Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 09-Aug-2024

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 second intention.
2. Describe morphology and pathogenesis of Staphylococcus aureus.

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

3. Describe the pathogenesis of oedema caused by decreased plasma oncotic pressure.
4. Classify RNA viruses with examples.
5. Differentiate five features of dry gangrene and wet gangrene
6. List the chemical agents used in process of sterilization.
7. Describe the mechanism of type I hypersensitivity reaction.
8. Describe the pathological changes seen in lungs of bronchial asthma.
9. Explain the pathological changes in acute appendicitis.
10. Describe the causes of Glycosuria.
11. Describe the morphology of Leishmania donovani.
12. Explain the pathogenic effects caused by adult Ascaris lumbricoides.

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

13. Define Amyloidosis.
14. Define Glomerulonephritis.
15. Define Atherosclerosis.
16. List three causes of pancytopenia.
17. List three causes of Anuria.
18. Define Enterobiasis
19. List features of Cysticercus bovis
20. List the hepatic trematodes and lung trematodes.
21. List three genera of picornaviridae family.
22. List the routes of infection of Herpes simplex type I infection.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 09-Aug-2024

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. Describe the sequence of events in healing by first intention.
2. Define chronic renal failure. Explain the aetiopathogenesis of chronic renal failure.

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

3. Explain the morphologic features of fatty liver.
4. Explain the morphological changes in hypertrophy.
5. Describe the pathogenesis of oedema in nephrotic syndrome.
6. Describe the pathogenesis of progressive decompensated shock.
7. Enumerate any five differences between benign and malignant tumours.
8. Enumerate five differences between hyperthyroidism and hypothyroidism.
9. Explain causes of iron deficiency anaemia.
10. Describe microscopic features of myocardial infarction.
11. Define bronchopneumonia. Explain pathogenesis of bronchopneumonia.
12. Explain aetiopathogenesis of duodenal ulcer.

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

13. List any three sources of arterial thromboembolism.
14. Explain the role of stress in hyperlipidaemia.
15. Define hospital acquired infection.
16. Classify autoimmune diseases.
17. Explain pathogenesis of infection.
18. Classify cirrhosis of liver.
19. Classify pancreatitis.
20. List three complications of atherosclerosis.
21. Explain gross changes in benign prostatic hypertrophy.
22. List three lesions of rickets.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 13-Aug-2024

[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. Define Malpraxis. Discuss the civil Malpraxis.
2. How do you diagnose poisoning in the living and dead?

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

3. Explain the Conditions simulating Rigor Mortis.
4. Explain the types of Abrasions. Mention its medico legal importance.
5. List the medico legal importance of finger prints.
6. Discuss the legal aspects of dowry deaths.
7. Explain the immediate signs of death.
8. Explain the signs and symptoms of death due to Lightening.
9. Discuss the characters of ideal suicidal poisons.
10. Outline the first aid given to a snake bitten person
11. Explain the types of and causes of asphyxia.
12. Explain the presumptive signs of pregnancy.

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

13. Define adultery.
14. Explain Mc Naughten’s rule.
15. Define infanticide.
16. Define dying deposition.
17. Describe Tardieu’s spot.
18. Define chop wound.
19. Define Super fecundation.
20. Mention the signs, symptoms of scorpion sting.
21. List the precaution to be taken to prevent organo phosphorus poisons.
22. Define Barr body.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 13-Aug-2024

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 pathogenesis of bacillary dysentery caused by Shigella
2. Explain the types of carriers & vectors with examples.

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

3. Explain the arrangement of cocci with examples.
4. Describe the pathogenesis of **Pneumococci**
5. Describe the clinical manifestations of Syphilis.
6. Describe the life cycle of Ancylostoma duodenale.
7. Describe the features of cyst of Entamoeba histolytica.
8. Enumerate the differences between Live and Killed vaccines.
9. Enlist the culture methods, Explain streak culture method.
10. Enumerate the normal Microbial Flora in Human Body.
11. Describe the mechanism of type I hypersensitivity reaction.
12. Describe the pathogenesis and clinical features of Influenza virus.

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

13. List the systemic classification of Fungi.
14. List the habitat of Taenia Saginata and Taenia Solium.
15. List three features of eggs of Schistosoma Haematobium
16. List the habitat of Leishmania Donovani in definitive host.
17. List three morphological features of Enterobius Vermicularis.
18. Classify viruses based on type of nucleic acids with two examples for each.
19. List the significance of presence of antibodies in hepatitis B virus infection.
20. Sketch the structure of a virus.
21. Mention incubation period and mode of transmission of Rota virus.
22. List three features of German measles.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 16-Aug-2024

Time: 3 Hours **Max. Marks: 100**

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 ESSAY **2 X 10 = 20 Marks**

1. Describe the constitution, characteristics symptoms, causative factors, respiratory complaints and general modalities of sepia

2. Explain different sources of homoeopathic materia medica

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

3. Describe e the Hepatic symptoms of chelidonium majus
4. Enumerate phytolacca glandular affections
5. Write the theory of 12 tissue remedies
6. Explain respiratory symptoms of Natrum sulph
7. Write the mentals of anacardium orientale
8. Describe the respiratory symptoms of Antimonium Tartaricum
9. Indicate Agnus castus in sexual sphere
10. Describe the head symptoms of Natrum carb
11. Explain the urinary symptoms of cantharis
12. Write a note on cactus grandiflorus in cardio-vascular complaints

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

13. List the modalities of Arsenic Alb
14. Indicate kali mur in ear complaints
15. Describe muscular pain of Bryonia Alb
16. List the modalities of Gelsemium
17. Write the mouth complaints of Ipecac
18. Mention six glandular symptoms of Calcarea flour
19. Mention the discharges of Kreosotum
20. Explain the character of leucorrhoea in Alumina
21. Indicate six characteristics of upper respiratory – Allium Cepa
22. Describe the skin complaints of petroleum

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 16-Aug-2024

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. Enlist various data which help in establishing identity of a person. Define dactylography and explain its types and medico legal importance
2. Explain the signs, symptoms and postmortem findings in case of chronic Lead poisoning.

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

3. Explain the procedure of recording dying declaration.
4. Explain the method of procuring criminal abortion using abortifacient drugs
5. Discuss various causes of sterility in female.
6. Explain Harvard criteria for determining brain death.
7. Mention the factors modifying size & shape of contusion.
8. Explain the medico legal importance of scars.
9. Explain the rules of consent.
10. Explain the post-mortem appearance of Carbon monoxide poisoning.
11. Enlist the universal antidote constituents and its uses.
12. Differentiate Arsenic poisoning from Cholera.

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

13. Enlist the Specimens to be collected from a victim of rape.
14. Define lucid interval in Psychiatry.
15. Explain the legal implications of abandoning the child.
16. Define perjury.
17. Define post mortem caloricity.
18. Define hesitation cuts.
19. Define Barr body.
20. Define pseudocyesis.
21. Define Phossy jaw.
22. Define Widmark's formula.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.H.M.S Degree Examination – 21-Aug-2024

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. Enumerate the sources of Homoeopathic Materia medica. Explain any four sources in detail.
2. Describe Silicea under causations, guiding symptoms, and skin manifestations.

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

3. List the steps involved in construction of Homoeopathic materia medica.
4. Explain the utility of Homeopathic Materia Medica.
5. Define Homeopathic Materia Medica? Mention its Classification.
6. Explain the Science and philosophy of Materia medica.
7. Enumerate the benefits of Comparative study of Materia Medica with examples.
8. Explain the contribution of Dr Samuel Hahnemann in the evolution of Materia medica.

Or

Describe the gastric symptoms of Nux vomica

9. Describe the Mind of Pulsatilla.
10. Write the characteristics symptoms of Dulcamara.
11. List the guiding features of Antim crud.
12. Compare and contrast between the injuries of Arnica and Ledum pal.

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

13. Explain about Materia Medica Pura.
14. Define Antidote? Mention examples of any two.
15. Mention the utility of Physiological Materia medica with an example.
16. Define doctrine of signature.
17. Justify why physician is called ideal prover.
18. State the Indications of Aurum triphyllum in respiratory symptoms.
19. State the indications of Chamomilla in Children.
20. Mention the role of Cina in Ascariaisis.
21. State the Indications of Natrum phos in gastric symptoms.
22. Enumerate the guiding symptoms of cinchona off.

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