# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 04-Mar-2025

Time: Three Hours | Max. Marks: 100 Marks

## PATHOLOGY AND MICROBIOLOGY (RS3)

QP Code: 1426

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

### LONG ESSAY — 2 X 10 = 20 Marks

1. Describe the sequence of events in healing by first intention.
2. Describe the pathogenesis and laboratory diagnosis of Vibrio cholera.

### SHORT ESSAY — 10 X 5 = 50 Marks

3. Describe the fate of thrombus.
4. Describe the three important modes of transmission of Hepatitis B virus.
5. Describe the changes occurring in pathogenesis of infarction.
6. Describe the types of flagellar arrangement.
7. Classify Bacteria based on shape and oxygen requirement.
8. Describe aetiopathogenesis of chronic bronchitis.
9. Describe the pathologic changes in chronic cholecystitis.
10. Describe non-immune blood transfusion reactions.
11. Explain the stages of erythrocytic schizogony of plasmodium malaria.
12. Differentiate the posterior features of male and female Ascaris lumbricoides

### SHORT ANSWERS — 10 X 3 = 30 Marks

13. Classify systemic Amyloidosis.
14. Define meningitis.
15. List the morphological forms of goitre.
16. List three causes of Eosinopenia.
17. List three causes of polyuria.
18. List the features of Cysticercus cellulosae.
19. Define Ancylostomiasis.
20. Define paragonimiasis.
21. List three specific tests for Human Immunodeficiency virus infection.
22. Define Bacteriophage.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 06-Mar-2025

[Time: 3 Hours] [Max. Marks : 100]

## FORENSIC MEDICINE AND TOXICOLOGY (RS-3)

QP Code: 1427

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

LONG ESSAY 2 X 10 = 20 Marks

1. Explain the medico legal importance of age.
2. Explain the signs and symptoms of chronic lead poisoning. Describe the post-mortem appearance chronic lead poisoning.

SHORT ESSAY 10 X 5 = 50 Marks

3. Explain the rules of consent.
4. Differentiate suicidal from homicidal wounds
5. List the medico legal importance of hair.
6. Explain grievous injury.
7. Explain the causes of importance and sterility in males.
8. Explain Mummification.
9. Describe the post mortem finding in case of smothering.
10. Differentiate drug addiction from drug habituation
11. Discuss the indication and contraindications of gastric lavage and emetics.
12. Explain the signs of recent delivery in dead.

SHORT ANSWERS 10 X 3 = 30 Marks

13. Explain rule of nine.
14. Define inquest.
15. Define Medullary index.
16. Define Asphyxia.
17. Define Dying declaration.
18. Define Frost bite.
19. Mention the signs, symptoms of Digitalis poisoning.
20. Define oxaluria.
21. Explain xantho proteic reaction.
22. Define Plumbism.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 11-Mar-2025

Time: Three Hours | Max. Marks: 100 Marks

## Materia Medica and Therapeutics (RS-3)

QP Code: 1428

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

### LONG ESSAYS — 2 x 10 = 20 Marks

1. Describe Hepar sulph under following. Mind, physical generals, respiratory system, skin and modalities.
2. Describe the drug picture of Ferrum met with reference to mentals, physical generals, vertigo and modalities.

### SHORT ESSAYS — 10 x 5 = 50 Marks

3. List the sources of Homoeopathic material Medica.
4. Describe a typical Cina child.
5. Enumerate the mental symptoms of Phosphorus.
6. Explain the female complaints of Amm Carb.
7. Describe the respiratory complaints of Spongia.
8. Describe the glandular affections of Conium.
9. List ten guiding features of Ignatia.
10. Describe the mental symptoms of Verat alb.
11. Describe the mental symptoms of Cantharis.
12. Describe the female symptoms of Platina

### SHORT ANSWERS — 10 x 3 = 30 Marks

13. List three characteristic symptoms of Aethusa.
14. Mention the physical appearance of Silicea.
15. Define Inimical remedy.
16. List three characteristic features of Ars iod.
17. List three characteristic features of Acetic acid.
18. Name three peculiar features of Ars. Alb.
19. Indicate Mag Phos in neuralgia
20. List three indication of Gelsemium in Paralysis.
21. List three indications of Agnus castus in sexual complaints.
22. Define homoeopathic Materia Medica.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 15-Mar-2025

[Time: 3 Hours] [Max. Marks : 100]

## Organon of Medicine, Principles of Homoeopathic Philosophy and Psychology (RS3)

QP Code: 1429

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

LONG ESSAY 2 X 10 = 20 Marks

1. Define second prescription. List and explain the types of second prescription.
2. Describe the qualities of simple substance.

SHORT ESSAY 10 X 5 = 50 Marks

3. Discuss exciting and fundamental causes with examples.
4. Explain modus operandi of homoeopathic cure.
5. Define acute disease. Classify acute diseases. Give examples.
6. Define idiosyncrasy. Explain its importance.
7. Discuss the different of employing.
   Or
   Write three possibilities when two dissimilar disease meet together
8. Explain happy go lucky operations.
9. Define health, disease and cure as per Stuart close.
10. Explain the curative observation of Dr. Kent.
11. Explain “medicines act unconditionally and diseases act conditionally”.
12. Explain the fundamental laws of Homoeopathy.

SHORT ANSWERS 10 X 3 = 30 Marks

13. Discuss pseudo chronic disease.
14. Define sick and sickness.
15. Define fixed miasm.
16. Define complex disease.
17. Explain influx.
18. Define case taking.
19. Define minimum dose.
20. List the disadvantages of proving on sick.
21. Define accessory symptom.
22. Define causa Occasionalis. Give examples.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 06-Mar-2025

Time: Three Hours | Max. Marks: 100 Marks

## PATHOLOGY AND MICROBIOLOGY PAPER - II (RS4/RS5)

QP Code: 1457

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

### LONG ESSAY — 2 X 10 = 20 Marks

1. Describe the lesions of primary and secondary pulmonary tuberculosis.
2. Define Sterilization. Explain the physical methods of Sterilization.

### SHORT ESSAY — 10 X 5 = 50 Marks

3. List functions of Fimbriae and Flagella.
4. Explain the respiratory lesions of Streptococcus pyogens.
5. Explain the significance of plasmids in bacteria.
6. Describe the features of fertilized eggs of Ascaris lumbricoides.
7. Describe the features of cyst of Entamoeba histolytica.
8. Enumerate five differentiating features between primary and secondary immune response.
9. Explain streak method of culturing bacteria with examples.
10. Explain mechanism of natural active immunity.
11. Explain mechanism of type I hypersensitivity reaction.
12. Describe the pathogenesis of Measles virus.

### SHORT ANSWERS — 10 X 3 = 30 Marks

13. List three morphological features of Yeast.
14. List three morphological differences between Taenia saginata and Taenia solium.
15. Define Bilharziasis.
16. Explain morphology of Leishmania donovani bodies.
17. Explain morphology of female worm of Enterobius vermicularis.
18. Classify DNA viruses.
19. Explain super carries of Hepatitis B virus infection.
20. Define capsid.
21. Define bacteriophage.
22. List three complications of Rubella.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 11-Mar-2025

Time: Three Hours | Max. Marks: 100 Marks

## FORENSIC MEDICINE AND TOXICOLOGY (RS4 & RS5)

QP Code: 1458

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

LONG ESSAY — 2 X 10 = 20 Marks

1. Explain postmortem changes of drowning.
2. Explain the signs and symptoms and postmortem findings of Carbon mono oxide poisoning.

SHORT ESSAY — 10 X 5 = 50 Marks

3. Explain types of documentary evidence.
4. Define still birth. Explain the procedure of hydrostatic test.
5. Explain causes of rupture of hymen.
6. Explain smothering with its medico legal importance.
7. Differentiate between exit and entry wounds in a firearm injury.
8. Explain nuclear sexing.
9. State the provision under Drug and Cosmetic Act.
10. Explain signs and symptoms of Organophosphorus poisoning.
11. Classify poisons according to the mode action with example.
12. Differentiate drug addiction from drug dependence.

SHORT ANSWERS — 10 X 3 = 30 Marks

13. Define Bestiality.
14. Define Medical Jurisprudence.
15. Define viability.
16. Define hostile witness.
17. Explain the importance of diatoms in relation to drowning
18. Explain tandem bullet.
19. Explain complication of tattoo.
20. Define quad hoc.
21. Enlist the contraindication of gastric lavage.
22. Explain Carboluria.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 15-Mar-2025

Time: Three Hours | Max. Marks: 100 Marks

## ORGANON OF MEDICINE WITH HOMOEOPATHIC PHILOSOPHY (RS4/RS5)

QP Code: 1459

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

LONG ESSAY — 2 X 10 = 20 Marks

1. Define logic. List its types and explain with examples the inductive logic
2. Define acute and chronic disease. Describe Hahnemann's psora theory.

SHORT ESSAY — 10 X 5 = 50 Marks

3. Describe How Hahnemann came across the Law of similia.
4. State and explain the Doctrine of drug dynamisation
5. Define emotions. Explain the characteristics and types of emotions
6. Define sensation, absolute threshold & difference threshold.
7. Differentiate Allopathy and Homoeopathy
8. Discuss Hahnemann's consideration on sycosis and syphilis.
9. List the qualities of simple substance
10. Explain the process- 'metastasis' of Psora.
11. State the mathematical law of least action
12. How to evolve a genus epidemicus.

SHORT ANSWERS — 10 X 3 = 30 Marks

13. List the contributions of J.T.Kent.
14. Explain the ground plan of theoretical part of Organon 5th edition.
15. Define fear & anxiety.
16. Define artificial morbific agent.
17. Define artificial chronic disease.
18. Define rational medicine.
19. Define accessory symptoms.
20. Define secondary counter action.
21. Explain the Auxiliary symptoms.
22. Define day book.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 18-Mar-2025

Time: Three Hours | Max. Marks: 100 Marks

## MATERIA MEDICA (RS4/RS5)

QP Code: 1460

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

### LONG ESSAY — 2 X 10 = 20 Marks

1. Define Materia medica and Homoeopathic Materia Medica. Add a note on Clinical proving in Homoeopathy.
2. Explain Pulsatilla under causations, sphere of action, mentals and female symptoms.

### SHORT ESSAY — 10 X 5 = 50 Marks

3. Explain the importance of primary and secondary symptoms in construction of Homoeopathic Materia Medica.
4. Explain the different ways of studying Materia medica.
5. Enlist any five limitations of homoeopathic Materia medica.
6. Describe drug recording in Homoeopathic Materia medica.
7. Describe the advantages of toxicological proving.
8. Describe the injury symptoms of Nat Sulp.
9. Explain guiding symptoms of Thuja occ.
10. Describe the stools Silicea and Bryonia.
11. Compare between calc sulp and heparsulp in suppuration.
12. Explain in Nasal complaints and neuralgia of Allium cepa.

### SHORT ANSWERS — 10 X 3 = 30 Marks

13. Describe the Theory of Biochemic medicines.
14. Explain the advantages of Comparative Materia medica.
15. Enlist the limitations of Empirical source.
16. Recall the components of Complete symptom.
17. Define doctrine of signature
18. Recall the indications of Bellis per in Injuries.
19. State the indications of Aethusacynapium in Epilepsy.
20. State the Indications of Cina in Child ailments.
21. Recall the joint and modalities of Colchicum.
22. Enumerate the gastric complaints of Ipecac.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 20-Aug-2025

Time: Three Hours | Max. Marks: 100 Marks

## FORENSIC MEDICINE AND TOXICOLOGY (RS4 & RS5)

QP Code: 1458

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

### LONG ESSAY — 2 X 10 = 20 Marks

1. Differentiate hanging from strangulation.
2. Explain the signs and symptoms of chronic Arsenic poisoning. Describe the post mortem finding in case of chronic Arsenic poisoning.

### SHORT ESSAY — 10 X 5 = 50 Marks

3. Explain Exhumation.
4. Explain the duties of medical practitioner in criminal abortion.
5. Explain probable signs of pregnancy.
6. Define chronic starvation and explain the features of chronic starvation.
7. Explain medico legal importance of abrasion.
8. Explain medico legal importance of Dactylography.
9. State the provisions under Human Organ Transplantation Act 1994.
10. Explain action of snake venom.
11. Explain universal antidote.
12. Explain signs and symptoms of chronic Mercury poisoning.

### SHORT ANSWERS — 10 X 3 = 30 Marks

13. Define date Rape
14. Explain types of hallucination.
15. Define infanticide.
16. Define Cognisable affence
17. Define Smothering.
18. Define Chop wound.
19. Explain Rule of Hasse.
20. Define superfoetation.
21. Define punctuate basophilia.
22. Define Run amok.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination –28-Aug-2025

[Time: 3 Hours] [Max. Marks: 100]

## ORGANON OF MEDICINE WITH HOMOEOPATHIC PHILOSOPHY (RS4/RS5)

QP Code: 1459

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

LONG ESSAY 2 X 10 = 20 Marks

1. Define psychology. List the different schools of psychology. Explain basic features of behaviouristic and psychoanalytic school of psychology.
2. Describe primary and secondary actions with examples.

SHORT ESSAY 10 X 5 = 50 Marks

3. List 10 Contributions of Dr. Hahnemann.
4. Describe deductive method of Logic.
5. Define sensation. Describe Weber's law.
6. Define logic. Discuss utility of logic in Homoeopathy.
7. Explain Brousseau's method of treatment.
8. Define chronic diseases. Explain true natural chronic disease.
9. Justify the statement "cause of the disease is from center to circumference".
10. Define suppression. Explain ways of suppression according to Robert.
11. Define causation. Explain the law of causation.
12. Define lesser accessary symptoms. Explain importance of lesser accessary symptoms.

SHORT ANSWERS 10 X 3 = 30 Marks

13. Define comprehensive principles.
14. State Law of Minimum.
15. Define inductive leap.
16. Define complex diseases. Give two examples.
17. Define pseudo - chronic diseases.
18. Describe acute miasms.
19. List the prerequisite qualities of physician for case taking.
20. Define indolent patients. Define hypochondriac patients.
21. Define keynote prescribing.
22. Explain numerical totality.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 30-Aug-2025

Time: Three Hours | Max. Marks: 100 Marks

## PATHOLOGY AND MICROBIOLOGY PAPER - I (RS4/RS5)

QP Code: 1456

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

### LONG ESSAY — 2 X 10 = 20 Marks

1. Define giant cells. Describe the various types of giant cells with an example for each.
2. Define hypertension. Outline the clinical and etiological classification of Hypertension. Describe renal hypertension

### SHORT ESSAY — 10 X 5 = 50 Marks

3. Describe etiopathogenesis of Dystrophic calcification.
4. Define Hyperplasia. Describe the morphological changes in Hyperplasia.
5. Describe the pathogenesis of oedema in Nephrotic syndrome.
6. Describe aetiopathogenesis of Hypovolemic Shock
7. Explain the importance of Exfoliative cytology in diagnosis of cancer with two examples
8. Describe the pathogenesis of Pyogenic osteomyelitis.
9. Explain the blood picture in Iron deficiency anaemia.
10. Explain predisposing factors in development of Bacterial Endocarditis.
11. Define Emphysema. Describe each type of Emphysema.
12. Describe the pathological changes in Gastric ulcer.

### SHORT ANSWERS — 10 X 3 = 30 Marks

13. Define Embolus. Classify embolus based on source
14. Define Pigments. List the types of Pigments
15. Define hyperbiliribinaemia. State the normal level of serum bilirubin
16. List three examples of systemic venous congestion.
17. List types of systemic Amyloidosis.
18. Define Cholecystitis. List the types of cholecystitis
19. Define pancreatitis. List three causes of pancreatitis.
20. List three causes of Lymphoedema.
21. List three examples of Genetic dermatoses.
22. List three features of pellagra.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 02-Sep-2025

Time: Three Hours | Max. Marks: 100 Marks

## PATHOLOGY AND MICROBIOLOGY PAPER - II (RS4/RS5)

QP Code: 1457

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

### LONG ESSAY — 2 X 10 = 20 Marks

1. Describe the Pathological lesions caused by Streptococcus Pyogenes.
2. Define Sterilization. Classify agents used in Sterilization. Explain the utility of thyndalization & aldehydes in sterilization.

### SHORT ESSAY — 10 X 5 = 50 Marks

3. Define bacterial spore. Classify the types of bacterial spore.
4. Describe the pathogenesis of Primary Tuberculosis.
5. Describe the pathogenesis of Neisseria meningitidis.
6. Explain the life cycle of Wuchereria bancrofti in man.
7. Explain the human cycle of Plasmodium Vivax.
8. Explain the features of Artificial Active Immunity.
9. Describe the appearance of Malarial Parasites in thick Blood Film.
10. Describe the Features of Primary and Secondary Immune response.
11. Describe the complications of Incompatible blood Transfusions.
12. Describe the pathogenesis & clinical features of Influenza.

### SHORT ANSWERS — 10 X 3 = 30 Marks

13. List the classification of Basidiomycetes with examples.
14. Illustrate the structure of Hydatid Cyst.
15. List three features of eggs of Paragonimiasis.
16. List three features of promastigote form of Lieshmania donovani.
17. Enlist three morphological features of Trichiuris trichiura.
18. Explain lyophilization.
19. List three mode of transmission of Hepatitis B virus infection.
20. State the difference between a virus and a virion
21. Explain the pathogenesis of Human Papilloma Virus.
22. Enlist any two laboratory diagnosis of Dengue fever.

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