

# ***Analytical Event***

For students pursuing their career in any field, the eye of the analyst is a priceless tool. The observation skills are a prelude to a fantasy which unfolds the questions as we know and encounter. The present scenario demands the most out of the competitors, the advancing lot being the ones with a broad vision and an eagerness to explore the hidden realm. **SPIRIT'20** organizes an analytical event intertwining these principles, an opportunity for the students to test their insight and knowledge of the many disciplines which emanates accession.

## ***Eureka: Sample Analysis***

For a researcher, indefinite possibilities amass before him out of which only certain few can be transformed into the reality based on the present needs. The knowledge of a myriad of subjects is the penultimate dream of a researchers' life, one where the eye reflects the story within. This event tests the students on their knowledge of the principles of Pharmacognosy and Pharmacology. It comprises of the following rounds:

### **1. Preliminary Round:**

Teams comprising of utmost **2 members** can participate in this round, where a sample of an unknown Crude Drug is supplied, which has to be analyzed and identified based on the principles of Pharmacognosy. The following rules are to be noted:

- I. Total marks would be out of **50**.
- II. Along with the sample a Power Point Presentation (PPT) would also be shown to the teams so as to give a hint about its Pharmacognosy profile. This PPT will carry no negative marking.
- III. On the request of the students two more PPT's would be disclosed to them containing further information about the Crude Drug at hand, each carrying a negative marking of -5 and -10 respectively. If the team manages to score the answer after disclosing the second PPT, the score would be noted as 45 and if the third PPT was used to arrive at the answer, 35 marks would be awarded to the team members. If the team fails to

Identify the specimen after using up all the PPT's, zero marks would be awarded to them.

IV. Further instructions would be provided on the spot.

## **2. Simulation Round (Final Round):**

The qualifying teams would advance to the computer simulation round, where the principles of Pharmacology are put to the test. In this round, a set of unknown drugs on the screen has to be treated to a particular perfused organ individually, while noting down the observed changes. Based on the observation (action of the drug on the organ), identify the drugs. A table would be made available encompassing drug names for reference. There would be negative marking as well as time limit. Further details would be provided on the spot.

### ***Codon: Prescription Study***

The aim of the medicine is to prevent diseases and prolong life, but the ideal of the medicine is to eliminate the need of the physician. So be your own physician. According to the international pharmaceutical federation (IPF) the mission of all pharmacist is to help people and society make best use of medicines. The study about the prescribing drug is the primary intervention that most doctors offers to influence their patient's health. A firm grounding in the principles of prescribing and therapeutics, an understanding of how drugs work, and a basic knowledge about commonly used medicine are essential for all medical graduates pharmacists.

Thus the knowledge about pharmacology is the most important component of undergraduate teaching curriculum where students learn about the art of prescription writing and different drug formulation.

Here this study will be done and evaluated by two process.

#### **1) Paper prescription study (preliminary round):**

I. This include 5 actual prescription format which was given by doctors to the patients.

- II. All question will be mandatory.
- III. Each prescription contain **5 question** (multiple type +fill in blanks).
- IV. Each question contain **2 marks** (no (-ve) marks to any question).
- V. Time allowed for this round will be **40 minutes**.

**Total ten student will be selected for Final round.**

## **2) Visual Prescription Study(Final round)**

- I. One video clip will be shown to the each participant (video clip will be of 3-4 minutes).
- II. After seeing the clip **5 question** will be given to then one by one (question may be in any format).
- III. All question will be based on the clip itself not from outside.
- IV. Each question contains **2 marks** (no -ve marks )
- V. Time provided for each question would be **2 minutes**.

### ***Impulse: Group Discussion***

Impulse is an individual participation event that lets you elaborate and educate your opinion to others on contemporary issues of the pharmaceutical realm. It envisions to provide a platform to assist participants in expressing themselves unequivocally. On the spot topic would test your extemporaneous performance and interpersonal skills. Students have a lot to learn from this exposure of like minded orators and supplement their thought process in order to tackle new problems. All budding scientists and entrepreneurs must possess the art of disseminating their ideas to others as well as scrutinise methodically the views presented to them. Our two pronged approach is synthesised to invigorate you to confront the challenges and proficiently pass them with flying colours.

## **1. Preliminary Round:**

This is a 'Written Quiz' comprising of a set of Multiple Choice Questions.

- I. Total time span of written Quiz will be 20 minutes (30 questions).
- II. Questions will be from Pharmaceutical field along with General knowledge and English.

All students from undergraduate/diploma/postgraduate are eligible for written quiz; provided they have registered for the event.

**All students intending to contest in Impulse-Group Discussion are required to appear in the written quiz as well; a total of 30 Students will be selected for Impulse.**

## **2. Second Round:**

1. The topic for group discussion will be given 10 minutes before the start of Group discussion.
2. Total 30 students will be divided into 3 groups.
3. Each group will have 10 students.
4. Each student will be given maximum 5 minutes to speak.
5. Three students will be selected from each group.

Total 9 students will be selected from Second round. Selected students will go for the final round.

## **3. Final Round:**

- I. The topic for group discussion will be given 15 minutes before the start of Group discussion.
- II. Each student will be given maximum 5 minutes to speak.
- III. Final Three students will be selected from final round.

## **Analytical Head**

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