



SA-4808

Seat No. _____

First Year B.D.S. Examination

March / April – 2006

DENTAL MATERIALS

Time : **3** Hours]

[Total Marks : **100**

- Instructions :** (1) Use separate answer-book for each section.
(2) Draw diagrams wherever necessary.

SECTION - I

- 1** Discuss the criteria of an ideal restorative material. **16**
Describe the composition, properties, manipulation and uses of silver amalgam.
- 2** State the ideal requirements of Denture Base materials. **16**
To what extent acrylic resin fulfills it ?
- 3** Write short notes on : **18**
(a) Sprue and Sprue former
(b) Gold foil
(c) Tarnish and Corrosion

SECTION - II

- 4** Classify dental cements and discuss glass ionomer cements **16**
in detail.

SA-4808]

1

[Contd...

- 5** Classify impression materials. Describe alginate impression material in detail. **16**
- 6** Write short notes on : **18**
- (a) Hardness
 - (b) Stress and Strain
 - (c) Hygroscopic Setting Expansion
-

HowToExam.com