

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, UTTAR PRADESH

B.D.S. - IInd YEAR REGULAR EXAMINATION 2024 (Batch-2021)

Time: 3 Hours

Max Marks: 70 Marks

DENTAL MATERIALS

Paper Code: 2411105008

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- Please write the correct paper code.
- Be to the point. No extra copy shall be provided.

1 LONG ESSAY QUESTIONS

2 X 10 = 20 Marks

- Classify dental cements. Write in detail about resin modified glass ionomer cement.
- Define abrasion and polishing. Write a note on desirable characteristics of abrasive instrument designs.

2 WRITE NOTES ON

10 X 5 = 50 Marks

- Compression molding technique
- Strain hardening of wrought alloys
- Acid etching technique
- Dentin bonding agent
- Galvanic corrosion
- Direct filling gold
- Separating media
- All ceramic restorations
- Impression compound
- Stress and strain

