

PAPER CODE: AHS13011

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA, WARANGAL – 506 002

B.Sc. (ALLIED HEALTH SCIENCES) SECOND YEAR DEGREE EXAMINATIONS: MAY, 2025

CARDIAC AND CARDIOVASCULAR TECHNOLOGY

PAPER-II

ELECTROCARDIOGRAPHY, EXERCISE TESTING & HOLTER ANALYSIS

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark

Color pencil.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Describe the basic principles of electrocardiography and its uses.
2. Describe the Exercise stress test – Indications and protocols.
3. How will you identify Ventricular Tachycardia?

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Discuss about LQTS.
5. How will you diagnose LVH?
6. ECG in Hyperkalaemia and Hypokalaemia.
7. ECG in pericarditis and myocarditis.
8. Calculation of rate and axis on electrocardiography.
9. ECG in Sinus bradycardia.

Write briefly on the following:

10 X 3 = 30

10. ECG in WPW syndrome.
11. ECG in Hypertension.
12. ECG in Pulmonary embolism.
13. ECG in Atrial fibrillation.
14. ECG in first-degree AV block.
15. ECG in LBBB.
16. ECG in RBBB.
17. ECG in Dextrocardia.
18. Amiodarone.
19. Adenosine.
