

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – Nov 2021

Time: Three Hours

Max. Marks: 70 Marks

### PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

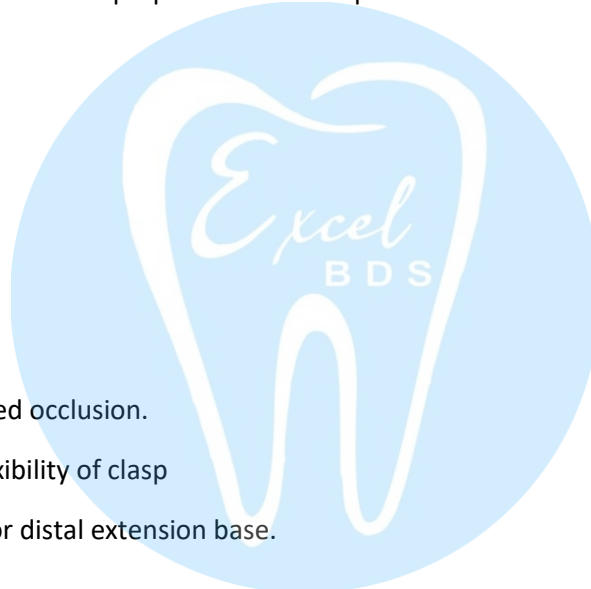
#### LONG ESSAY

2X10 = 20 Marks

1. Classify Jaw relation . Define centric relation ,mention different methods of recording and significance of centric relation.Describe briefly any one method.
2. Write in detail principles of tooth preparation in fixed partial denture.

#### SHORT ESSAYS

3. Combination syndrome.
4. Rest and rest seats
5. Posterior teeth in CD
6. Connectors in FPD
7. Factors affecting balanced occlusion.
8. Factors affecting the flexibility of clasp
9. Impression procedure for distal extension base.
10. Die and die materials



#### SHORT ANSWERS

11. Denture base materials
12. Retromolar pad
13. Neutral zone
14. Sanitary pontic
15. Obturator

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – March 2021

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define and classify Articulator. Explain the ideal requirements of Articulators and mention the additional requirements.
2. Define surveyor and mention the types of surveyors. Explain in detail the surveying procedure.

#### **Short essay**

3. Mouth preparation in removable partial denture.
4. Denture stomatitis
5. Impression technique in complete denture prosthesis
6. Gingival retention cords.
7. Role of indirect retention in removable partial dentures.
8. Explain the types of retainers in fixed partial dentures.
9. Compare effects of increased v/s decreased vertical dimension.
10. Posterior palatal seal in complete denture

#### **Short answers**

11. Massetric notch.
12. Bone quality and quantity.
13. Types of maxillofacial prosthesis
14. Role of atmospheric pressure in complete denture.
15. Denture curing cycles.

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – OCT 2020

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Classify jaw relation and define relation. Explain the methods to record horizontal jaw relation.
2. Define pontic. Mention the types of pontics with its advantages and disadvantages.

#### **SHORT ESSAY**

3. Requirements of clasps and explain the parts of clasps.
4. Denture sore mouth
5. Impression technique in distal extension removable partial denture.
6. Define balanced occlusion and add a note on its factors.
7. Swing lock mandibular denture.
8. Mandibular stress bearing areas
9. Mention the types of posts. Add a note on advantages and disadvantages.
10. Explain the steps of porcelain jacket crown preparation.

#### **SHORT ANSWERS**

11. Ante's law
12. Lateral throat form
13. Alveolingual sulcus.
14. Osseointegration
15. Obturators.

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE 2019

Time: Three Hours

Max. Marks: 70 Marks

### PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY

#### Q.P. CODE: 1193 (RS3 SCHEME)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAY

2X10 = 20 Marks

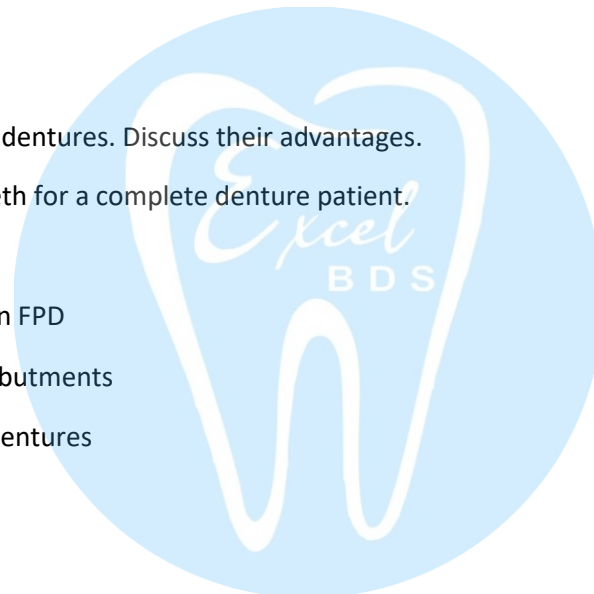
1. Define and classify Articulators. Describe a semi adjustable Articulator.
2. Describe the maxillary major connector. Add a note on the requirements of major connector.

#### SHORT ESSAY

3. Define and classify over dentures. Discuss their advantages.
4. Selection of anterior teeth for a complete denture patient.
5. Indirect retainer
6. Impression techniques in FPD
7. Management of tilted Abutments
8. Retention in complete dentures
9. Circumferential clasp
10. Gingival retention

#### SHORT ANSWERS

11. Stress breakers
12. Significance of retromolar pad
13. Silverman's closest speaking space
15. Maryland bridge



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DEC 2019

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

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#### **LONG ESSAY**

**2X10 = 20 Marks**

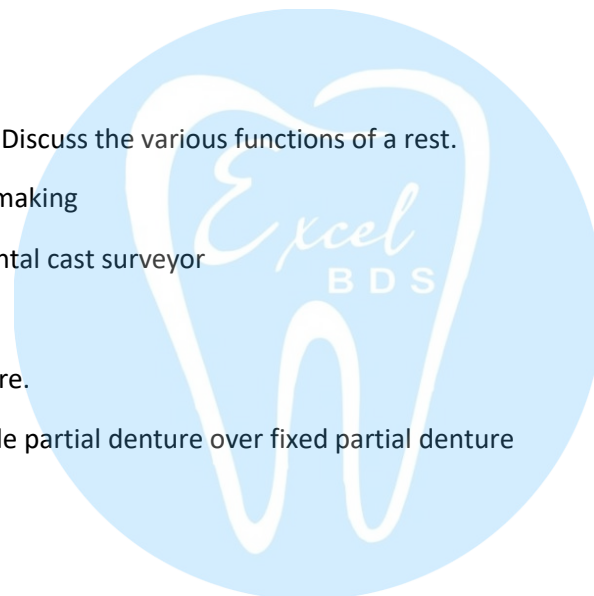
1. Define balanced occlusion. Discuss the factors affecting balanced occlusion
2. Define and classify pontics. Describe the various types of pontics

#### **SHORT ESSAY**

3. Define and classify rest .Discuss the various functions of a rest.
4. Theories of impression making
5. Discuss the uses of a dental cast surveyor
6. Connectors in FPD
7. Rationale for overdenture.
8. Advantages of removable partial denture over fixed partial denture
9. Partial veneer crowns
10. Linguoplate

#### **SHORT ANSWERS**

11. Witch's chin
12. Denture stomatitis
13. Indications for chamfer.
14. Roach clasp
15. Advantages of resin cements



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JULY 2018

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

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Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

1. What do you understand by vertical dimension? Describe in detail about various techniques of recording vertical dimension for a completely edentulous patient.
2. What are special impression procedures in RPD ? Explain altered cast technique in detail .

#### **SHORT ESSAY**

3. Denture stomatitis
4. Simple circllet clasp
5. Indirect retainers
6. Lamina dura
7. Ante's law
8. Retraction cord
9. Role of saliva in prosthodontics
10. Factors affecting retention in CPD



#### **SHORT ANSWERS**

11. Indications of FPD
12. Applegate's rules for Kennedy's classification
13. Infra bulge areas
14. Fovea palatino
15. Define posterior palatal seal area

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DEC 2018

Time: Three Hours

Max. Marks: 70 Marks

### PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY

#### Q.P. CODE: 1193 (RS3 SCHEME)

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#### LONG ESSAY

2X10 = 20 Marks

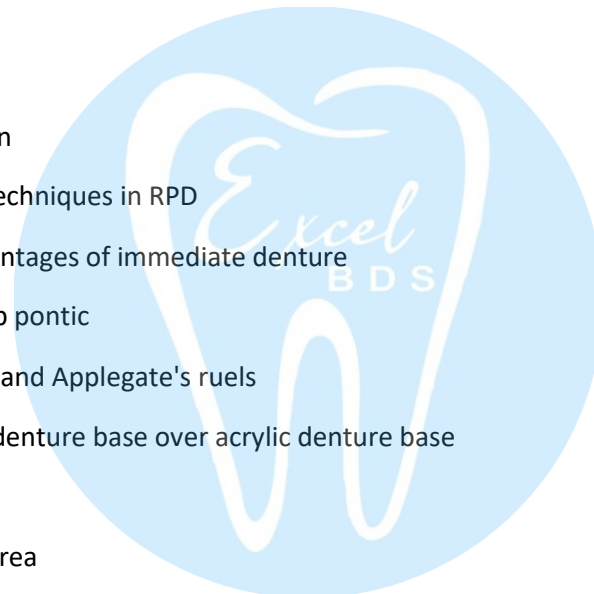
1. Define and classify fixed partial dentures. Write in detail about resin bonded fixed partial dentures.
2. Define and classify jaw relation. Discuss the various techniques of recording horizontal jaw relation.

#### SHORT ESSAY

3. Residual ridge resorption
4. Functional impression techniques in RPD
5. Advantages and disadvantages of immediate denture
6. Ovate pontic vs ridge lap pontic
7. Kennedy's classification and Applegate's rules
8. Advantages of metallic denture base over acrylic denture base
9. All ceramic crowns
10. Posterior palatal seal area

#### SHORT ANSWERS

11. Neutral zone
12. Mention the forms of indirect retainer
13. Nonrigid connectors
14. Survey lines
15. Bennett movement and Bennett shift



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE 2017

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

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#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Enumerate and explain the biomechanical properties of tooth preparation .
2. Classify jaw relation

Write in detail about jaw relation.

#### **SHORT ESSAY**

3. Over denture
4. Periodontal consideration for selection of Abutment
5. Articulator advantages and disadvantages
6. Obturators
7. Compensatory curves
8. Immediate denture
10. Occlusal rest seat



#### **SHORT ANSWERS**

11. Under cut gauges
12. Gagging
13. Buccal frenum
14. Lip lines
15. Guiding planes



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DEC 2017

Time: Three Hours

Max. Marks: 70 Marks

### PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY

#### Q.P. CODE: 1193 (RS3 SCHEME)

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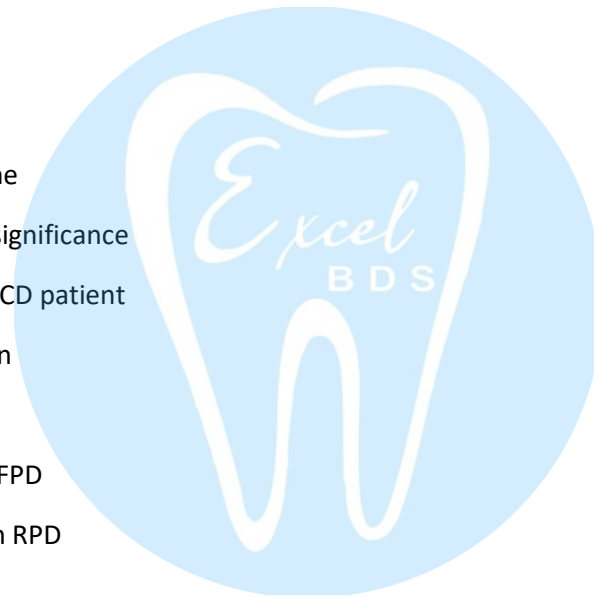
#### LONG ESSAY

2X10 = 20 Marks

1. What is surveying? How would you design a RPD for Kennedy class III partially edentulous mouth?
2. What are the post insertion instructions given to the patients who receive complete denture prosthesis? Explain.

#### SHORT ESSAY

3. Burning mouth syndrome
4. Centric relation and its significance
5. Nutrition required for a CD patient
6. Residual ridge resorption
7. Pontics
8. Abutment selection for FPD
9. Role of refractory cast in RPD
10. Gingival reflection



#### SHORT ANSWERS

11. Mylohyoid ridge
12. Marginal integrity in FPD
13. Functional cusp bevel
14. Parallel block out
15. Labial bar major connector

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination –JUNE 2016

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

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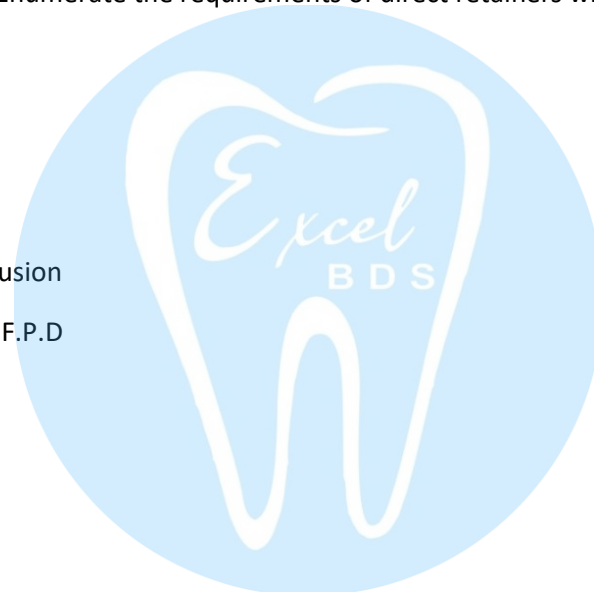
#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define centric relation. Classify jaw relation. Write in detail on any one technique of determining jaw relation.
2. Define direct retainers. Enumerate the requirements of direct retainers with a note on circumferential clasp.

#### **SHORT ESSAY**

3. Survey lines
4. Mutually protected occlusion
5. Abutment evaluation in F.P.D
6. Epulis fissuratum
7. Rests and rest seat
8. Osseointegrations
9. Tissue conditioner
10. Biologic width



#### **SHORT ANSWERS**

11. Objectives of complete denture impression
12. Applegate's rules
13. Connector in F.P.D
14. Pickling
15. Relining and Rebasing

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DEC 2016

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

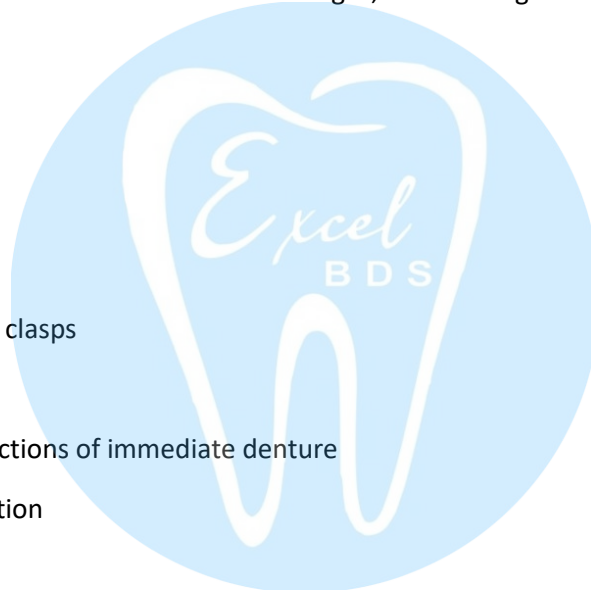
1. Define posterior palatal seal area. Discuss its significance and methods of a recording posterior palatal seal area.
2. Classify partially edentulous arches .Discuss advantages, disadvantages and rules governing Kennedy Applegate's classification.

#### **SHORT ESSAY**

3. Pontic designs
4. Classify obturators
5. Types of circumferential clasps
6. Dentogenic concept
7. Indications and contradictions of immediate denture
8. Factors for path of insertion
9. Luting agents
10. Alveolingual sulcus

#### **SHORT ANSWERS**

11. Parts of face bow
12. Define osseointegration
13. Indications of Relining and Rebasing
14. Types of finish line
15. Roach clasp



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JULY 2015

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

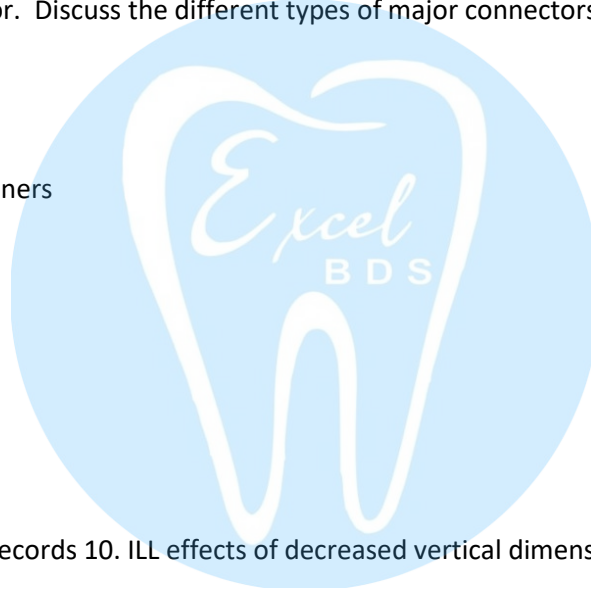
**2X10 = 20 Marks**

Long essay

1. Define balanced occlusion. Describe the methods to achieve the same for the patient.
2. Define a major connector. Discuss the different types of major connectors with the help of diagram.

#### **SHORT ESSAY**

3. Intra coronal direct retainers
4. Occlusal rest
5. Stress breakers
6. need for Rebasing
7. Die preparation
8. Gingival finish lines
9. Protrosive jaw relation records
10. ILL effects of decreased vertical dimension



#### **SHORT ANSWERS**

11. Closest speaking space
12. Atmospheric pressure in complete denture
13. Support for line
14. Survey lines
15. Ante's law

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DEC 2015

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

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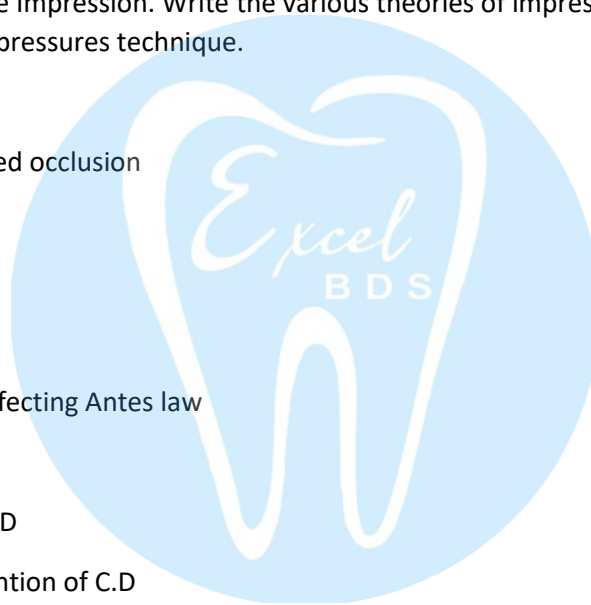
#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define major connector. Write in detail about the requirements of major connectors with a note on mandibular major connector.
2. Define complete denture Impression. Write the various theories of impression technique with a detailed note on selective pressures technique.

#### **SHORT ESSAY**

3. Factors affecting balanced occlusion
4. Altered cast technique
5. Obturators
6. Casting defects
7. Antes law and factors affecting Antes law
8. Occlusal splints
9. Provisionalisation in F.P.D
10. physical factors in retention of C.D



#### **SHORT ANSWERS**

11. Define facebow
12. Bonwill's theory of occlusion
13. Classification of F.P.D
14. Gingittage
15. Indications and contradictions of implants

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JAN 2014

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

Your answers should be specific to the questions asked

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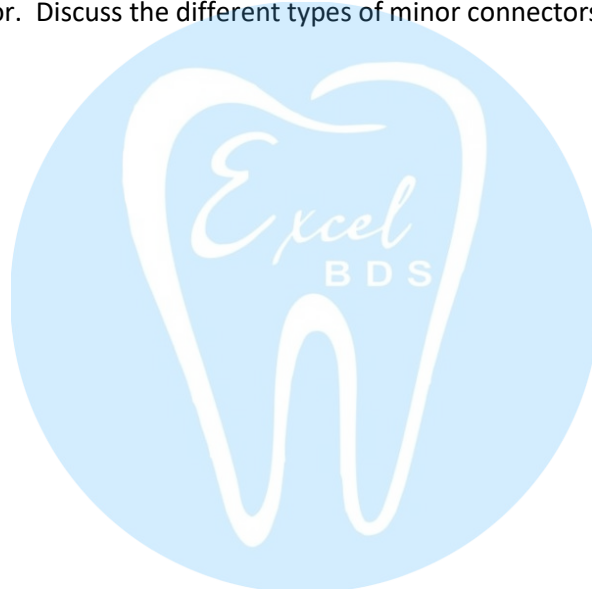
#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define centric relation. Enumerate the different methods to register centric relation.
2. Define a minor connector. Discuss the different types of minor connectors with the help of diagram.

#### **SHORT ESSAY**

3. Direct retainers
4. Occlusal rests
5. Stress breakers
6. Need for Rebasing
7. Temporary crown
8. Marginal integrity
9. Centric relation records
10. Ill effects of increased vertical dimension



#### **SHORT ANSWERS**

11. Repairs of complete denture
12. Pre -extraction guides in selection of teeth
13. Fluid waxes in RPD
14. Salivary controlling in FPD
15. Ante's law

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE 2014

Time: Three Hours

Max. Marks: 70 Marks

### PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY

#### Q.P. CODE: 1193 (RS3 SCHEME)

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#### LONG ESSAY

2X10 = 20 Marks

1. Define and classify provisional restoration. Write in detail the various methods of fabricating a custom provisional restoration.
2. Define retention and enumerate various factors affecting retention in complete denture.

#### SHORT ESSAY

3. Hanau's quint
4. Factors influencing path of insertion in removable partial denture
5. Classify articular in detail
6. Define a die and enumerate the different die system for fixed partial denture
7. Remount technique and selective grinding
8. Preparation design for all ceramic crown
9. Principles of clasp design
10. Special impression technique in removable denture fabrication

#### SHORT ANSWERS

11. Factors governing antero posterior position of teeth in dental arch
12. Christenson's phenomenon
13. Kennedy's bar
14. Indications and contradictions for fixed partial denture
15. Stress breaker in fixed partial denture .

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DEC 2014

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

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Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define retainers and discuss principle and design of clasp assembly.
2. Classify jaw relation and write in detail about horizontal jaw relation.

#### **SHORT ESSAY**

3. Immediate denture
4. Provisional restoration
5. Remounting of denture
6. Feeding appliance
7. Balanced occlusion
8. Gingivally approaching clasp
9. Implant failure
10. Survey lines



#### **SHORT ANSWERS**

11. Midline
12. Temporary denture bases
13. Retromolar pad
14. Metal ceramic bond
15. Stress bearing areas



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE 2013

Time: Three Hours

Max. Marks: 70 Marks

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

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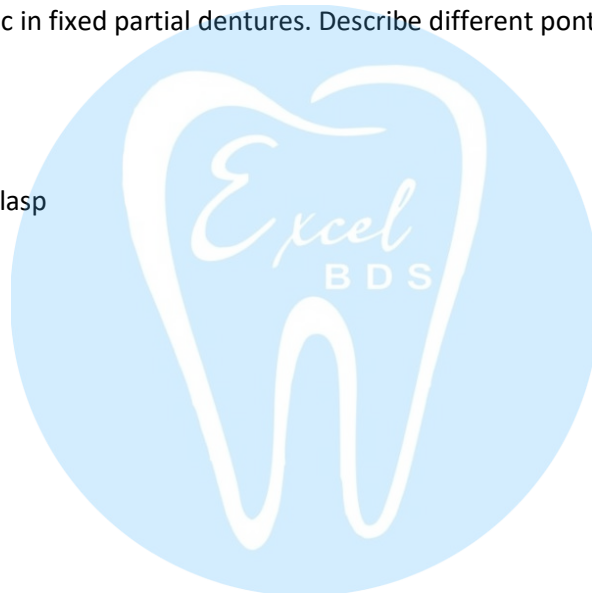
#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define 'retention' in complete denture. Discuss the various theories of impression making in complete denture.
2. Define and classify pontic in fixed partial dentures. Describe different pontic designs.

#### **SHORT ESSAY**

3. Gingivally approaching clasp
4. Facebow
5. Gingival retraction
6. Obturator
7. Occlusal rest
8. Massetric notch
9. Tissue conditioner
10. Provisional restoration in fixed partial denture



#### **SHORT ANSWERS**

11. Buccal shelf
12. Labial frenum
13. Analyzing rod
14. Linguoplate
15. Survey line

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – JUNE 2012

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

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Draw neat, labeled diagrams wherever necessary

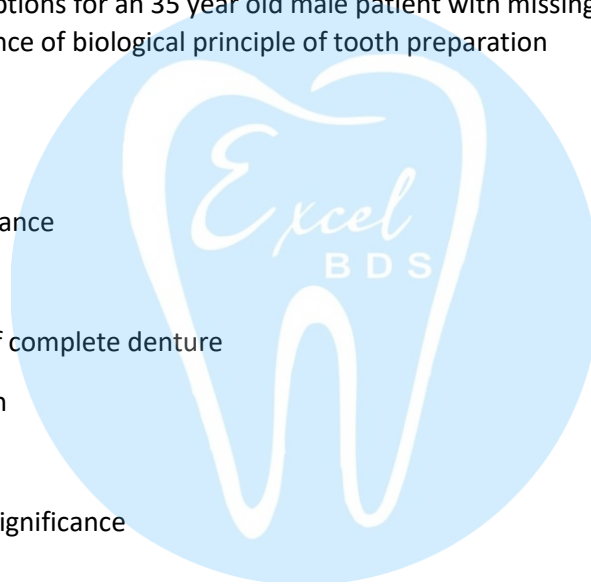
#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define an Articulator and classify, write a note on semi adjustable Articulator with example.
2. Explain the treatment options for an 35 year old male patient with missing maxillary right central incisor and also the relevance of biological principle of tooth preparation

#### **SHORT ESSAY**

3. Face bow and its significance
4. Gingival retraction
5. Relining and Rebasing of complete denture
6. Pontics and classification
7. Temporization
8. Centric relation and its significance
9. Indirect retainers
10. Precision attachment
11. Throat form
12. Obturators
13. Guiding planes
14. Maryland bridge
15. Metal free ceramic crown



# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination – DEC 2012

**Time: Three Hours**

**Max. Marks: 70 Marks**

### **PROSTHODONTICS, CROWN & BRIDGE INCLUDING IMPLANTOLOGY**

#### **Q.P. CODE: 1193 (RS3 SCHEME)**

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#### **LONG ESSAY**

**2X10 = 20 Marks**

1. Define and classify Articulator and write about the advantages and disadvantages.
2. Write about the biomechanical principles involved in tooth preparation.

#### **SHORT ESSAY**

3. Vertical jaw relations
4. Definition and significance of centric relation
5. Difference between immediate and conventional denture
6. Classification and indications of fixed partial denture
7. Implants Abutment
8. Occlusal rest preparation and functions
9. RPI system
10. Indirect retainers

#### **SHORT ANSWERS**

11. Christenson's phenomenon
12. Over denture
13. Guiding plane
14. Telescopic crowns
15. Pier Abutment





# Excel BDS

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Motivating students for Distinction and NEETMDS from BDS 1st, 2nd 3rd and 4th year Itself.

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