



Symbol of Secularism
& National Integration

**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

School of Pharmacy

Approved & Recognised by: All India Council for Technical Education and Council of Architecture, New Delhi
Directorate of Technical Education, Govt. of Maharashtra Affiliated to: University of Mumbai

**S. Y. B. Pharm. (Semester –III CBSCS)
Periodic Theory Examination (2013-2014)**

Subject: Anatomy physiology and pathophysiology III
Marks: 15 M

Date: - 06/09/13
Time: - 11.00 am-12.00 pm

- Note: 1.. Draw diagrams wherever required
2. Q 5 is compulsory

Questions	Marks
Q1. Define cardiac output? Explain factor affecting cardiac output? OR	3M
Q1. Explain the conduction system of heart with neat and labelled diagram?	
Q2. Distinguish between artery and veins? OR	2M
Q2. Give the neat and labelled diagram of the structure of the heart with its internal anatomy?	
Q.3 Discuss in detail the process of spermatogenesis with the hormonal control of the same.	5M
OR	
Q.3 Discuss in detail process of oogenesis and follicular development	5M
Q.4 Explain pathophysiology of Infertility	3M
OR	
Q.4a. Draw a neat labelled diagram of a section of testis showing the seminiferous tubule	2M
b. Diagram of sperm	1M
Q.5 Discuss the role of – (Any two)	2M
1. LH	
2. FSH	
3. Testosterone	