

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**

Time : 3 Hrs.

Pre. Ph.D. Examination June-2017

[Max. Marks: 100]

Pathology

Paper – II

Area of Specialization

Q.P Code: 2102

*Your answers should be specific to the questions asked.**Draw neat labelled diagrams wherever necessary.***LONG ESSAY****10 X 10 = 100 Marks**

1. Write briefly on Bethesda system of reporting of cervical cytology.
2. Differences between Thin prep and Sure path.
3. Classify Tumors of Cervix (WHO). Add a note on different types of cervical Biopsies.
4. Discuss in detail pathogenesis of cervical cancer.
5. Pre-neoplastic lesions of cervix.
6. Write briefly on P16 protein and its detection using immunohistochemistry.
7. Significance of FISH in Cervical cancer.
8. Write briefly on Liquid Biopsy in various cancers.
9. Biomarkers in cervical dysplasia and cervical carcinoma.
10. Discuss in detail on nested PCR in Carcinoma cervix.

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