

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Renal Dialysis Technology Degree Examination – OCT-2019

Time: 3 Hours

Max. Marks: 40 Marks

Physiology

Q.P. Code: 1250

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 1249 and 1250 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Explain the role of Renin-angiotensin system in the regulation of BP.
2. Describe the role of loop of henle and vasa recta in the formation of urine.

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

3. Compare and contrast Juxtaglomerular and cortical Nephron
4. What is clearance? How are clearance test used to measure GFR?
5. Renal dialysis
6. Renal regulation of hydrogen ion

SHORT ANSWERS (Answer any Five)

5 x 3 = 15 Marks

7. Write any 10 names of clotting factors.
8. Name three hormones secreted by kidney. Mention their function.
9. Laplace's law
10. Innervations of urinary bladder
11. Reabsorption of sodium in DCT
12. Draw a neat labeled diagram of cystometrogram and explain it.



Charaka Samihita, PAPER – I (RS-3)

QP Code: 1270

Use the same theory Answer scripts for writing part A and Part B

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Part – A (Sutra Sthana)

(40 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Narrate in detail about Indriyopakramaneeyam.

SHORT ESSAY

3 X 5 = 15 Marks

2. Sharad Rutu charya.
3. Shata Karana Padartha.
4. Narrate in detail about Dharaneeya Vega.

SHORT ANSWERS

7 X 2 = 14 Marks

5. Mutra vega dharana Janya Vyadhii.
6. Langhana.
7. Trimarma.
8. Sneha atiyoga.
9. Prastara swedana.
10. Karshya Lakshana.
11. Sangraha dwaya.

Part – B (Nidana Sthana, Vimana Sthana & Indriya Sthana)

(60 Marks)

LONG ESSAY

1 X 11 = 11 Marks

12. Write in detail about ashta vidha ahara vidhi Vishehayatana and its importance.

SHORT ESSAY

7X 5 = 35 Marks

13. Varna Swareeyamindriyam.
14. Samprapti Bheda.
15. Shosha nidana.
16. Dasha vidha pareekshya vishaya.
17. Importance of pippali, lavana and kshara.
18. Kshudra kushta.
19. Apasmara Nidana.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Agantu Jwara.
21. Hetu.
22. Trividha gnanopaya.
23. Sapta Kushta dravya.
24. Trividha Kukshi.
25. Upashaya.
26. Srotas.

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Renal Dialysis Technology Degree Examination – OCT-2019

Time: Three Hours**Max. Marks: 80 Marks**

Pharmacology Related to Haemo and Peritoneal Dialysis – (RS)

Q.P. CODE: 1248

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

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. Classify antihypertensive drugs. Write in detail about Calcium Channel Blockers.
2. Classify anticoagulants? Write in detail about Heparin?
3. Define disinfectants? Write about formalin and its adverse effects?

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. Bicarbonates.
5. Potassium exchange resins.
6. Injectable Iron preparations.
7. Water Soluble Vitamins.
8. Antiseptics.
9. Plasma expanders.
10. Phenobarbitone.
11. Propronobal.

SHORT ANSWERS (Answer any Ten)**10 x 3 = 30 Marks**

12. Vitamin D analogues.
13. Potassium sparing diuretics.
14. 3 Complications of Haemodialysis.
15. Erythropoietin.
16. 3 Causes of fluid over load.
17. Drugs used in hypotension.
18. Use and adverse effects of Furosemide.
19. Protamine sulphate.
20. Name three thiazide diuretics. Write three adverse effects of thiazides.
21. Phosphate binders.
22. Name 3 ACE inhibitors.
23. Write 3 Adverse effects of Insulin.

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Allied Health Sciences) Degree Examination – SEP-2019

Time: 3 Hours

Max. Marks: 50 Marks

Microbiology
(Revised Scheme-2)
Q.P. Code: 1235

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 1234 and 1235 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Describe in detail various sterilization techniques Employed in Operation Theatres and ICUs.
2. Give an account of Microbiological Surveillance and sampling techniques in Operation Theaters and ICUs.
3. Write briefly about the communicable diseases to Health care workers in hospital set up and the preventive measures.

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

4. Vancomycin resistant Enterococci.
5. Respiratory syncytial virus.
6. Hepatitis B virus.
7. Antimicrobial susceptibility testing.
8. Salmonella infections.

SHORT ANSWERS (Answer any Five)

5 x 3 = 15 Marks

9. Haemophilus influenzae.
10. CSSD.
11. Ebola virus.
12. THREE Gaseous Disinfectants.
13. Acinetobacter.
14. List Air Sampling Techniques.
15. Define Nosocomial Infections with TWO examples.

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - OCT-2019

Time: Three Hours**Max. Marks: 100 Marks**

PHYSIOLOGY – PAPER I (RS2 & RS3) **Q.P. CODE: 1077**

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

LONG ESSAYS**2 x 10 = 20 Marks**

1. Describe oxygen transport in detail. Add a note on acclimatization.
2. Describe in detail how urine is concentrated in the kidney. Add a note on renal function tests.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Draw a schematic diagram to show the intrinsic pathway of blood clotting. Add a note on bleeding time.
4. Frank-Starling's law of heart
5. Anticoagulants and their mode of action
6. Digestion and absorption of Proteins
7. Chylomicron
8. Defecation reflex
9. Draw and explain a Spirogram
10. Refractory period in Heart muscle
11. What is the normal P-R interval? What is its significance?
12. Describe the functions of platelets.

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Phagocytosis
14. Autorhythmicity
15. Mismatched blood transfusion
16. Dead space
17. Tubuloglomerular feedback
18. Composition and functions of bile
19. All or none law in Heart
20. Apoptosis
21. Juxtaglomerular apparatus
22. Gastric phase of gastric juice secretion



Rasashastra and Bhaishajya Kalpana - Paper – II (RS-3)

QP Code: 1266

Use the same theory Answer scripts for writing part A and Part B

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

Part – A (50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Define the term Bhaishajya and explain the periodical development of Bhaishajya Kalpana from Vedic period to post Independence period.

SHORT ESSAY

5 X 5 = 25 Marks

2. Method and season of collection of different parts of plants and their storage
3. Ingredients, method of preparation and indications of Hingwashtaka churna
4. Explain Arka kalpana.
5. Explain Arjun ksheerapaka.
6. Explain Kharjuradi mantha.

SHORT ANSWERS

7 X 2 = 14 Marks

7. Definition of Satva and Masi kalpana
8. Materials required for Ksharasutra
9. Metric equivalents of Prastha and Pala
10. Indications and dose of Navayasa loha and Sitopaladi churna
11. Write in brief about Narikela Khanda.
12. Write ingredients of Yogaraja Guggulu.
13. Shelf life of Vati and Avaleha kalpana

Part – B (50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

- 14 Enumerate Bahyopayogi kalpanas and explain in detail Malahara kalpana with an example.

SHORT ESSAY

5 X 5 = 25 Marks

15. Explain Chandrodaya varti.
16. Explain procedure and importance of Sneha Murchana.
17. Siddhi lakshanas of Avaleha and Sneha kalpanas
18. Write in brief about Chandraprabha vati.
19. Write ingredients and uses of Dasanga Lepa.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Important ingredients of Arshoghna Dhoopa
21. Difference between Anjana and Aschotana
22. Avapeeda nasya
23. Types of Sneha paka
24. Characteristics features of spoiled Madya
25. Lekhana basti
26. Define Manda

Part – A (50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Classify Fracture. Explain signs and symptoms of Fracture, ideal union and principles of management.

SHORT ESSAY

5 X 5 = 25 Marks

2. Explain the clinical features of Apachi (Lymphadenopathy) and its management.
3. Write the clinical features of Kasherukasthi Kshaya (Pott's disease), differential diagnosis and management.
4. Explain the signs and symptoms of Akshakaasthi Bhagna and treatment.
5. Explain sthana vidradhi and its management.
6. Explain clinical features and investigations of Amashaya Arbuda (Ca. of Stomach).

SHORT ANSWERS

7 X 2 = 14 Marks

7. Padadari
8. Explain Siraja Vrana (Varicose Ulcer).
9. Types of Sandhimoksha
10. Kapatashayana
11. Prathana Shotha (Teno-Synovitis)
12. Parshukasthi Bhagna
13. Chippa

Part – B (50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Classify Bhagandara. Write lakshana and treatment of the same in detail.

SHORT ESSAY

5 X 5 = 25 Marks

15. Write the causes and management of Retention of Urine.
16. Clinical features of Niruddha Prakarsha (Phimosis) and treatment
17. Clinical features of Intestinal Obstruction and differential diagnosis
18. Write the causes, investigations and differential diagnosis of Dysphagia.
19. Explain the causes and clinical features of Splenic enlargement.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Define Hernia.
21. Parivartika (Para-Phimosis)
22. Goodsall's rule
23. Types of Chedana (Incision) in Vataja Bhagandara
24. TURP (Trans Urethral Resection of Prostate)
25. Nidana of Guda Bhramsha
26. Rovsing's sign



Use the same theory Answer scripts for writing part A and Part B

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

Part – A (50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Define Akshepaka, explain about Apatantraka and Apatanaka in detail.

SHORT ESSAY

5 X 5 = 25 Marks

2. Explain about Sound pollution hazards.
3. Explain about Sthoulya and its management.
4. Discuss role of Basti in Vatavyadhi.
5. Discuss Myxoedema.
6. Hypopituitarism.

SHORT ANSWERS

7 X 2 = 14 Marks

7. Shukragatavata.
8. Hormones of Placenta.
9. Scurvy.
10. Vatakantaka.
11. Allergy.
12. Kadara.
13. Anaha.

Part – B (50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Explain Manasabhava's and their role in disease manifestation.

SHORT ESSAY

5 X 5 = 25 Marks

15. Management of Burn.
16. Explain about Hyperpituitarism.
17. Explain about Mercury poisoning.
18. Explain about Hanugraha.
19. Management of Osteoporosis.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Intestinal obstruction.
21. Hyperpyrexia.
22. ACTH.
23. Renal colic.
24. Trench Foot.
25. Kalynaka ghrita.
26. Satvavajaya chikitsa.

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.A.M.S Degree Examination - 28-Oct-2019

Time: Three Hours

Max. Marks: 100 Marks

SANSKRIT- PAPER – II (RS-3)

Q.P. CODE: 1260

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 11 = 22 Marks

1. Write an essay on आयुर्वेदप्रयोजन as explained in आयुर्वेदहितोपदेश
2. Write an essay on चिकित्सामहात्म्य as explained in वैद्यकीय सुभाषितसाहित्यम्

SHORT ESSAYS

10 x 5 = 50 Marks

3. Explain स्नान
4. Explain भोजनविधि
5. Explain शौच
6. Explain निदाने माधवः श्रेष्ठः
7. Explain चिकित्सा नास्ति निष्फला
8. Write मन्थर कौलिक कथा with moral
9. Write रासभ श्रुगालकथा with moral
10. Write क्षपणक कथा with moral
11. Write मत्स्य मण्डूक कथा with moral
12. Write सिंहकारक मूर्खब्राह्मण कथा with moral

SHORT ANSWERS

7 x 2 = 14 Marks

13. घृतम्
14. प्राणः
15. त्रिविधा सुरा
16. विना अग्निना षट् प्रदहन्ति
17. गोरसम्
18. तक्रम्
19. मिताहारः

WRITE SHORT NOTES ON

7 x 2 = 14 Marks

20. अनुमानप्रमाणम्
21. प्रज्ञापराध
22. त्रिविधमौषधम्
23. आयुषो लक्षणम्
24. लघुत्रयी
25. षट् रसाश्रिता चिकित्सा
26. आदर्श राष्ट्र

Rajiv Gandhi University of Health Sciences, Karnataka

Final Year B.A.M.S Degree Examination - OCT-2019

Time: Three Hours

Max. Marks: 100 Marks

Shalya Tantra - Paper-I (RS3)

Q.P. CODE: 1274

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

(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (50 Marks)

LONG ESSAYS

1 x 11 = 11 Marks

1. Explain saptopakramas according to the stages of vrana in detail.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Explain primary and secondary healing processes of wound.
3. Dushta vrana lakshana
4. Explain seevana prakaras, indications and contra indications and seevana vidhi in detail.
5. What are the indications for Blood transfusion? Briefly explain the technique.
6. What are the complications of General Anaesthesia?

SHORT ANSWERS

7 x 2 = 14 Marks

7. Vranitagara
8. Dhanvantari
9. Vrana vastu.
10. Lekhya vyadhis
11. Chinna vrana
12. Define Shalya tantra.
13. Clinical signs and symptoms of Hypokalemia

Part – B (50 Marks)

LONG ESSAYS

1 x 11 = 11 Marks

14. What is Raktamokshana Karma? Explain Siravyadha in detail with an example.

SHORT ESSAYS

5 x 5 = 25 Marks

15. Explain the procedure of Pratisarana Kshara karma with an example.
16. Describe svastika yantras mentioned by Sushrutacharya.
17. Briefly explain the preparation of operating room as described by Acharya Sushruta.
18. What is Itaratha dagdha? Write the management of Plushta.
19. Which are the imaging techniques? Briefly mention their specific utilities.

SHORT ANSWERS

7 x 2 = 14 Marks

20. Shalaka yantra
21. Anushastra
22. Dahanopakaranas
23. Shalya gati.
24. Svastika bandha
25. Types of Suchis
26. Ayaskanta

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester Bachelors in Hospital Administration Degree Examination - OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

Medical Terminology

Q.P. CODE: 1302

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Explain the digestive system with a neat labeled diagram.
2. Draw a neat diagram of brain and explain the parts with functions.
3. What are the main excretory organs of our body? Explain the mechanism of urine formation.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Mechanism of respiration
5. What are the five basic word parts of medical terminology with example?
6. Function of skeletal system
7. Differentiate between pulmonary and systemic circulation.
8. Difference between smooth and cardiac muscles
9. Define the following:
(a) Systole (b) Organ (c) Orthopaedics (d) Blood pressure (e) Breathing
10. Components of Blood
11. Structure and functions of ovary
12. Functions of liver and gall bladder
13. Expand the following abbreviations:
(a) NPO (b) ICP (c) LFT (d) MRI (e) ERCP (f) CVA (g) TID (h) EEG (i) COPD (j) PTCA

SHORT ANSWERS (Answer any ten)

10 x 2 = 20 Marks

14. Difference between nephrology and urology
15. Write the meaning of following suffixes
(a) - algia (b) - otomy (c) - sepsis (d) - therapy
16. Write the meaning of following prefixes
(a) Intra (b) Pseudo (c) Tachy (d) Homo
17. Gestation
18. Meninges
19. Name any four arteries of our body.
20. Name any four bones of lower extremity.
21. Functions of tongue
22. Parts of conduction portion of respiratory system
23. Meaning of following combining form
(a) Opthal/o (b) Hemat/o (c) Radi/o (d) Cyt/o
24. Electroencephalogram
25. Difference between angiogram and angioplasty

Part – A (50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Discuss navajata shishu paricharya in detail with neonatal resuscitation procedures.

SHORT ESSAY

5 X 5 = 25 Marks

2. Methods of breast feeding and benefits of breast milk
3. Navajata shisu pareeksha vidhi
4. Procedures and benefits of Upaveshana and Karna vyadhana samskara
5. Factors influencing growth and development
6. Importance of Kreedabhumi and Kreedanaka in child development

SHORT ANSWERS

7 X 2 = 14 Marks

7. Contraindications of Lehana
8. Ingredients of samvardhana ghrita
9. Danta dosha
10. Developmental mile stones of 6 month baby
11. Importance of Dhupana
12. Kumaragara
13. Kaumarabhritya mahatwam

Part – B (50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Discuss kuposhana janya vyadhi and describe any two of them in detail.

SHORT ESSAY

5 X 5 = 25 Marks

15. Nidana, lakshana and chikitsa of ksheeralasaka
16. Asamyak Nabhi naadi kartana vyadhis and their management
17. Skhanda and Skhandaapasmara Grahavesha lakshanas
18. Nidana, lakshana and chikitsa of pandu in children
19. Shayyamutra

SHORT ANSWERS

7 X 2 = 14 Marks

20. Balasosha nidana and chikitsa
21. Management of hydrocephalus
22. Indications of phototherapy
23. Nidana of charmadala
24. Management of gudakutta
25. Nidana of vibhanda in children
26. Chikitsa of ulbaka roga

Rajiv Gandhi University of Health Sciences, Karnataka

III semester Bachelors in Hospital Administration Degree Examination – OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

MEDICAL RECORDS MANAGEMENT

Q.P. CODE: 1311

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Discuss the methods for filing of medical records in hospitals & its advantages.
2. What is a medical record? What is the role of medical records for Hospitals? Discuss the guiding principles for good record management.
3. What is Indexing? Explain the process, types & benefits of medical records indexing.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Write a note on out-patient medical records.
5. Discuss the latest trends in maintaining medical records.
6. Write a note on Diagnosis Related Groups (DRG).
7. Discuss the importance of medical records to physicians & health care organization.
8. Explain the various indicators used to assess hospital performance.
9. Write a note on Problem Oriented Medical Records (POMR).
10. Write a note on the registers maintained in a hospital for Patient care activities & nursing care activities.
11. How can you evaluate hospital services?
12. Principles of designing medical forms.
13. What is coding? Discuss the methods & process of medical records coding.

SHORT ANSWERS (Answer any ten)

10 x 2 = 20 Marks

14. Differentiate between bed capacity & bed compliment.
15. What is a document?
16. What is Daily ward census/medical census? How do you find the same?
17. When are medical records summoned to court?
18. Consent form.
19. Gross death rate & net death rate.
20. Dead bed space.
21. TPR chart & fluid balance chart.
22. What is medical audit? Enumerate its benefits.
23. Importance of medical records to Local inspection committee.
24. What is specimen? How are they documented?
25. Time limit for maintaining medical records in health care organization

Rajiv Gandhi University of Health Sciences, Karnataka

VI semester Bachelors in Hospital Administration Degree Examination – OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

Hospital Related Law

Q.P. CODE: 1324

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Discuss the term donor and recipient. Explain the salient features of Organ Transplantation Act.
2. Briefly explain the importance of Payment of Wages Act.
3. Role of Drugs and Cosmetics Act in Healthcare

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Short note on Standing Order Act
5. Importance of Pharmacy Act
6. Law of Torts
7. Discuss the Central Birth and Death Registration Act.
8. Write a note on Settlement of Disputes.
9. Poison Act 1919
10. How to record a dying declaration?
11. Benefits under Maturity Act
12. Explain the general principles of Workmen Compensation.
13. Short note on offer and acceptance

SHORT ANSWERS (Answer any ten)

10 x 2 = 20 Marks

14. What is medical negligence?
15. Define employee.
16. Define agreement.
17. What is dying declaration?
18. Define industrial dispute.
19. What is 'magic remedy'?
20. Consent for termination
21. When can Pre-natal diagnosis be done?
22. Burden of proof
23. Define adjudication.
24. What is disablement?
25. Objectives of Pharmacy Act

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester Bachelors in Hospital Administration Degree Examination - SEP-2019

Time: Three Hours

Max. Marks: 80 Marks

Principles of Management

Q.P. CODE: 1301

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Management is neither a science nor an art. Discuss.
2. "Performance of an individual depends on his ability backed by motivation". Discuss with the help of any two theories of motivation.
3. What is management? Discuss the importance and types of planning in managing an organization.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Social responsibility of management
5. Write a note on the importance and process for effective implementation of Management by Objectives (MBO).
6. What do you understand by the term authority? Discuss the benefits and barriers to effective delegation of authority.
7. Write a note on decision making.
8. Write a note on communication process.
9. Discuss the various styles of leadership.
10. Discuss the contributions of F.W.Taylor.
11. Write on the steps and methods of recruitment.
12. What is performance appraisal? Briefly explain about any two types of appraisal.
13. Write a note on the importance and steps in controlling.

SHORT ANSWERS (Answer any ten)

10 x 2 = 20 Marks

14. Features of bureaucratic management
15. What is Ethics?
16. Scalar Chain
17. Grapevine
18. Managerial skills
19. Meaning of the terms; "rate busters", "chisellers", "squealers" and "days of great depression" according to Hawthorne studies.
20. Gantt Chart
21. Matrix structure
22. Span of control
23. 360° performance appraisal
24. Types of Informal Groups
25. Types of committee

Shalaky Tantra - Paper – II (RS-3)**QP Code: 1277****Use the same theory scripts for writing part A & part B**

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

Part – A (50 Marks)**LONG ESSAY****1 X 11 = 11 Marks**

1. Describe Anatomy of Nose with Examination methods.

SHORT ESSAY**5 X 5 = 25 Marks**

2. Indralupta
3. Pootikarna and its treatment.
4. Peenasa and its treatment.
5. Write about Dhvani Pradushanajanaya karna rogas.
6. Tuning fork tests.

SHORT ANSWERS**7 X 2 = 14 Marks**

7. Valsalva Manoeuvre.
8. Bahya Karna rogas according to vaghbhata
9. Nasapaka chikitsa.
10. Ardhavabhedhaka lakshana.
11. Kshara tailam
12. Avapeedana nasya
13. Karnakandu

Part – B (50 Marks)**LONG ESSAY****1 X 11 = 11 Marks**

14. Enumerate mukharogas and explain Tundikeri in detail.

SHORT ESSAY**5 X 5 = 25 Marks**

15. Dantatoga pratishedha upayas
16. Galaganda and its management.
17. What is mukhapaka? Write about types, lakshana and chikitsa.
18. Krimidanta with its chikitsa.
19. Method of tooth extraction.

SHORT ANSWERS**7 X 2 = 14 Marks**

20. Oshta rogas according to shushruta.
21. Vocal cords.
22. Kavala
23. Upajihwika.
24. Taste buds.
25. Danta pupputa.
26. Kantharoga samanya chikitsa.

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Rajiv Gandhi University of Health Sciences, Karnataka

V semester Bachelors in Hospital Administration Degree Examination – OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

Human Resource Management

Q.P. CODE: 1318

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. "Recruitment is positive in approach". Substantiate your argument with reasoning.
2. Training is a highly useful tool that can bring an employee into a position where he can do his job correctly, effectively and conscientiously. Discuss.
3. What is Job evaluation? Discuss the process and methods of conducting job evaluation.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. What is fatigue? Discuss the causes and means of overcoming fatigueness.
5. Write a note on the grievance handling system in a hospital.
6. Why is health and safety importance in a hospital?
7. How did globalization in human resource management impact health care industry?
8. Meaning and importance of manpower planning
9. Discuss the methods of performance appraisal.
10. What is human resource management? What are the objectives and process of HRM?
11. Discuss the principles and techniques of wage fixation.
12. Write a note on the importance and meaning of placement.
13. Write a note on knowledge management.

SHORT ANSWERS (Answer any ten)

10 x 2 = 20 Marks

14. Impediments to effective performance appraisal
15. Basis of promotion
16. Reasons and types of transfer
17. Need for rightsizing
18. Lay off V/s retrenchment
19. Types of transfer
20. Purpose of promotion
21. Uses of test in selection
22. What is morale and why it is important?
23. Differentiate between job description and job specification
24. Types and limitations of employment interview
25. What is personnel audit?

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Perfusion Technology Degree Examination – OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

MEDICINE RELEVANT TO PERFUSION TECHNOLOGY (RS)

Q.P. CODE: 1244

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Myocardial infarction
2. Renal failure, complications and challenges during Central Blood Pressure (CBP)
3. Cardio pulmonary bypass for a paediatric patient

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Nitro glycerine
5. Body surface area
6. Emphysema
7. Hyperglycemia
8. Aortic regurgitation
9. Parkinson's disease
10. Hemorrhagic shock
11. Pregnancy and heart disease
12. Essential hypertension
13. Tetralogy of Fallot

SHORT ANSWERS (Answer any Ten)

10 x 2 = 20 Marks

14. Activated clotting time (ACT)
15. Surfactant
16. Transposition of great arteries
17. Obesity
18. Platelets
19. Epinephrine and its uses
20. Pericarditis
21. Short acting insulin
22. Name three anti hypertensive drugs.
23. Dopamine
24. Patent Ductus Arteriosus (PDA)
25. Atrial Septic Defect (ASD)

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Respiratory Care Technology Degree Examination – OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

MEDICINE RELEVANT TO RESPIRATORY CARE TECHNOLOGY (RS)

Q.P. CODE: 1240

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Pulmonary tuberculosis
2. Discuss management and causes of Gullian Barre syndrome.
3. Pulmonary edema – causes, pathophysiology and management

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. ECMO
5. Primary pulmonary hypertension management
6. Management of ARDS
7. Types of shock
8. Pulmonary complications of pneumoconiosis
9. Toxic inhalation
10. Positioning and drainage
11. Septic shock
12. Management of OP poisoning
13. Respiratory failure types and management

SHORT ANSWERS (Answer any Ten)

10 x 2 = 20 Marks

14. Status epileptics
15. Respiratory diseases in children and common symptoms
16. Acute lung injury
17. Myasthenia gravis
18. Near drowning
19. Bronchodilators in asthma
20. Pleuritis
21. Chronic bronchitis
22. Pneumoconiosis
23. Tropical eosinophilia
24. Pneumothorax
25. COPD



Shareera Rachana - Paper - II (RS-3)

QP Code: 1256

Use the same theory Answer scripts for writing part A and Part B

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Part – A

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Mention Koshta Angas and write about Yakrit (liver) in detail.

SHORT ESSAY

5 X 5 = 25 Marks

2. Amashaya (Stomach)
3. Hridayavarana kala (Pericardium)
4. Vasti (Bladder)
5. Nephron Structure.
6. Grasanika (Pharynx)

SHORT ANSWERS

7 X 2 = 14 Marks

7. Pituitary gland (Piyusha Grandhi)
8. Gavini (Ureter)
9. Kala Paribhasha.
10. Avabhasini Twacha.
11. Maha prachira pesi (Diaphragm)
12. Unduka (Caecum)
13. Duodenum (Grahani)

Part – B

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Describe Chakshurindriya (Eye) In detail.

SHORT ESSAY

5 X 5 = 25 Marks

15. Sadyopranahara Marma.
16. Trigeminal Nerve.
17. Mooladhara Chakra.
18. Gridhrasi Nadi.
19. Jnanendriyas.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Cerebro spinal fluid
21. Brachial Plexus
22. Folds of duramater
23. Rods and cones
24. Ida, Pingala.
25. Middle ear structures
26. Kshipra marma

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination – OCT-2019

Time: Three Hours**Max. Marks: 100 Marks**

ANATOMY – PAPER - II (RS2 & RS3)

Q.P. CODE: 1076

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

LONG ESSAYS**2 x 10 = 20 Marks**

1. Boundaries, contents and clinical aspects of Femoral Triangle
2. Describe the external and internal features, relations, development and congenital anomalies of urinary bladder. (4+2+4=10)

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Parts and blood supply of stomach
4. Microscopic structure of pancreas
5. Pelvic diaphragm
6. Prostate
7. Anterior relations of kidneys
8. Chromosomes
9. Adductor magnus
10. Development and congenital anomalies of uterus
11. Deep perineal pouch
12. Caecum

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Microscopic structure of vermiform Appendix
14. Blood supply of suprarenal glands
15. Coverings of testis
16. Turner's syndrome
17. Epiploic foramen
18. Contents of rectus sheath
19. Development of spleen
20. Inguinal lymph nodes
21. Lyon's hypothesis
22. Perineal muscles

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MBBS Phase - I Degree Examination – Oct-2019**Time: Three Hours****Max. Marks: 100 Marks****PHYSIOLOGY - PAPER II (RS2 & RS3)****QP Code: 1078**

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

LONG ESSAYS**2 x 10 = 20 Marks**

1. Describe the connections and functions of Basal Ganglia. Add a note on Parkinson's disease.
2. Describe the mechanisms of hormonal action. Add a note on Feedback regulation of hormone secretion.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Radio immunoassay
4. Scotopic vision
5. Milk ejection reflex
6. Blood-testis barrier
7. Wallerian degeneration
8. Second messenger
9. Difference between UMN and LMN lesions
10. Olfactory pathway
11. Papez circuit
12. Weber Fechner Law

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Waves of EEG
14. Circadian rhythm
15. Adaptation of sensory receptors
16. Stereognosis
17. Babinski's sign
18. Functions of sertoli cells
19. Sarcomere
20. Visual acuity
21. Motor unit
22. Attenuation reflex

Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

Hospital Operation Management

Q.P. CODE: 1305

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Discuss the various factors considered in surveying the need for a hospital in a community.
2. What is a committee? Discuss the role and functions of any four committees in hospital.
3. Write a note on the planning and design consideration for a surgical department.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. What are the guiding principles in planning a hospital
5. Role of a hospital administrator
6. Planning and design consideration for a medical records department in a hospital
7. Discuss the design consideration for providing laundry services in a hospital.
8. Write a note on planning and designing centralized medical gas system.
9. Discuss the role of housekeeping department in improving patient safety.
10. Design consideration for providing safer radiological services
11. Discuss the consideration for improving efficiency of work in an ICU.
12. Planning should follow function. Discuss the term with reference to CSSD.
13. Discuss the workflow and design consideration for admission department.

SHORT ANSWERS (Answer any ten)

10 x 2 = 20 Marks

14. Difference between bed capacity and bed complement
15. Classification of hospital equipment's.
16. Shop window of a hospital
17. Water and power consumption in a hospital
18. Objective of air-conditioning in the Mortuary and autopsy room
19. What is Gantt chart and enumerate any three uses of the same.
20. Differentiate between accounting unit and business unit
21. Site Cover Percentage and Floor Area Ratio meaning
22. Promotional tools used by hospital for marketing
23. What is the use of Laminar airflow and where are they used in a hospital?
24. Basis for estimating vehicle parking space for a hospital
25. Enumerate the functions of the governing board.

Padartha Vignana - Paper-II (RS3)

Q.P. CODE: 1253

Use the same theory Answer scripts for writing part A and Part B

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Part – A

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Define Anumana and discuss the clinical importance of Anumana Pramana.

SHORT ESSAY

5 X 5 = 25 Marks

2. Explain Pratyaksha Badhaka Bhavas.
3. Explain Apta Lakshana.
4. Define Vaakya in detail.
5. Explain Hetu and its types.
6. Describe importance of Yukti in Ayurveda.

SHORT ANSWERS

7 X 2 = 14 Marks

7. Pratyaksha Pramana.
8. Define Prameya.
9. Lakshana of Shabda.
10. Antahkarana.
11. Define Vyapti.
12. Enlist Sannikarsha.
13. Upamana Lakshana.

Part – B

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Types of Karana and Explain Satkaryavada.

SHORT ESSAY

5 X 5 = 25 Marks

15. Chaturvidha Pramanena Punarjanma Siddhi-Explain.
16. Enlist Tantraguna.
17. Narrate in detail about Peelupaka-Peetharapaka.
18. Srishti Utpatti Krama-Explain
19. Enlist Tantra Yukti.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Define Karya.
21. Sapta Kalpana.
22. Vivartha Vada.
23. Paramanu Vada.
24. Triguna Nirupana.
25. Sushrutotka Shad Karana.
26. Define Tantra yukti.
