

1. classify periodontal instruments - Add a note on modifications of gracey curlers. 10m.
2. Enumerate general principles of instrumentation.
3. Contraindications of ultrasonic scalers
4. Side effects of chlorhexidine mouthwash
5. principles of sharpening of instruments.
6. Finger rests.

2. Enumerate general principles of instrumentation.

- * Accessibility.
- * Visibility, illumination & retraction.
- * condition and sharpness of instrument.
- * Maintaining a clean field.
- * Instrument stabilisation
- * Instrument Activation.

3. Contraindications of ultrasonic scalers.

- * Allergic patients.
- * Aerosols created may harm the patient, hypersensitivity reactions.
- * Should not be used in patients having hypertension.
- * Should not be used with pacemakers.

4. side effects of chlorhexidine mouthwash.

- * staining of tongue.
- * Stenosis of parotid gland
- * Increased calculus formation.

6. Finger rests.

- * ~~standard~~ Intraoral finger rests.
 - conventional rest
 - cross arch rest
 - opposite arch rest
 - ...

Pragna

* ~~Extra~~oral finger rests

- * Resting on the cheek on the same side where the palm faces the cheek.
- * Resting on the cheek extraorally where back of the finger rests on cheek.

5. principles of sharpening of instruments.

- * sharpening of instruments is done by abrading the surface against ~~stone~~ ^{sharp} sterile sharpening stone.
- * Oil can be added to the instrument for easy handling.
- * sharp instruments provide easy and proper removal of debris, calculus.
- * whereas dull instruments remove calculus completely but may cause trauma to gingiva as the pressure applied is more for dull instruments to remove calculus.
- * Excessive pressure should not be applied.
- * while sharpening hold the instrument firmly.

1. classification of periodontal instruments.

- * Periodontal probes
- * Explorers
- * Scaling, root planing and curettage instruments.
 - sickel scalers
 - curettes
 - Hoe, chisel and files
 - Ultrasonic and sonic instruments.
- * cleaning and polishing instruments: Rubber cups, dental tapes, brushes.

Gracey curettes.

These are the instruments used to remove subgingival calculus.

These are area specific curettes designed for a particular area of tooth anatomy.

parts of the instrument are:

- working end
- Shank
- Handle

Working end: The working end of Gracey curette is spoon shaped, convex outer surface, rounded tip. It is semicircular in cross-section. On placing the instrument subgingivally it does not harm the ~~into~~ gingiva. Blade angle is at 60° . Inner surface is the working area.

Shank: Shank is straight in case of ~~s~~ instrument used for anterior teeth, and contraindicated in case of posterior teeth for better adaptation of instrument to the tooth surface.

Handle: ~~It~~ can be it is connected to shank. Has serrations for better grip during instrumentation.

Modifications of Gracey curettes.

* Mini-bladed Gracey curettes.

These instruments are modified form of Gracey curettes which enhances more accessibility of the instrument into the gingival, pocket, interproximal areas.

with minimal pressure and frequently more work can be done.

* Extended shank Gracey curettes.

• This is the instrument designed ~~on combination~~ by ~~of~~ ~~mini-bladed~~ ~~and~~ extension of the shank, so that calculus from the deep pockets in the posterior teeth can be removed easily.

• Easy accessibility in the interproximal areas of posterior teeth.

D. Nagaraj
Principal

D.A.P.M.R.V. Dental College
J.P. Nagar I Phase,
Phone - 560 078.

- * combination of both universal and gracey curette.
- * modifications of # 11-12 to # 15-16 gracey curette.
- * modifications of # 13-14 to # 17-18 gracey curette.

* larger and mini-bladed instrument.

It is the combination of extended shank with the mini-bladed instrument.

mini-blade provides easy removal of calculus in the deep sulcus, periodontal pockets, interproximal areas.

Extension of shank enables accessibility of the areas in the posterior tooth region.

Principals

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Bangalore - 560 078.

11/11/19 class Test - 2 (Lipids & Protein chemistry)

- 1) classification & functions of amino acids
5 marks
- 2) Name phospholipids, composition & their function.
5 marks
- 3) ~~class~~ Define & classify lipids.
short essay.
5 marks
- 4) protein structure
- 5) functions of lipids
- 6) Essential fatty acids
- 7) Essential amino acids
- 8) lipoproteins

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Bangalore - 560 078.

Prayansh
Principal
D.A.P.M.R.V. Dental College
J.P. Nagar I Phase,
Bangalore - 560 078.

Schedule for Dec batch


(10-12/19)

Sept - 2019

- o 10th sept - Reproductive system
- o 17th sept - CNS & spl senses
- o 24th sept - Nervous System
- o ~~31~~

Oct - 2019


- o 1st oct - Renal physiology
- o 8th oct - Blood
- o 15th oct - Digestive system
- o 22nd oct - muscle physiology & Resp
- o 29th oct - Endocrinology

Aditya chadda


(9-09-2019)

PAegd
9/9/19

18, 19, 25, 26th - sept => Practical's


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17/9/19

Dec-Batch
2018-19

Reproduction

Max Mark - 25

- ① Describe the phases of menstrual cycle with diagram (5)
- ② Name the placental hormones (2)
- ③ Describe spermatogenesis and explain the factors affecting (5)
- ④ Give 2 fertility control in males and females (3)
- ⑤ Define puberty (2)
- ⑥ Define menarche & menopause (2)
- ⑦ Functions of Testosterone (5)
- ⑧ Cryptorchidism (1)

Asif

Asif

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26/9/19

EVS

Max Mark - 30

- ① Define cardiac cycle and describe the ventricular pressure & volume changes. (10)
- ② Define cardiac output and describe the factors affecting venous return. (10)
- ③ Define shock and list the types. (2)
- ④ Define blood pressure and describe the nervous regulation of blood pressure. (5)
- ⑤ Coronary circulation. (5)
- ⑥ Draw a neat labelled lead II ECG. (2)
- ⑦ Give one cause for prolongation of P-R interval. (3)

Prasad
26/9/19

Prasad
Principal
D.A.P.M.R.V. Dental College
J.P. Nagar I Phase,
Bangalore - 560 078.

BIOCHEMISTRY**CLASS TEST -1 (Nutrition, chemistry & digestion of carbohydrate & proteins)**

TOTAL MARKS – 40

DATE: 30/11/15

Short answer: (Marks are indicated in bracket)

1. Define BMR. Explain the role of temperature in BMR. (2)
2. List out four functions of proteins in the body. (4)
3. Classify any four amino acids. (4)

Name of aa	Nutritional	chemical	metabolic

4. Give two symptoms and cause for kwashiorkor. (2)
5. Explain transamination & decarboxylation with examples. (4)
6. Explain biological value of proteins. (2)
7. Explain nitrogen balance and give one condition for positive & negative nitrogen balance. (4)
8. Define calorie and give calorific value of carbohydrate, protein, and fat. (2)
9. Explain the digestion of carbohydrate & protein in the following table. (4+4)

Four enzymes for carbohydrate & four enzymes for proteins.

Name of enzyme	Substrate	Bond acted	Product	Present in juice

10. Immunoglobulin (4)

Name of immunoglobulin	occurrence	Functions
IgM		
IgG		

11. Name two GAG & function.(2)
12. Two functions of plasma proteins. (2)



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Bangalore - 560 078.

I B.D.S.

2016-17 Class
TESTS

Revision Test: 24/5/17
Nutrition

- 1) Define BMR
- 2) Discuss two factors affecting it
- 3) Name components of balanced diet.
- 4) Discuss importance of (a) Carbs
(b) Prot
(c) fat
(d) mineral (any 4)
(e) vitamins (any 4)
(f) fibre.
- 5)
- 6)
- 7)
- 8)
- 9)
- 10) Calorific value of Prot, Carbs, fat.
- 11) Define Calorie and kilocalorie.
- 12) Koroaliron (Four Symptoms)
- 13) Marasmus. (Four Symptoms)
- 14) SDA & different foods.
- 15) Nitrogen Balance.
- 16) Biological value of Proteins.

- 17) Imp of Case
- 18) Imp of milk as bal-diet

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D.A.P.M.R.V. Dental College
J.P. Nagar I Phase,
Bangalore - 560 078.

Rameen Sulliana

IV BDS

3/6/19

Dept. of Periodontics
DAPM R.V. Dental College
J.P. Nagar, Bangalore - 78.

Second end post.
Periodontics

11/10/19
3/3
D.V.

Name: Basheer

Age: 40

Sex: Male

Address: JP Nagar, Bangalore.

Occupation: Technician

Chief complaint: Patient wants to get filling done in the upper right back tooth region.

History of presenting illness:

Patient gives history of food lodgement in the upper right back tooth region since 1 year.

Past dental history:

Patient has visited dentist for filling ^{upper} left back tooth region 3-4 years.

Medical history:

NRMH

Personal history:

NRH

Oral hygiene habits:

Type of brush: Manual, medium bristled

Dentifrice: Fluoridated toothbrush

Frequency: Once in the morning

Technique: Vertical scrub

Other aids: -

Extraoral examination

Symmetry of face: No gross facial asymmetry:

Lymph nodes: NAD

TMJ: NAD



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Bangalore - 560 078.

Intraoral examination

- ① Oral mucous membrane
 - Buccal mucosa - NAP
 - Lips - competent
 - Tongue - NAP
 - Floor of the mouth - NAP
 - Palate - NAP

gingival problems

- Vestibular depth - Normal
- Frenal attachment - Max - Mucosal
Mand - Mucosal
- Tension test - Negative

Gingival status

colour: Pale pink

Consistency: Soft and edematous wot 16, 17, 18, 26, 27.

Stain: Grade I enlargement wot 16, 17, 18, ~~26, 27~~
Grade II enlargement wot 26, 27

Position: class I recession wot 14, 13, 24, 26,

Surface texture: stippling present.

Contours: scalloped with loss of knife edge.

Bleeding on probing = present >

Exudate - -

Abscess: -

Halitosis: -

OHI-S

16	11	26
1	0	1
1	0	1
46	41	36

16	11	26
1	0	1
1	0	1
46	41	36

The oral hygiene status of the patient is good

$$\frac{4}{6} + \frac{4}{6} = 0.6 + 0.6 = 1.2$$

Dr. Jayaraj

J.P. Nagar 1 phase,
Bangalore - 560 078.

	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Decay																
Missing																
Restored																
Mobile																
Any other																

66

	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
Decay																
Missing																
Restored																
Mobile																
Any other																

Hand tissue examination

- No. of teeth present - 32
- Missing - -
- Filled - 46, 26
- Decay - 16, 36, 47
- Food lodgement - 16
- Plunger cusps - -
- Hypersensitivity - -
- Tender on percussion - -

D. P. M. R. V.

Principal
D.A.P.M.R.V. Dental College
J.P. Nagar I Phase,
Bangalore - 560 078.

Wasting disease

- Attrition - Absent
- Abrasion - Absent
- Erosion - Absent

Occlusion : Angle's Class D

Cross bite : -

Overjet : 1mm

Over bite : 1mm

Frenulus test : Absent

TFO : - Absent

Investigations

Diagnosis

chronic generalised ^{gingivitis} ~~periodontitis~~ with localised
periodontitis wot 14, 13, 24, 26, 12, 27

Prognosis

Individual tooth prognosis

Good - 14, 13, 24, 26, 12, 27

Overall tooth prognosis

Good -

Treatment plan

Preliminary phase :

Phase I :

Oral hygiene instructions

Scaling and root planing

Excavation of caries and temporary restoration

Antimicrobial therapy

Evaluation of response to Phase I

Phase II

Root coverage procedure wot 13, 14

Periodontal ^{flap} surgeries wot 26, 27

D. Jeyaraj

Principal
D.A.P.M.R.V. Dental College
J.P. Nagar I Phase,
Bangalore - 560 078.

	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Pocket																
Missing																
Restored																
Medicine																
Any other																

	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
Packet																
Missing																
Restored																
Medicine																
Any other																

Hand tissue examination

No. of teeth present - 32

Missing - -

Filled - 26, 26

Decay - 16, 36, 47

Food lodgement - 16

Plunger cusps - -

Hypersensitivity - -

Tender on percussion - -

Wasting disease

Attrition - Absent

Abrasion - Absent

Erosion - Absent

D. Jayaram
Principal
D.A.P.M.R.V. Dental College
J.P. Nagar I Phase,
Bangalore - 560 078.

Phase III

Permanent restorations with 16, 36, 47

Phase IV

Periodic rechecking of the periodontal status every

D. P. M. R. V.

D.A.P.M.R.V. L.
J.P. Nagar I Phase,
Bangalore - 560 078.