

PHY/ Acad/ 437/ 01.06.2022.

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UG Services

GVP INSTITUTE OF HEALTHCARE AND MEDICAL TECHNOLOGY
DEPARTMENT OF PHYSIOLOGY
THEORY - TEACHING SCHEDULE FOR JUNE 2022

Date	Time	Topic	Faculty
1-Jun-22	9.00 - 10.00 am	PY 5.5.1 Describe the Physiology of ECG, its application and cardiac axis Part 1	Prof Dr. M. Syamala devi
1-Jun-22	10.00 - 11.00 am	PY 9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	Mr. S. Jayabalakrishnan
2-Jun-22	10.00 - 11.00 am	PY 5.5.2 Describe the Physiology of ECG, its application and cardiac axis Part 2	Prof Dr. M. Syamala devi
3-Jun-22	9.00 - 10.00 am	PY 5.6 Describe abnormal ECG , arrythmias, heart block & myocardial infraction	Prof Dr. M. Syamala devi
3-Jun-22	10.00 - 11.00 am	PY9.5.1 Describe and discuss the physiological effects of male sex hormones	Mr. S. Jayabalakrishnan
3-Jun-22	2.45 - 3.30 pm	PY 9.9 Interpret a normal semen analysis report including sperm count + PY 9.10 Discuss the physiological basis of various pregnancy tests	Prof. Dr. A.V. Suresh Babu
4-Jun-22	9.00 - 11.00 am	CLASS TEST - 1	All faculty
7-Jun-22	4.00 - 5.00 pm	PY9.7 Describe and discuss the effects of removal of gonads on physiological functions	Prof. Dr. A.V. Suresh Babu
8-Jun-22	9.00 - 10.00 am	PY 9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	Mr. S. Jayabalakrishnan
8-Jun-22	10.00 - 11.00 am	PY 2.10.1 Define and classify different types of immunity	Dr. G. Himavathy

9-Jun-22	10.00 - 11.00 am	<i>PY 5.7</i> Describe and discuss hemodynamics of circulatory system - Part I	Prof. Dr. A.V. Suresh Babu
10-Jun-22	9.00 - 10.00 am	<i>PY 2.10.2</i> Describe the development of immunity and its regulation Part 1	Dr. G. Himavathy
10-Jun-22	10.00 - 11.00 am	<i>PY 5.7</i> Describe and discuss hemodynamics of circulatory system - Part 2	Prof. Dr. A.V. Suresh Babu
10-Jun-22	2.45 - 3.30 pm	<i>PY 2.10.2</i> Describe the development of immunity and its regulation Part 2	Dr. G. Himavathy
11-Jun-22	9.00 - 10.00 am	<i>PY 5.8</i> Describe and discuss local and systemic cardiovascular regulatory mechanisms - Part 1	Dr. G. Himavathy
11-Jun-22	10.00 - 11.00 am	<i>PY 9.12</i> Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility.	Prof. Dr. A.V. Suresh Babu
13-Jun-22	9.00 - 10.00 am	<i>PY 5.8</i> Describe and discuss local and systemic cardiovascular regulatory mechanisms - Part 1	Dr. G. Himavathy
13-Jun-22	10.00 - 11.00 am	<i>PY 5.9.1</i> Describe the factors affecting heart rate and its regulation	Mr. S. Jayabalakrishnan
14-Jun-22	4.00 - 5.00 pm	<i>PY 5.9.2</i> Describe the factors affecting cardiac output and its regulation	Mr. S. Jayabalakrishnan
15-Jun-22	9.00 - 10.00 am	Examination of pulse and JVP	Dr. G. Himavathy
15-Jun-22	10.00 - 11.00 am	<i>PY 5.16</i> . Record arterial pulse tracing using finger plethysmography in a volunteer or simulated environment	Dr. G. Himavathy
16-Jun-22	10.00 - 11.00 am	<i>PY 5.9.3</i> Describe the factors affecting blood pressure and its regulation - part 1	Prof Dr. M. Syamala devi
17-Jun-22	9.00 - 10.00 am	<i>PY 5.9.3</i> Describe the factors affecting blood pressure and its regulation - part 2	Prof Dr. M. Syamala devi

17-Jun-22	10.00 - 11.00 am	Examination of Blood pressure	Prof. Dr. A.V. Suresh Babu
17-Jun-22	2.45 - 3.30 pm	PY 5.10.1 Describe and discuss microcirculation and skin circulation	Mr. S. Jayabalakrishnan
18-Jun-22	9.00 - 10.00 am	PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	Prof. Dr. A.V. Suresh Babu
18-Jun-22	10.00 - 11.00 am	PY 5.10.2 Describe and discuss lymphatic and splanchnic circulation	Mr. S. Jayabalakrishnan
21-Jun-22	4.00 - 5.00 pm	PY 6.1 Describe the functional anatomy of Respiratory tract	Prof. Dr. A.V. Suresh Babu
22-Jun-22	9.00 - 10.00 am	PY 6.2.1 Describe the mechanics of normal respiration , pressure changes during inspiration	Dr. G. Himavathy
22-Jun-22	10.00 - 11.00 am	PY 5.10.3 Describe and discuss coronary circulation	Prof. Dr. A.V. Suresh Babu
23-Jun-22	10.00 - 11.00 am	PY 6.2.2 Describe alveolar surface tension, compliance and airway resistance	Dr. G. Himavathy
24-Jun-22	9.00 - 10.00 am	PY 5.11.1 Describe the pathophysiology of heart failure	Prof Dr. M. Syamala devi
24-Jun-22	10.00 - 11.00 am	PY 5.10.4 Describe and discuss cerebral circulation + PY 5.11.2 Describe the pathophysiology of syncope	Dr. G. Himavathy
24-Jun-22	2.45 - 3.30 pm	PY 5.10.5 Describe and discuss fetal circulation	Mr. S. Jayabalakrishnan

25-Jun-22	9.00 - 10.00 am	PY 6.2.3 Describe and discuss lung volume and capacities + PY 6.7 Describe and discuss lung function tests and their clinical significance + PY 6.10 Demonstrate the correct technique to perform and measurement of peak expiratory flow rate in a volunteer or simulated environment	Dr. G. Himavathy
25-Jun-22	10.00 - 11.00 am	PY 6.2.4 Describe and discuss diffusion capacity of gases	Mr. S. Jayabalakrishnan
28-Jun-22	4.00 - 5.00 pm	PY 6.2.5 Describe and discuss ventilation and V/P ratio	Mr. S. Jayabalakrishnan
29-Jun-22	9.00 - 10.00 am	PY 5.11.3 Describe the pathophysiology of shock - Part 1	Prof Dr. M. Syamala devi
29-Jun-22	10.00 - 11.00 am	PY 6.8 Demonstrate the correct technique to perform and interpret Spirometry	Mr. S. Jayabalakrishnan
30-Jun-22	9.00 - 10.00 am	PY 5.11.3 Describe the pathophysiology of shock - Part 2	Prof Dr. M. Syamala devi

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DEPARTMENT OF PHYSIOLOGY

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Department of Physiology
Gayathri Vidya parishad
Institute of Healthcare and Medical Technology
Visakhapatnam

GVP INSTITUTE OF HEALTHCARE AND MEDICAL TECHNOLOGY
DEPARTMENT OF PHYSIOLOGY
PRACTICALS - TEACHING SCHEDULE FOR JUNE 2022

Date	Batch	Time	Topic	Faculty
1-Jun-22	C	11.15 am - 1.15 pm	Differential leucocyte count	Prof. Dr. A.V. Suresh Babu & others
2-Jun-22	B	11.15 am - 1.15 pm	"	"
3-Jun-22	A	11.15 am - 1.15 pm	"	"
4-Jun-22	C	11.15 am - 1.15 pm	Revision of DLC	All faculty
6-Jun-22	B	11.15 am - 1.15 pm	"	"
7-Jun-22	A	11.15 am - 1.15 pm	"	"
8-Jun-22	C	11.15 am - 1.15 pm	PY 2.3 Describe the steps for reticulocyte and platelet count	Mr. S. Jayabalakrishnan & others
9-Jun-22	B	11.15 am - 1.15 pm	"	"
10-Jun-22	A	11.15 am - 1.15 pm	"	"
11-Jun-22	C	11.15 am - 1.15 pm	PY 2.12 ESR, PCV, osmotic fragility and RBC indices	Dr. G. Himavathy & others
13-Jun-22	B	11.15 am - 1.15 pm	"	"
14-Jun-22	A	11.15 am - 1.15 pm	"	"
15-Jun-22	C	11.15 am - 1.15 pm	Examination of pulse and JVP + PY 5.16 . Record arterial pulse tracing using finger plethysmography in a volunteer or simulated environment	Dr. G. Himavathy & others
16-Jun-22	B	11.15 am - 1.15 pm	"	"
17-Jun-22	A	11.15 am - 1.15 pm	"	"

18-Jun-22	C	11.15 am - 1.15 pm	Examination of blood pressure " " "	Prof. Dr. A.V. Suresh Babu & others " "
20-Jun-22	B	11.15 am - 1.15 pm		
21-Jun-22	A	11.15 am - 1.15 pm		
22-Jun-22	C	11.15 am - 1.15 pm	PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment " "	Prof. Dr. A.V. Suresh Babu & others " "
23-Jun-22	B	11.15 am - 1.15 pm		
24-Jun-22	A	11.15 am - 1.15 pm		
25-Jun-22	C	11.15 am - 1.15 pm	Revision of Pulse and BP " "	All faculty " "
27-Jun-22	B	11.15 am - 1.15 pm		
28-Jun-22	A	11.15 am - 1.15 pm		
29-Jun-22	C	11.15 am - 1.15 pm	PY 6.8 Demonstrate the correct technique to perform and interpret Spirometry + PY 6.10 Demonstrate the correct technique to perform and measurement of peak expiratory flow rate in a volunteer or simulated environment " "	Mr. S. Jayabalakrishnan & others " "
29-Jun-22	B	11.15 am - 1.15 pm		
30-Jun-22	A	11.15 am - 1.15 pm		

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