



INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO
DEGREE OF BACHELOR OF UNANI MEDICINE AND SURGERY EXAMINATIONS
LEVEL III – SECOND SEMESTER EXAMINATION

JANUARY – FEBRUARY 2020
AS 3203 – PATHOLOGY – II

Institute of Indigenous Medicine
11 FEB 2020
University of Colombo

Date: 11.02.2020
Time: 2½ hours
1.45 p.m. – 4.15 p.m.

INDEX NO:

Answer all questions.

Part I - Structured Essay Questions

01.

A. What are the main bone cells? (02 Marks)

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B. Mention the functions of bone? (02 Marks)

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C. Matrix of bone is called "osteoid" what is it composed of mainly by? (02 Marks)

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D. What do you understand by "mineralized matrix"? (02 Marks)

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02.

A. Osteoporosis is one of the metabolic bone diseases; mention another two metabolic bone diseases (02 Marks)

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B. Explain the pathological features of osteoporosis (04 Marks)

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C. List out four causes for osteoporosis (02 Marks)

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03.

A. What is the pathological term used to denote "precancerous change" which is recognized by pap smear? (02 Marks)

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B. State 3 cytological changes seen in the above condition (02 Marks)

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C. Biopsy should be performed in suspected invasive cervical lesions to make a definitive histological diagnosis. Name the biopsy technique and explain the basis of that?

(02 Marks)

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04.

A. Name two areas in human body, which shows epithelial junctions (squamous-columnar)

(01 Mark)

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B. Explain the term "metaplasia"

(03 Marks)

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C. Briefly state the management of detected metaplasia in the uterine cervix region?

(02 Marks)

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05.

A. Mention 3 sexually transmitted bacterial infections and causative organism? (03 Marks)

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B. Considerable evidence suggests that carcinoma of cervix is caused by sexually transmitted carcinogenic agents; probably viral. What are the viruses? (02 Marks)

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C. Mortality of carcinoma of cervix can be reduced by routine cytological screening for early detection of premalignant epithelial dysplasia. What is the test? (01 Mark)

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06.

A. Pneumonia is acute infection of lung, state 3 morphological (lung portion involved) types of pneumonia? (02 Marks)

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B. What are stages can be observed macroscopically in air space pneumonia? (02 Marks)

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C. What is the genetic inheritance pattern of beta thalassemia? Explain the risk of that in a consanguineous marriage? (02 Marks)

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Part – II Essay Questions

1. Write an account on
 - A. Intracranial pressure (10 Marks)
 - B. Sub arachnoid haemorrhage (10 Marks)

2. Write short notes on
 - A. Gestational trophoblastic diseases (08 Marks)
 - B. Syphilis (06Marks)
 - C. Miliary TB (06Marks)

11.02.2020

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