51st SPECIAL BCS EXAM PREPARATION

Dental Sciences

Complete Syllabus Question Bank

1,000 High-Yield MCQs

Questions • Answers • Explanations

সার্বিক সহযোগিতায়-

মোঃ সাদ্দাম হোসেন
বিডিএস (এসওএমসি, সিলেট)

মোঃ লালন হোসেন
বিডিএস (এসওএমসি, সিলেট)

Original practice questions organized around the eight subjects in your supplied dental syllabus. Continuous numbering: Question 1 to Question 1000. Each question has four options and one best answer.

Correct options have a green background and white text.

Topic index and compact answer key included.

Numerical reference values are approximate unless a question specifies exact values. These are original practice MCQs, not authenticated past-paper questions.

Anatomy • Dental Anatomy • Physiology & Biochemistry • Dental Materials • Pharmacology & Dental Therapeutics • Pathology & Microbiology • Preventive & Community Dentistry • Dental Jurisprudence

Eruption ages are approximate. Tooth notation systems are specified. Historical agents and traditional material classifications are identified. Guideline-specific questions state their context; international guidance does not replace applicable Bangladesh law.

Syllabus overview

Chapter group	Questions	Count
Anatomy	1-100	100
Dental Anatomy	101-260	160
Physiology & Biochemistry	261-400	140
Science of Dental Materials	401-600	200
General Pharmacology & Dental Therapeutics	601-720	120
Pathology & Microbiology	721-820	100
Preventive & Community Dentistry	821-940	120
Dental Jurisprudence	941-1000	60

Topic index

Select a topic title to jump to its questions.

Topic	Questions	Count
01 Anatomy: Terminology, positions and planes	1-8	8
02 Anatomy: Bone structure, nutrition and joint supply	9-16	8
03 Anatomy: Blood vessels and lymphoid organs	17-25	9
04 Anatomy: Genes and chromosome structure	26-29	4
05 Anatomy: Anatomy of cells	30-39	10
06 Anatomy: Elementary genetics	40-45	6
07 Anatomy: Epithelial tissue	46-50	5
08 Anatomy: Connective tissue proper	51-56	6
09 Anatomy: Skeletal system, bones, cartilage, ligaments and joints	57-76	20
10 Anatomy: Muscular tissues	77-82	6
11 Anatomy: Nervous tissue, central, peripheral and autonomic nervous systems	83-88	6
12 Anatomy: Sense organs	89-94	6
13 Anatomy: Endocrine glands	95-100	6
14 Dental Anatomy: Collagen and hard tissues	101-104	4
15 Dental Anatomy: Enamel	105-112	8
16 Dental Anatomy: Dentin	113-120	8
17 Dental Anatomy: Pulp	121-125	5
18 Dental Anatomy: Cementum	126-130	5
19 Dental Anatomy: Periodontal ligament	131-135	5
20 Dental Anatomy: Oral mucosa and gingiva	136-140	5
21 Dental Anatomy: Alveolar bone	141-144	4
22 Dental Anatomy: TMJ and salivary histology	145-150	6
23 Dental Anatomy: Dentitions and notation	151-162	12
24 Dental Anatomy: General landmarks	163-170	8
25 Dental Anatomy: Eruption and development	171-180	10
26 Dental Anatomy: Occlusion	181-190	10
27 Dental Anatomy: TMJ function and salivary ducts	191-200	10
28 Dental Anatomy: Incisors	201-212	12
29 Dental Anatomy: Canines	213-220	8

Topic	Questions	Count
30 Dental Anatomy: Premolars	221-232	12
31 Dental Anatomy: Maxillary molars	233-242	10
32 Dental Anatomy: Mandibular molars	243-252	10
33 Dental Anatomy: Primary tooth morphology	253-260	8
34 Physiology & Biochemistry: Physiology of basic tissues	261-280	20
35 Physiology & Biochemistry: Cardiac cycle	281-287	7
36 Physiology & Biochemistry: Electrocardiography, ECG	288-291	4
37 Physiology & Biochemistry: Blood pressure	292-295	4
38 Physiology & Biochemistry: Cardiac output	296-299	4
39 Physiology & Biochemistry: lung function tests	300-303	4
40 Physiology & Biochemistry: Oxygen and carbon dioxide carriage	304-309	6
41 Physiology & Biochemistry: Regulation of respiration	310-313	4
42 Physiology & Biochemistry: urine formation and concentration	314-319	6
43 Physiology & Biochemistry: Renal function tests	320-322	3
44 Physiology & Biochemistry: Regulation of body fluids and acid-base balance	323-332	10
45 Physiology & Biochemistry: hypophysis, or pituitary gland	333-333	1
46 Physiology & Biochemistry: Thyroid physiology	334-336	3
47 Physiology & Biochemistry: Parathyroid and calcium physiology	337-339	3
48 Physiology & Biochemistry: Endocrine pancreas	340-342	3
49 Physiology & Biochemistry: Adrenal physiology	343-344	2
50 Physiology & Biochemistry: general organization	345-350	6
51 Physiology & Biochemistry: Reflexes	351-352	2
52 Physiology & Biochemistry: Cerebellum	353-355	3
53 Physiology & Biochemistry: Hypothalamus	356-357	2
54 Physiology & Biochemistry: Pupillary light reflex	358-360	3
55 Physiology & Biochemistry: biophysics and biomolecules	361-375	15
56 Physiology & Biochemistry: food, nutrition, vitamins and minerals	376-380	5
57 Physiology & Biochemistry: digestion, absorption, bioenergetics and metabolism	381-392	12
58 Physiology & Biochemistry: clinical biochemistry and endocrinology	393-400	8
59 Science of Dental Materials: Physical, mechanical and biological properties	401-425	25
60 Science of Dental Materials: Impression materials	426-460	35

Topic	Questions	Count
61 Science of Dental Materials: Gypsum	461-480	20
62 Science of Dental Materials: Waxes and casting	481-495	15
63 Science of Dental Materials: Acrylic resins	496-510	15
64 Science of Dental Materials: Amalgam	511-525	15
65 Science of Dental Materials: Composite and adhesion	526-545	20
66 Science of Dental Materials: Cements and liners	546-570	25
67 Science of Dental Materials: Metals and alloys	571-577	7
68 Science of Dental Materials: Ceramics	578-587	10
69 Science of Dental Materials: Tarnish and corrosion	588-595	8
70 Science of Dental Materials: Protective measures	596-600	5
71 General Pharmacology & Dental Therapeutics: formulations, absorption, distribution, metabolism and elimination	601-624	24
72 General Pharmacology & Dental Therapeutics: mechanisms of action and pharmacodynamics	625-630	6
73 General Pharmacology & Dental Therapeutics: half-life, loading doses and steady state	631-637	7
74 General Pharmacology & Dental Therapeutics: rational use, prescribing and medication safety	638-645	8
75 General Pharmacology & Dental Therapeutics: Local anesthetics	646-670	25
76 General Pharmacology & Dental Therapeutics: Anti-infectives and pain	671-690	20
77 General Pharmacology & Dental Therapeutics: Endodontic agents	691-697	7
78 General Pharmacology & Dental Therapeutics: Rinses and gingival displacement	698-702	5
79 General Pharmacology & Dental Therapeutics: Historical devitalizing agents	703-705	3
80 General Pharmacology & Dental Therapeutics: Sensitivity and caries agents	706-710	5
81 General Pharmacology & Dental Therapeutics: Hemostasis	711-715	5
82 General Pharmacology & Dental Therapeutics: Bleaching and salivation	716-720	5
83 Pathology & Microbiology: cell biology, adaptation and injury	721-728	8
84 Pathology & Microbiology: inflammation, degeneration, necrosis and gangrene	729-740	12
85 Pathology & Microbiology: sterilization, disinfection and antisepsis	741-746	6
86 Pathology & Microbiology: growth disorders, tumors and cancer	747-756	10
87 Pathology & Microbiology: radiation hazards and prevention	757-758	2
88 Pathology & Microbiology: immunity, hypersensitivity and AIDS	759-766	8