

# Rajiv Gandhi University of Health Sciences

II Year B.N.Y.S Degree Examination – SEP-2019

Time: Three Hours

Max. Marks: 80 Marks

## Pathology (RS-3)

QP Code: 2532

(QP contains two pages)

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Section - A

### Multiple Choice Questions

10 X 1 = 10 Marks

- Which of the following is most characteristic of an acute inflammatory response?
  - Lymphocytes
  - Plasma cells
  - Macrophages
  - Neutrophils
- Females have...
  - No X Chromosomes
  - Two X Chromosomes
  - XY Chromosomes
  - Two Y Chromosomes
- Lipids such as cholesterol and triglycerides are transported in blood as
  - Solution
  - Lipoproteins
  - Proto-lipoids
  - Lipoproteins
- Numerical abnormalities of chromosomes include
  - Aneuploidy
  - Polyploidy
  - a and b
  - Lipoproteins
- Which of the epithelial of chromosomes include?
  - Aplasia
  - Metaplasia
  - Dysplasia
  - Anaplasia
- Fat necrosis is commonly seen in
  - Kidney
  - Pancreas
  - Liver
  - Heart
- Where does the tumor 'cystosarcoma phyllodes' arise?
  - Breast
  - Ovary
  - Uterus
  - Cervix
- Streptococcus is the causative organism of
  - Rheumatic fever
  - Glomerulonephritis
  - Only a
  - Both a and b
- 'Pink puffers' are commonly referred to
  - Bronchial asthma
  - Bronchiectasis
  - Chronic bronchitis
  - Emphysema
- Which of these is not associated with duodenal ulcer?

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- a) Food – pain pattern
- b) Night pain common
- c) No vomiting
- d) No loss of weight

### Section B

#### LONG ESSAYS (Answer any two)

**2 X 10 = 20 Marks**

- 11. Define Diabetes Mellitus. Discuss the classification, pathogenesis and complications of Diabetes Mellitus.
- 12. Define Oedema and describe the factors responsible for oedema. Add a note on cardiac pulmonary oedema.
- 13. Describe wound healing by primary union. Explain the local factors influencing healing.

#### SHORT ESSAYS (Answer any ten)

**10 X 5 = 50 Marks**

- 14. Fate of thrombus
- 15. Basal cell carcinoma
- 16. Klinefelter's syndrome
- 17. Pheochromocytoma
- 18. Role of free radicals in cell injury
- 19. Myasthenia gravis
- 20. Chemical carcinogenesis
- 21. Urolithiasis
- 22. Fate of acute inflammation
- 23. Differences between Crohn's and Ulcerative colitis
- 24. Ghon's complex
- 25. Seminoma

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