

Program: BE Biotechnology Engineering

Curriculum Scheme: Revised 2016

Examination: Third Year Semester VI

Course Code: BTC604 and Course Name: IPR, Bioethics & Biosafety

Time: 1-hour

Max. Marks: 50

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Note to the students: - All the Questions are compulsory and carry equal marks.

Q1.	A singer wishes to assign the rights to reproduce a video she has made of her concert.
Option A:	Copyrights
Option B:	Trademark
Option C:	Patent
Option D:	Industrial designs
Q2.	The Budapest Convention is also known as
Option A:	The Paris Convention
Option B:	Council of Europe's (CoE) Cybercrime Convention
Option C:	The WIPO
Option D:	TRIPS
Q3.	Which organization classifies patent as Utility, Design and Plant Patents?
Option A:	WTO
Option B:	TRIPs
Option C:	GATT
Option D:	WIPO
Q4.	The Indian Parliament approved the Protection of Plant Variety and Farmer's Right Act in
Option A:	November 2005
Option B:	January 2000
Option C:	November 2001
Option D:	January 2003
Q5.	The aim of biosafety is to
Option A:	Maintain safety of microorganisms
Option B:	Maintain safety of biotic components of environment
Option C:	Reduce or eliminate accidental exposure to infectious agents and to prevent release of infectious agent to environment
Option D:	Ensure first aid is provided to researchers in lab in case of any accident or mishap
Q6.	Which of the following is an issue concerning biotechnology?

Option A:	Human genome project
Option B:	Plant biotechnology
Option C:	Xenotransplantation
Option D:	GMO
Q7.	A company has decided to invest in outer shape design of bottle in which they would fill the perfume produced by them, and which is distinctive, and they wish to ensure that they have sole use.
Option A:	Copyrights
Option B:	Trademark
Option C:	Patent
Option D:	Industrial designs
Q8.	The patent law that allows patents to an invention dealing with the shape or ornamental feature of an article is?
Option A:	Process Patent
Option B:	Design Patent
Option C:	Utility Patent
Option D:	Plant patent
Q9.	Which of the following statements is incorrect?
Option A:	TK is distinctly associated with an indigenous or local community, which preserves and transmits it from generation to generation.
Option B:	TK is old and static.
Option C:	TK is generated, preserved and transmitted in a traditional and intergenerational context.
Option D:	TK is not limited to any specific technical field.
Q10.	Which of the following is not a step in the process of registration of plant variety?
Option A:	Completion of the Application form
Option B:	Review by the Registrar
Option C:	Request for examinations
Option D:	Publication
Q11.	IBSC stands for
Option A:	Indian Biotechnological Studies Council
Option B:	International Bureau for Safety Concern
Option C:	Indian Biosafety System Code
Option D:	Institutional Biosafety Committee
Q12.	The approach which deals with the community as a whole & not as individual is _____
Option A:	The common approach
Option B:	The good approach
Option C:	The common right approach
Option D:	The common good approach

Q13.	A company decides to use a logo that has the same shape as its competitor but with a different color. It is a violation of:
Option A:	Copyrights
Option B:	Trademark
Option C:	Patent
Option D:	Industrial designs
Q14.	The Central government established a register for the purpose of Registration of Plant Variety is:
Option A:	Plant Breeders Registry
Option B:	Plant Varieties Registry
Option C:	Plant Protection Registry
Option D:	Agriculture Protection Registry
Q15.	Patent Registry Head Office is located in?
Option A:	Mumbai
Option B:	Kolkata
Option C:	Chennai
Option D:	Delhi
Q16.	Which one is the major consequence of gene flow?
Option A:	Change in genetic diversity of traditional crops
Option B:	Change in ecosystem
Option C:	Presence of allergens & toxins in food
Option D:	Probable impact on environment
Q17.	IAB stands for
Option A:	International Association of Bioethics
Option B:	Indian Advisory Board
Option C:	Indian Agronomic Bureau
Option D:	International Association of Biohazard
Q18.	Which of the following statements is true?
Option A:	a) Trademark registrations can be renewed for an unlimited number of 10 year periods
Option B:	b) Trademark law is intended to protect the owner's original work
Option C:	c) To qualify for federal protection, a mark must be distinctive and have a "secondary meaning."
Option D:	d) Surnames alone can be trademarked
Q19.	When can an opposition to the grant of a patent be filed in India?
Option A:	Within three year after publication of the grant of the patent
Option B:	Any time after the grant of the patent
Option C:	Within six months after publication of the grant of the patent
Option D:	Within two years after publication of the grant of the patent
Q20.	US patent office granted patent on a fungicidal product derived from seeds of the

	Neem. Which Asian country opposed this?		
Option A:	Singapore		
Option B:	India		
Option C:	South Korea		
Option D:	China		
Q21.	What is generally the ultimate focus of bioethics?		
Option A:	The importance of technology in answering questions of universe		
Option B:	Natural laws of universal morality		
Option C:	The impact of research on humans & humanity		
Option D:	The morality of actions in daily life		
Q22.	Which is one of the ways through which gene flow is mediated?		
Option A:	Gene flow through leaves		
Option B:	Gene flow through soil		
Option C:	Gene flow through seeds		
Option D:	Gene flow through water		
Q23.	Which of the following is NOT a task of IBC?		
Option A:	To promote reflection on the ethical and legal issues raised by research in the area of life sciences & their applications		
Option B:	To encourage action to increase awareness among the general public, specialized groups & public & private decision makers involved in bioethics		
Option C:	To facilitate contacts & information exchange between professionals & organizations engaged in the area of bioethics		
Option D:	To spread public awareness of genetic testing, gene therapy, genetic counselling, neuroscience, population genetics etc.		
Q24.	What is Patent Co-operation Treaty?		
Option A:	Application which helps in applying the patent in a number of countries simultaneously.		
Option B:	Application generally filed to get an early application date (priority date).		
Option C:	Final application which has to be filed		
Option D:	Application filed at a stage where some more experimentation is still required to make the invention perfect.		
Q25.	1.	Risk group 1	i. Bioagents classified under this risk group are known to cause disease, which is rarely serious with limited potential for transmission & for which preventive or therapeutics are often available.
	2.	Risk group 2	ii. This group has organisms associated with lethal human disease for which vaccination or medication is not readily available
	3.	Risk group 3	iii. Bioagents classified under this group are not found to cause any disease in healthy adult human or animal
	4.	Risk group 4	iv. This group contains organisms that are associated with serious lethal human disease for which vaccine/ medication may be available
Option A:	1-ii, 2-iv, 3-i, 4-iii		
Option B:	1-iv, 2-i, 3-iii, 4-ii		
Option C:	1-ii, 2-i, 3-i, 4-ii		
Option D:	1-iii, 2-i, 3-iv, 4-ii		

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	A
Q2.	B
Q3.	D
Q4	C
Q5	C
Q6	C
Q7	B
Q8.	B
Q9.	B
Q10.	C
Q11.	D
Q12.	D
Q13.	B
Q14.	B
Q15.	B
Q16.	A

Q17.	A
Q18.	A
Q19.	C
Q20.	B
Q21.	C
Q22.	C
Q23.	C
Q24.	A
Q25.	D