

Royal College of Physicians of Edinburgh

EXAMINATION FOR MEMBERSHIP

APRIL 1920

BACTERIOLOGY

1. Describe in detail the methods you would employ in making a bacteriological diagnosis in a case of cholera. How is Haffkine's anti-cholera inoculation carried out?
2. Give an account of the morphology and cultural characters of the anthrax bacillus and describe the lesions it may produce in man.
3. Describe the causal organism in spirochaetal jaundice, its distribution in the tissues in man, and the results of inoculation in the guinea-pig.
4. Describe the results of experimental inoculation of the pneumococcus in the lower animals. How may the strains of pneumococci be differentiated, and state how this differentiation has influenced the serum treatment of acute pneumonia?