

University of Asia Pacific
Admission Test for Spring 2024

(Only for candidates seeking admission in **M Pharm in Pharmaceutical Technology**)

Full Marks: 50

Exam Time: 30 min

Eligibility: CGPA 2.5 (scale 4.0) or above in B. Pharm from a recognized institution, candidate must fulfill The admission criteria of Pharmacy Council of Bangladesh

Syllabus:

1. Formulation, manufacturing, problems encountered during manufacturing and evaluation of Tablet, Capsule, Liquid Dosage Form, Powder Dosage Form, Sterile Dosage Form.
2. Biopharmaceutics.
3. Pharmaceutical Engineering (HVAC, Water treatment Plant, Mixing etc.).

Sample Questions:

MCQ: Write the correct answer(s) in the answer box in capital letter

#	Questions	Answer
1	Povidone K-30 is used as A) Binder B) Diluents C) Film former D) none	A
2	Weight of 1 size empty capsule shell is -- mg A) 69-85 B) 45 - 60 C) 120-130 D) None	A
3	For enteric coated tablets disintegration time should be ----A) less than 2 min in acid media B) less than 30 min in acid media C) 120 min in water D) none	D

Mathematical questions: Calculate and write the answer in the box

#	Questions	Answer
1	Calculate amount of Acetaminophen for 100000 Acetaminophen tablets (strength 500 mg) in Kg if potency of Acetaminophen is 100%.	50 kg
2	Average weight of tablets is 500 mg. Calculate % deviation for a tablet of 490 mg	2%
3	Weight variation of 20 capsules are 2.5%, 6.4%, 4.2%, 2.5% 8.4% , 5.8%, 4.1%, 1.3%, 0.9%, 5.2%, 1.2%, 9.2% , 5.4%, 4.21%, 3.24%, 2.24%, 5.76%, 1.4%, 1.29%, 2.1%, Average weight of the batch is 310 mg. How many capsule cross BP specification of weight uniformity test?	2
4	Potency of 10 capsules are 111%, 112%, 122% , 120% , 101%, 88%, 107%, 92%, 108%, and 107%. Write the potency that cross 1 st limit of USP specification of content uniformity test.	122%, 120% ,

Normal Calculator may be used to solve the mathematical questions

Venue: Pharmacy Department, University of Asia Pacific 74/A Green Road (Level-4) Dhaka-1205

Schedule:

Sl. No.	Task	Date and Time
1.	Last date of application	Thursday, May 9, 2024
2.	Date of admission test	Monday, May 13, 2024, 3.00 PM
3.	Result of the written test	Tuesday, May 14, 2024
4.	Viva voce	Wednesday, May 15, 2024
5.	Final result after viva	Thursday, May 16, 2024
6.	Admission will start from	Sunday, May 19, 2024