



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು  
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA, BANGALORE  
4<sup>th</sup> T Block, Jayanagar, Bengaluru - 560 041

RGU/AUTH/BPHARM/146/2017-18

10.05.2017

## NOTIFICATION

- Sub:** Revised ordinance relating to Bachelor of Pharmacy (B.Pharm) Degree course (Semester System)
- Ref:** (1) PCI Notification ref.No.14 136 2016 PCI,14 154/2015 PCI (S:095 55431) dated 21.12.2016  
(2) Proceedings of meeting of BOS in Pharmacy (UG) held on 03.12.2016  
(3) Proceedings of meeting of Faculty of Pharmacy held on 05.12.2016  
(4) Proceedings of meeting of Academic Council held on 22.12.2016  
(5) Approval of Syndicate in its 125<sup>th</sup> meeting held on 06.01.2017.

In exercise of the powers conferred under section 35 of RGUHS Act, 1994, Syndicate is pleased to notify the revised ordinance relating to Bachelor of Pharmacy (B.Pharm) Degree course (Semester System) as shown in annexure appended herewith.

This revised ordinance shall come into force from the academic year 2017-18 and onwards. However, for the students taking admission directly to 2<sup>nd</sup> year of B.Pharm Degree course through lateral entry, the said ordinance shall come into force from the academic year 2018-19 and onwards.

By Order

  
REGISTRAR

To

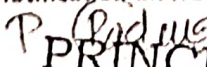
1. All the Principals of Pharmacy Colleges affiliated to RGUHS
2. The Registrar (Evaluation), RGUHS
3. The Director, Dept. of Curriculum Development, RGUHS

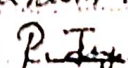
Copy to:

1. The Secretary to Governor, Governor's Secretariat, Raj Bhavan, Bangalore-560 001.
2. The Secretary to Government, Health & Family Welfare Department (Medical Education), Vikasa Soudha, Bangalore-560 001.
3. The PA to Vice-Chancellor/Registrar/Registrar(Evaluation), RGUHS, Bangalore
4. The System Analyst, RGUHS to host the notification on RGUHS website.
5. Guard File/Office Copy

  
PRINCIPAL

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

  
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24/05/2017  
012/2017-18  




ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು  
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA, BENGALURU  
4<sup>th</sup> T Block, Jayanagar, Bengaluru - 560 041

RGU/AUTH/MPHARM/147/2017-18

10.05.2017

## NOTIFICATION

**Sub:** Revised ordinance relating to Master of Pharmacy (M.Pharm) course (Semester System)

- Ref:** (1) PCI Notification ref.No.14-136-2016-PCI,14-154/2015-PCI (53095-55431) dated 21.12.2016  
(2) Proceedings of meeting of BOS in Pharmacy (PG) held on 05.12.2016  
(3) Proceedings of meeting of Faculty of Pharmacy held on 05.12.2016  
(4) Proceedings of meeting of Academic Council held on 22.12.2016  
(5) Approval of Syndicate in its 125<sup>th</sup> meeting held on 06.01.2017.

In exercise of the powers conferred under section 35 of RGUHS Act, 1994, Syndicate is pleased to notify the revised ordinance relating to Master of Pharmacy (M.Pharm) course (Semester System) as shown in annexure appended herewith.

The revised ordinance shall come into force from the academic year 2017-18 and onwards.

By Order

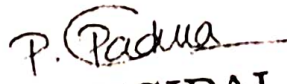
  
REGISTRAR

To

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2. The Registrar (Evaluation), RGUHS
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PRINCIPAL  
The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

# Rajiv Gandhi University of Health Sciences, Karnataka

## First Semester B. Pharm Degree Examination – 28-May-2024

Time: Three Hours

Max. Marks: 75

### HUMAN ANATOMY AND PHYSIOLOGY - I

#### Q.P. CODE: 5001

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary  
All the questions are compulsory

#### LONG ESSAYS

2 x 10 = 20 Marks

- Describe the various steps involved in erythropoiesis. Write the general factors influencing the process of erythropoiesis.

OR

Explain the origin and conduction of heart beat with the help of a neat labelled diagram.

- Draw a neat labelled diagram of ear. Explain the physiology of hearing.

#### SHORT ESSAYS

7 x 5 = 35 Marks

- Explain ABO system of blood grouping and its significance.

OR

Write the structure and functions of skin.

- What are joints? Classify joints with examples.

OR

Explain the mechanism of blood coagulation.

- Draw a neat labelled diagram of eye.
- Write the differences between sympathetic and parasympathetic nervous system.
- Write the structure and functions of spleen.
- Explain the structure of muscular tissues with examples.
- Write the composition of blood and mention their functions.

#### SHORT ANSWERS

10 x 2 = 20 Marks

- Write the functions of mitochondria.
- Define Polycythemia and Haemophilia.
- Define glaucoma and cataract.
- Define congestive heart failure and angina pectoris.
- What are rods and cones? Mention their role in vision.
- Write the normal value of RBC and WBC and their life span.
- Write the functions of skeletal system.
- What is erythroblastosis fetalis?
- List of the factors for the regulation of blood pressure.
- Name the bones of appendicular skeleton.

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