

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

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

2 WRITE NOTES ON

10 X 5 = 50 Marks

- a) Compression molding technique
- b) Strain hardening of wrought alloys
- c) Acid etching technique
- d) Dentin bonding agent
- e) Galvanic corrosion
- f) Direct filling gold
- g) Separating media
- h) All ceramic restorations
- i) Impression compound
- j) Stress and strain

