

# Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination – June 2013

Time: 3 Hrs.

[Max. Marks : 70]

## DENTAL MATERIALS

(RS-3)

QP Code: 1185

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.

### LONG ESSAY

2 X 10 = 20 Marks

1. Classify dental cements. Add a note on the composition, types, chemistry of setting reaction and uses of glass ionomer cements.
2. Classify denture base resins. Discuss their properties, manipulation, advantages and disadvantages

### SHORT ESSAY

8 X 5 = 40 Marks

3. Manipulation of agar impression material
4. Expansion in gypsum products
5. Abrasives and polishing agents
6. Write about materials used for dental implants
7. Phosphate bonded investments
8. Write briefly about cavity varnishes
9. Porosity in dental castings
10. Calcium hydroxide

### SHORT ANSWERS

5 X 2 = 10 Marks

11. Separating media
12. Delayed expansion
13. Sandwich technique
14. Gold foil
15. Galvanism

\* \* \* \* \*