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**PRESIDENCY UNIVERSITY
BENGALURU**

SET B

**SCHOOL OF LAW
END TERM EXAMINATION - JAN 2024**

Semester : Semester I - 2023
Course Code : PGL3003
Course Name : IPR and Public Health
Program : LMI

Date : 22-JAN-2024
Time : 1:00 PM - 4:00 PM
Max Marks : 100
Weightage : 50%

Instructions:

- (i) Read all questions carefully and answer accordingly.
 - (ii) Question paper consists of 1 part.
 - (iii) Scientific and non-programmable calculator are permitted.
 - (iv) Do not write any information on the question paper other than Roll Number.
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ANSWER ALL THE QUESTIONS

(10Q X 10M = 100)

1. Explain how the traditional knowledge had been passed down through generations, and what role does oral tradition play in preserving and transmitting this knowledge?
(CO3,CO2,CO1) [Comprehension]
2. Examine how does access to intellectual property rights (IPR) impact the affordability and availability of essential medicines in developing countries.
(CO3,CO2,CO1) [Comprehension]
3. How do pharmaceutical companies address challenges related to intellectual property, competition, and market access during the later stages of drug development and commercialization?
(CO3,CO2,CO1) [Comprehension]
4. Analyze the influence of corporate power, particularly within the pharmaceutical industry, on healthcare policies and the accessibility of essential medications.
(CO1,CO2,CO3) [Comprehension]
5. Evaluate the role of multinational corporations in shaping health challenges, including the impact of their lobbying efforts, marketing strategies, and pricing policies on public health outcomes.
(CO3,CO2,CO4) [Comprehension]
6. Examine the role of compulsory licensing in promoting competition in the pharmaceutical market, particularly in lowering the cost of essential drugs. Provide real-world examples to support your analysis.
(CO2,CO3,CO4) [Application]

7. Analyze the role of IPR in balancing the commercial interests of companies involved in genetic engineering with the need for widespread access to genetic technologies. How can patent laws impact the affordability and availability of genetic engineering tools?

(CO3,CO2) [Application]
8. .Imagine you are leading a bioinformatics team in a pharmaceutical company. Describe how bioinformatics tools and techniques can be employed in the drug discovery process, from target identification to preclinical development. Highlight the significance of big data analytics and computational approaches in advancing medical biotechnology.

(CO4,CO3) [Application]
9. Explore examples where compulsory licenses for generic drugs have been issued to address specific health crises. Analyze the effectiveness of these interventions in improving access to essential medicines and their impact on the pharmaceutical industry.

(CO3,CO2,CO4) [Application]
10. Analyze the efforts of global health initiatives in promoting equity in access to healthcare services, particularly in low-income and marginalized communities. Assess the strategies employed to address social determinants of health and reduce disparities in health outcomes on a global scale.

(CO4,CO3,CO2) [Application]