NDEB examination content is confidential. All questions are property of the NDEB. Unauthorized disclosure of examination questions is prohibited under copyright laws. By signing the Confidentiality and Non-disclosure Agreement you agree to maintain the confidentiality of NDEB questions.
- You will have one scheduled break during the examination to use the washroom. If you take an unscheduled break it will be reported to the NDEB and may be considered misconduct.
- You will not have access to your locker during the scheduled break.

Misconduct

You must maintain the confidentiality of all NDEB content. You cannot discuss examination questions or answers before, during or after an examination with others. You cannot attempt to recreate questions.

If at any time you are suspected of compromising the security of the examination, including not complying with the regulations, you will be subject to the NDEB's By-laws regarding misconduct. Additional information on [misconduct](#) can be found on the NDEB website.

Test Accommodations

Test accommodations are granted on an individual basis and are dependent on the nature and extent of the request, documentation provided, and requirements of the examination. Read the NDEB's policies and procedures for [Test Accommodations](#) on the NDEB website.

Compassionate Appeals

Compassionate appeals must be submitted in writing within seven days of the Assessment to appeals@ndeb-bned.ca.

Information regarding [Compassionate Appeals](#) can be found on the NDEB website and in the [NDEB By-laws](#).

Results

Results are normally released within 10 weeks from the date of the examination. You will receive an email notification when your results are available in your online profile.

The results of the Assessment of Fundamental Knowledge will be sent to universities in Canada offering a Qualifying or Degree Completion Program. Results cannot be obtained from educational institutions or Provincial Licensing Authorities.

Results will not be released by telephone, email, or fax.

Passing Standard

To assure a consistent level of difficulty, the NDEB uses test equating and re-scaling procedures to correlate raw scores to scores on a reference examination and to a standardized passing score of 75.

You must obtain a minimum test equated, re-scaled score of 75 to be successful on an NDEB examination.

Rescore

If you receive a failing grade on the Assessment, you have one month from the date results are released to request a verification of your Assessment score.

NDEB staff members confirm the score produced from the electronic examination matches the score provided to the examinee. The examinee's answers are then compared to the master answer key. NDEB staff also confirms the test equating, rescaling (if applicable) has been calculated correctly.

Repeats

Each of the NDEB's examinations can be taken three times, except for the DSCKE which can be taken twice.

2020 AFK Protocol-Electronic Delivery

Recommendation to the Board

MOTION

That the 2020 Assessment of Fundamental Knowledge Protocol: Electronic Delivery be approved.