

[LF 706]

AUGUST 2014

Sub. Code: 4173

**SECOND YEAR B.D.S. DEGREE EXAM  
PAPER III – DENTAL MATERIALS**

*Q.P Code: 544173*

**Time: 180 Minutes**

**Maximum: 70 marks**

**I. Elaborate on:**

**(2X10=20)**

1. Chromium cobalt alloys used in dentistry. Explain composition, uses, advantages and disadvantages.
2. Composite resins- Classification, Functions, uses and compare small particle composites and Hybrid composite.

**II. Write Notes on:**

**(10X5=50)**

1. Soldering
2. Tissue conditioners
3. Cermets
4. Flux and antflux
5. Ductility and malleability
6. Mechanical bonding
7. Die Materials
8. Micro leakage
9. Cavity liner
10. Toxicity

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