

DIPLOMA IN DENTAL ASSISTANCE**FIRST YEAR****PAPER IV – DENTAL MATERIALS***Q.P. Code: 841904***Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order****I. Elaborate on:**

	Pages	Time	Marks
	(Max.)	(Max.)	(Max.)

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| 1. Classify impression materials. | 7 | 20 min. | 10 |
| 2. Classify gypsum products and write a note on setting reaction and application in dentistry. | 7 | 20 min. | 10 |
| 3. Classification of ceramics and the uses in dentistry. | 7 | 20 min. | 10 |

II. Write Notes on:

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| 1. Indications for use for resilient liners. | 4 | 9 min. | 5 |
| 2. Advantages of plaster of Paris using as an impression material. | 4 | 9 min. | 5 |
| 3. Composition of impression compound. | 4 | 9 min. | 5 |
| 4. Desirable characteristics of an abrasive. | 4 | 9 min. | 5 |
| 5. Advantages and Disadvantages of Alginate impression material. | 4 | 9 min. | 5 |
| 6. Hazards encountered in finishing and polishing. | 4 | 9 min. | 5 |
| 7. Mention the esthetic materials used in anterior teeth for restoration and write about its advantages. | 4 | 9 min. | 5 |
| 8. What are gypsum products and write the applications in dentistry. | 4 | 9 min. | 5 |
| 9. What is dental amalgam, Mention the advantage of high copper amalgam. | 4 | 9 min. | 5 |
| 10. Uses of metallic oxide pastes. | 4 | 9 min. | 5 |

III. Short Answers on:

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| 1. Write short notes on Thermo plastic materials. | 1 | 3 min. | 2 |
| 2. What are requisites of impression pastes. | 1 | 3 min. | 2 |
| 3. What is irreversible hydro colloid (Alginate). | 1 | 3 min. | 2 |
| 4. What are the disinfection method of Rubber base impression materials. | 1 | 3 min. | 2 |
| 5. Candida Albicans infection. | 1 | 3 min. | 2 |
| 6. What is an impression. | 1 | 3 min. | 2 |
| 7. What is casting. | 1 | 3 min. | 2 |
| 8. What is dental amalgam. | 1 | 3 min. | 2 |
| 9. What is temporary filling. | 1 | 3 min. | 2 |
| 10. What are the types of dental cements? | 1 | 3 min. | 2 |