

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Allied Health Sciences Degree Examination - 27-Nov-2024

Time: Three Hours

Max. Marks: 100 Marks

PATHOLOGY

(**RS-3** – B.Sc Cardiac Care Technology, Perfusion Technology, Renal Dialysis Technology, Respiratory Care Technology, Neuro Sciences Technology, Anesthesia Technology, Operation Theatre Technology, Emergency and Trauma Care Technology)

(**RS-4** – B.Sc Medical Laboratory Technology, Medical Imaging Technology and Radiotherapy Technology) Anesthesia and Operation Theatre Technology

Q.P. CODE: 3264

(QP contains two pages)

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Describe physical and chemical examination of urine.
2. Write an essay on anticoagulants used in haematology.

OR

Describe the mechanism of wound healing by primary intention.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. CSF examination.
4. Sahli's method of haemoglobin estimation.
5. Explain one method of blood grouping.
6. Sputum examination.
7. Definition and types of necrosis.
8. Virchow's triad.
9. Types of pathological calcification.
10. Differences between benign and malignant neoplasms.

OR

Lab diagnosis of cancers.

11. Patterns of acute inflammation.
12. Types of emboli.

SHORT ANSWER (Question No 15 & 20 choice)

10 x 3 = 30 Marks

13. Name three preservatives used for urine.
14. Name any three body fluids.
15. Normal value of hemoglobin in adults.

OR

Define metaplasia give one example.

16. Name three factors that delay wound healing.
17. Name three types of edema.

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18. List any three blood transfusion reactions.
19. Define staging of cancers.
20. Define Granulomatous inflammation with one example.
OR
Name any three intracellular accumulations.
21. Give three examples of autoimmune diseases.
22. Name three modes of spread of neoplasms.
