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H-BP-605

B. Pharmacy (Semester-VI) Examination, June 2022

PHARMA BIOTECHNOLOGY

[Paper : Third]

Time Allowed : Three Hours

Maximum Marks : 75

Minimum Passing Marks : 28

Note : Answer from **all** parts as per instructions given in each part.

PART-A

(Very Short Answer Type Questions)

1. Attempt all questions. Each question carries **02** marks. [10×2=20]

(a) Define MCH.

(b) What is Vaccine ?

(c) What is Genetic Code ?

(d) What is Insulin ?

(e) What is PCR ?

(f) Define Hypersensitivity.

(g) Define Immunity.

(h) Define Mutation.

(i) What is Vitamin B12 ?

(j) What is the full form of ELISA ?

PART - B

(Short Answer Type Questions)

2. Attempt **any seven** questions. Each question carries **05** marks. [7x5=35]

(a) Write a short note on Recombinant DNA.

(b) Write a short note on Mutations.

(c) Write a short note on Immuno blotting techniques.

(d) Write a short note on plasma substitues.

(e) Discuss the production of penicillins.

(f) Write a short note on Vaccines.

(g) Write a short note on Immunoglobulins.

(h) Write a short note on PCR.

(i) Write about cloning vectors.

PART-C

(Long Answer Type Questions)

3. Attempt **any two** questions. Each question carries **10** marks. [10×2=20]

(a) Write a detail note on fermentation.

(b) Discuss genetic engineering with special reference to the production of Medicine.

(c) Write a detail note on Immunity.

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