Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – OCT-2019

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

Materia Medica (RS-4)

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. Classify Homoeopathic Materia medica. Describe the scope and limitations of Homoeopathic materia medica.
2. Mention the sphere of action, ailments, mentals, guiding symptoms and modalities of sulphur.

SHORT ESSAY **10 X 5 = 50 Marks**

3. Define a general symptom with an example.
4. Describe basic concept of Homoeopathic materia medica.
5. List the advantages and disadvantages of doctrine of signature.
6. Describe proving on healthy animals.
7. Explain evolution of symptoms in construction of Homoeopathic materia medica.
8. Describe the rheumatism of Colchicum.
9. Describe the cholera of Aethusa.
10. Describe the mental symptoms of Lycopodium
11. Describe the respiratory symptoms of Nat Sulp.
12. Explain ten characteristic symptoms of Arnica.

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

13. List the advantages of human proving.
14. Mention two examples for comparative materia medica.
15. Define materia medica.
16. Mention two examples for combined materia medica.
17. List three disadvantages of toxicological source.
18. List the injuries of Ruta.
19. Indications of complementary remedy with an example.
20. List six modalities of Ledum pal
21. Mention the debity of Kali phos
22. Mention the history of Biochemic system of medicine

* * * * *

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – FEB 2019

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

Materia Medica (RS-4)

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. Explain the construction of Homoeopathic Materia medica.
2. Mention the sphere of action, ailments, mentals, guiding symptoms and modalities of Thuja.

SHORT ESSAY **10 X 5 = 50 Marks**

3. Define symptom. List the sources of symptoms.
4. Describe clinical source.
5. List different types of Homoeopathic Materia medica.
6. Describe accidental source with an example.
7. List the different sources of materia medica.
8. Describe the gastric affections of Colchicum.
9. List ten characteristic symptoms of Lycopodium.
10. Explain the eye symptoms of Euphrasia
11. Mention the respiratory symptoms of Spongia
12. Describe the mental symptoms of Nat mur.

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

13. Define Homoeopathic materia medica.
14. List three limitations of Homoeopathic materia medica.
15. List three advantages of animal proving.
16. Mention two examples for clinical materia medica.
17. Define follow well remedy.
18. List the three differences between biochemic and homoeopathic system of medicine.
19. Indicate Aethusa in epilepsy.
20. Explain the basis of scientificness of Homoeopathic materia medica.
21. Mention the discharges of Calc sulp
22. Mention the pains of Arnica

* * * * *

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – OCT-2019

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

Marks

Pathology and Microbiology – Paper-II (RS4)

QP Code: 1457

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

Section - A

LONG ESSAY **1 X 10 = 10 Marks**

1. Describe the pathogenesis of secondary tuberculosis.

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

2. List the types of culture media with examples.
3. Explain the significance of Streptolysin O produced by Streptococcus pyogenes.
4. Describe the clinical manifestations of tertiary stage of syphilis.
5. Describe the morphology of adult worm of Ancylostoma duodenale.
6. Describe the human cycle of Plasmodium falciparum.

SHORT ANSWERS **5 X 3 = 15 Marks**

7. List the morphological features of yeast.
8. Describe scolex of Taenia saginata.
9. List three features of eggs of Schistoma haematobium.
10. List three morphological features of cyst of Giardia intestinalis.
11. Explain three features of Enterobius vermicularis.

Section – B

LONG ESSAY **1 X 10 = 10 Marks**

12. Define infection. Explain any two methods of transmission of infection.

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

13. Enumerate differences between live and killed vaccines.
14. Explain stab method of culture of bacteria with examples.
15. Explain the principle of Gram staining.
16. Describe pathogenesis of Rh-D incompatibility in new born.
17. Describe the pathogenesis of Rabies virus.

SHORT ANSWERS **5 X 3 = 15 Marks**

18. Classify DNA viruses with examples.
19. List the occupations which carry high risk of Hepatitis B virus infection.
20. Define capsid of virus.
21. Describe typical Herpes lesion.
22. List clinical features of Chikungunya virus.

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – SEP-2019

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

Marks

Pathology and Microbiology – Paper-I (RS4)

QP Code: 1456

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

Section - A

LONG ESSAY **1 X 10 = 10 Marks**

1. Describe the five mechanisms of increased vascular permeability in acute inflammation.

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

2. Describe the pathogenesis of reversible cell injury.
3. Explain the pathological types of atrophy.
4. Define oedema. List the types of oedema with an example.
5. Classify shock based on aetiology.
6. Enumerate five differences in microscopic features of benign and malignant tumours.

SHORT ANSWERS **5 X 3 = 15 Marks**

7. Define embolism.
8. List three causes of hyperlipidaemia.
9. Define jaundice.
10. Define active hyperaemia.
11. Define amyloidosis.

Section – B

LONG ESSAY **1 X 10 = 10 Marks**

12. Define renal failure. Classify the types of renal failure. Explain the pathogenesis of acute renal failure.

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

13. Explain the pathogenesis of acute osteomyelitis.
14. Outline the pathophysiological classification of anaemia.
15. Explain the causes of ischaemic heart disease.
16. Describe the morphological changes in emphysema.
17. Enumerate five differences between gastric ulcer and duodenal ulcer.

SHORT ANSWERS **5 X 3 = 15 Marks**

18. Classify viral hepatitis.
19. List the aetiology of otitis media.
20. Define atherosclerosis.
21. List three examples of metabolic diseases of skin.
22. Define protein energy malnutrition.

* * * * *

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – FEB-2019

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

Marks

Pathology and Microbiology – Paper-II (RS4)

QP Code: 1457

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

Section - A

LONG ESSAY **1 X 10 = 10 Marks**

1. Describe the pathogenesis of Clostridium perfringens.

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

2. Explain intracytoplasmic inclusions in bacteria.
3. Explain the toxins produced by Streptococcus pyogenes.
4. Describe the pathogenesis of Yersinia pestis.
5. Explain the pathogenic effects caused by adult worms of Ascaris lumbricoides.
6. Describe the features of intestinal lesions of Entamoeba histolytica.

SHORT ANSWERS **5 X 3 = 15 Marks**

7. List three examples of Dimorphic fungi.
8. Name the intermediate host of Taenia saginata and Taenia solium
9. List three morphological features of male adult worm of Schistoma mansoni.
10. Define Leishmaniasis.
11. Define Enterobiasis.

Section – B

LONG ESSAY **1 X 10 = 10 Marks**

12. Define sterilization. Explain the uses of iodine, chlorine and methyl alcohol in process of sterilization.

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

13. Explain indications of combined immunization.
14. Explain pour plate method of culture of bacteria with example.
15. Describe the role of normal bacterial flora in Genitourinary tract and Gastro intestinal tract.
16. Explain mechanism of type IV hypersensitivity reaction.
17. List and explain any one confirmatory test of HIV infection.

SHORT ANSWERS **5 X 3 = 15 Marks**

18. Classify viruses based on nucleic acid.
19. List three modes of transmission of hepatitis B virus.
20. List three shapes of viruses with an example.
21. Mention lesions caused by Herpes simplex type 1 and 2.

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – FEB-2019

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

Marks

Pathology and Microbiology – Paper-I (RS4)

QP Code: 1456

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

Section - A

LONG ESSAY **1 X 10 = 10 Marks**

1. Describe the general morphological features of thrombi.

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

2. Describe the pathogenesis of cell injury by ionizing radiation.
3. Explain with examples mesenchymal metaplasia.
4. Explain the pathogenesis of oedema caused by increased capillary permeability.
5. Explain the role of general factors and cardiovascular factors in determining severity of ischaemia.
6. Describe haematogenous route of metastasis with examples.

SHORT ANSWERS **5 X 3 = 15 Marks**

7. List any three effects of haemorrhage.
8. List three exogenous pigments.
9. List three causes of obstructive jaundice.
10. Define autoimmunity.
11. List three types of infarct.

Section – B

LONG ESSAY **1 X 10 = 10 Marks**

12. Define hypertension. Explain the aetiology and classification of hypertension.

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

13. Explain the pathogenesis of osteoarthritis.
14. Explain the clinical features of acute myeloid leukaemia.
15. Explain the pathogenesis of Aschoff nodule.
16. Describe the pathological changes in bronchial asthma.
17. Explain the pathogenesis of acute appendicitis.

SHORT ANSWERS **5 X 3 = 15 Marks**

18. Define cholecystitis.
19. List two differences between type I and type II diabetes mellitus.
20. Define meningitis.
21. Define cervicitis and list types of cervicitis.
22. List three features of vitamin B12 deficiency.

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – FEB 2019

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

Marks

Organon of Medicine with Homoeopathic Philosophy (RS-4)

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. Classify types and explain with examples inductive logic.
2. What happens when two dissimilar diseases meet in a living organism?

SHORT ESSAY **10 X 5 = 50 Marks**

3. Quote aphorism 1 and explain its essence
4. State the doctrine of drug proving and explain its importance
5. Explain the fundamentals of psychoanalytic theory.
6. Define behaviourism. Explain the basic features of behaviouristic psychology.
7. Describe conditional and unconditional forces.
8. Describe Hahnemann's pathological consideration of diseases.
9. Define record keeping. List its benefits.
10. Differentiate cure and recovery
11. Explain meaning of trinity of individual.
12. Describe the method of case taking in epidemic and sporadic diseases.

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

13. Define organon and organon of medicine.
14. Define sensation. List the types.
15. Define inductive leap.
16. Define allopathy and Homoeopathy.
17. Describe the use of issues and setons.
18. Define rational medicine.
19. Define accessory symptoms.
20. Describe the procedure of case taking of hypochondriac patients.
21. Explain expectant treatment.
22. Define keynote symptoms, give example.

* * * * *

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – OCT-2019

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

Marks

Forensic Medicine and Toxicology (RS4)

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 the post mortem changes in case of death due to burns.
2. Explain the signs and symptoms of oxalic acid poisoning. Describe the post mortem findings in case of oxalic acid poisoning.

SHORT ESSAY **10 X 5 = 50 Marks**

3. List the conduct and duties of doctor in the witness box.
4. Explain battered baby syndrome.
5. Explain any five presumptive signs of pregnancy.
6. Explain the signs and symptoms of acte starvation.
7. Explain defence wound.
8. Mention the medico legal importance of Tattoo marks.
9. State the provision under The Medical Termination of Pregnancy Act 1971.
10. Explain signs and symptom of methyl alcohol poisoning.
11. Describe the post mortem findings in case of death due to carbon monoxide poisoning.
12. Explain the signs and symptoms of acute barbiturate poisoning.

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

3. Outline the signs of sodomy in a passive agent.
14. Explain the types of euthanasia.
15. Mention six complications of criminal abortion.
16. Define dying declaration.
17. Define suspended animation.
18. Explain tandem bullet.
19. List the conditions where the sex of a person has to be determined.
20. List the principal signs of virginity.
21. List the circumstances of Dattura poisoning.
22. Explain toxalbumin.

* * * * *

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – OCT-2019

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

Marks

Organon of Medicine with Homoeopathic Philosophy (RS-4)

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, name the different schools of psychology, explain the behaviouristic and psychoanalytic school.
2. Describe the primary and secondary actions with examples.

SHORT ESSAY **10 X 5 = 50 Marks**

3. Describe the essence of aphorism 9.
4. Define organon and explain the changes in different editions.
5. Define inductive logic and discuss the Bacons steps of induction.
6. Explain the three different schools of philosophy.
7. Describe the modus operandi of Homoeopathic cure.
8. Define chronic diseases. Explain Hahnemann's concept of true chronic disease and its management.
9. List the different grades of symptoms as explained by Kent.
10. Explain the relation of cure to disease.
11. Describe the dynamic force of remedies.
12. Describe how to evolve the genus epidemicus.

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

13. Why Hering called the father of Homoeopathy in America?
14. Define syllogism.
15. State the sources of frustration
16. Define isopathy and Homoeopathy.
17. Explain cauterization as a method of treatment.
18. Define mongrel sect.
19. Describe how to skillfully elicit the private information of the patient.
20. Explain investigation of epidemic diseases.
21. Explain logical totality.
22. Define temperaments. List the types.

* * * * *

Rajiv Gandhi University of Health Sciences

II Year B.H.M.S Degree Examination – FEB-2019

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

Forensic Medicine and Toxicology (RS4)

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. Describe the post-mortem changes in case of death due to asphyxia.
2. Explain the signs and symptoms of sulphuric acid poisoning. Describe the post mortem findings in case of sulphuric acid poisoning.

SHORT ESSAY **10 X 5 = 50 Marks**

3. Explain the procedure of recording of evidence in the court.
4. Differentiate natural abortion from criminal abortion.
5. Explain the causes of impotence and sterility in males.
6. Explain the Bichat's mode of death.
7. Differentiate incised wound from stab wound.
8. Describe the procedure to estimate the age of a person from the eruption of teeth.
9. Differentiate professional negligence from infamous conduct.
10. List the hazards of ethyl alcohol.
11. Explain the signs and symptoms of acute and chronic endrin poisoning.
12. Explain the signs and symptoms of cantharides poisoning.

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

13. Define rape as per S 375 IPC.
14. List the objects of medical records.
15. List six causes of natural abortion.
16. Define conduct money.
17. Mention the early signs of death.
18. Define axonal injury.
19. What are finger prints?
20. Define artificial insemination.
21. List the circumstances of strychnine poisoning.
22. Explain the types of poisoning.

* * * * *