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Paper = Prosthodontic.

Q1= For what Purpose articulator is used and why?

Purpose of an Articulator:-

To hold the maxillary and mandibular casts in determined fixed relationship.

To simulate the jaw movements like opening and closing.

To produce border movements (extreme lateral and protrusive movements) and intrabordele movement) of the teeth similar to those in the mouth

Why articulator is used:-

To diagnose the state of occlusion in both the natural and artificial dentition.

To plan dental procedures based on the relationship between opposing natural and artificial teeth e.g evaluation of the possibility of balance occlusion.

- To ~~aid~~ aid in fabrication of restorations and Prosthodontic replacement.
- To correct and modify completed restoration.
- To arrange artificial teeth.

Q2 = Demonstrate why we perform Finish and Polishing Procedure?

It has been established that rough or uneven surfaces initiate microbial flora to flourish and also light reflected by these surface may not be even and uniform. Therefore a restored tooth should be evenly smooth and reflected light uniformly.

The process of making the surface smooth is known as Finishing and Polishing.

Procedure of finishing:

Carefully remove remaining stone around the neck of teeth with a small sharp knife.

To remove the flash of acrylic resin from the denture border. Press the denture base lightly against slowly revolving arbor band mounted on the dental lathe. Stone bur mounted in a straight hand piece to

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remove the flash. Take care not to change the form of the denture border but only remove the excess resin on the border of denture.

• Remove nodules of acrylic with small stone or acrylic carbide burr.

• The Posterior area of the Palate has been thinned to its proper thickness.

Procedure of Polishing.

Smoothing:-

Polish labial, buccal, lingual and Palatal external surface of the denture with wet pumice on rag wheel attached to dental lathe running at slow speed. Keep plenty of pumice on the denture surface and keep the denture moving at all times, press the denture lightly against the wheel.

Polish acrylic around the teeth with wet pumice and a brush wheel attached to dental lathe moving at slow speed. Be careful not to remove previously developed contours.

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- Polish the buccal, labial and Palatal surface of denture by using wet muslin buffing wheel attached to dental lathe.

B. Making the denture glossy:
Use Rouge (greasy material) this material is applied to dry muslin buffing wheel, this differ in that the Polishing Compound.

After the denture completely polished with rouge.

Final Polish is obtained by placing high shine material on the denture.

Store the polished denture in water until they have been delivered to the patient. Store the denture in water all the times otherwise they will undergo dimensional changes and shrinkage.

Q3 Who can use immediate denture?
Not everyone can get immediate dentures.

Most obviously people who have already had all their teeth extracted can't get immediate denture as their

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teeth are already gone.

- For the immediate denture procedure to work, the patient must have enough teeth left in their mouth to make.
 - A suitable impression of the teeth.
 - A suitable registration of their bite.
 - If they don't have enough teeth, or their teeth are in the wrong place to create a proper bite, or if their jaws have already changed shape due to loss of teeth, they won't be suitable for the procedure.
- (So long as you meet those criteria, you're a suitable candidate for immediate dentures.
- Since they can be used as temporary fixtures, immediate dentures are ideally suited for those looking for implant-supported dentures. They can sit over the gum after the implants have been placed and are healing over.)

Q4 (a) Types of Partial denture?

Types:

Cast Metal Removable Partial Denture.
The most common type of removable partial denture consists of high-quality replacement teeth on a rigid cast metal frame.

- Acrylic Removable Partial Denture (Flippers)
- Flexible Partial Denture.
- Fixed Bridge
- Implant - Supported Fixed Bridge.
- A removable partial denture or bridge usually consist of replacement teeth attached to a pink or gum-colored plastic base, which is sometimes connected by metal framework that holds the denture in place in the mouth, partial dentures are used when one or more natural teeth remain in the upper or lower jaw.

(b) what is difference b/w Survey and surveying?

Survey: The procedure of locating or delineating the contours and position of the abutment teeth and associated structure before

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designing a Partial denture.

Surveying:

An analysis and comparison of the prominence of intraoral contours associated with the fabrication of a Prosthesis.

Q5 = Enlist the role of major Connector?

Role of major Connector:

Be rigid.

Protect the associated soft tissue.

Protect means for obtaining indirect retention.

Provide a means of placement of denture base

Promote patient comfort

Self cleansing.