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BDS (4th YEAR) EXAMINATION, AUGUST 2013 PROSTHODONTICS AND CROWN & BRIDGE

Time : 3 Hours]

[Max. Marks : 70

Note: The question paper is divided into two Sections A & B. Attempt all questions as per instructions. Draw diagram wherever necessary.

SECTION-A

1. Define Balanced Occlusion. Describe in detail all the determinants of achieving balanced occlusion. [8]
2. Problem based short questions: [6x2=12]
 - (a) A sixty five years old heart patient comes to you for the fabrication of his complete denture. How will you proceed for the treatment?
 - (b) After curing, you observe severe porosity in the lingual flange of the acrylic resin based completed denture. Give the reasons of porosity and their management.
3. Write short note on Surveyor. [5]
4. Multiple Choice Questions (in separate sheet) [10]

SECTION-B

5. Discuss mechanical principles of tooth preparation for a full cast crown. [8]
6. Problem based short questions: [6x2=12]
 - (a) A 20 year old boy with missing right maxillary lateral incisors approaches for some fixed prosthesis. What are your treatment options and why?
 - (b) Design a Cast Partial Denture for Kennedy Class II Mod.1, partially edentulous mouth.
7. Write short notes on: [5x3=15]
 - (a) Margin designs in FPD
 - (b) Pier Abutment
 - (c) Gingival Retraction

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SECTION-A

4. Multiple Choice questions :

[1×10=10]

(Write the correct option in the box)

(i) Emergency Retention Force is:

- (a) Atmospheric Pressure
- (b) Surface Tension
- (c) Cohesion
- (d) Adhesion

(ii) Postdam area serves mainly to:

- (a) Prevents ingress of food and saliva beneath Denture base.
- (b) Prevents lifting away of denture during incising.
- (c) Stabilize the Denture
- (d) All of the above

(iii) Modiolus at the corner of mouth is formed by all of the following muscles except:

- (a) Triangularis
- (b) Buccinators
- (c) Masseter
- (d) Orbicularis Oris

(iv) Relining is done to:

- (a) Correct base tissue relationship
- (b) Correct Occlusion
- (c) Provide retention
- (d) following denture failure due to porosity

(v) Of the three dimensions of color, the one which describes the dominant color of the object is:

- (a) Hue
- (b) Value
- (c) Chroma
- (d) Wavelength

(vi) The ideal crown preparation has a degree of convergence from gingival finish line towards occlusal is:

(a) $2^{\circ} - 4^{\circ}$

(b) $3^{\circ} - 5^{\circ}$

(c) $4^{\circ} - 9^{\circ}$

(d) $8^{\circ} - 11^{\circ}$

(vii) The resin bonded bridges have the advantages of:

(a) Minimum tooth preparation

(b) Alignment Correction

(c) Longevity

(d) Long span bridges

(viii) The primary areas of support for the lower C.D. are:

(a) Crest of the ridge

(b) Buccal shelf region

(c) Lingual slopes of the residual ridge

(d) Both B & C

(ix) Most important part of R.P.D. is:

(a) Base

(b) Connector

(c) Reciprocal Arm

(d) Replaced Tools

(x) How much labial reduction is needed for a porcelain fused to metal restoration:

(a) 0.5 - 1 mm

(b) 1 - 1.5 mm

(c) 1.5 - 2 mm

(d) 1.75 - 2 mm

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