

University of Mumbai
Examination 2020 under cluster 4 (PCE)

Program: BE Biotechnology
Curriculum Scheme: Rev2012

Examination: Third Year Semester VI

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

Time: 1 hour

Max. Marks: 50

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

Q1.	How many states have signed the Paris Agreement as per Nov 2016?
Option A:	172
Option B:	182
Option C:	192
Option D:	202
Q2.	Intellectual Property Rights (IPR) protect the use of information and ideas that are of
Option A:	Ethical value
Option B:	Moral value
Option C:	Social value
Option D:	Commercial value
Q3.	A trademark is represented by several key characteristics. Which of the following is one of them?
Option A:	A trademark identifies a product's origin
Option B:	Slogans are not covered under trademark law
Option C:	Trademarks are never an indicator of quality
Option D:	Trademarks are "shorthand" for retailers to use in determining pricing strategy
Q4.	What is The Berne Convention Moral Rights:
Option A:	Have always been part of UK copyright law
Option B:	Are not implemented in common law countries
Option C:	Were implemented for the first time in the UK by the CDPA 1988
Option D:	Are required by the TRIPs agreement

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Q5.	How many inventions can be filed in a single application?
Option A:	One major invention and one minor invention are permissible
Option B:	One invention- one application
Option C:	Multiple inventions can be clubbed in one application and special fees to be charged for it.
Option D:	Up to four connected inventions are permissible
Q6.	Utility patents are given on the basis of?
Option A:	Design of the invention
Option B:	Distinctness of the invention
Option C:	Usefulness of the invention
Option D:	Non-obviousness of the invention
Q7.	The plant variety protection did not emerge to
Option A:	set up an effective system to protect plant varieties
Option B:	set up an effective system to protect plant varieties
Option C:	encourage investment in research and development in this area.
Option D:	increase the production rate by any means even if the pressure on nature is high
Q8.	A situation where indigenous knowledge of nature, originating with indigenous people, is used by others for profit, without permission from and with little or no compensation or recognition to the indigenous people themselves is called
Option A:	Bioprospecting
Option B:	Biopiracy
Option C:	Bioethics
Option D:	Infringement
Q9.	What is generally the ultimate focus of bioethics?
Option A:	The importance of technology in answering questions of universe

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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
Q10.	Which one of the following is not a method for plant protection?
Option A:	Plant breeder's right
Option B:	Genetic mechanism
Option C:	Plant breeder's right
Option D:	Trademarks
Q11.	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.
Q12.	What are GLP?
Option A:	Good manufacturing practices
Option B:	A quality assurance system
Option C:	Great listening procedures
Option D:	Good local plant
Q13.	The location for 2015 United Nations Climate Change Conference is
Option A:	Paris
Option B:	Copenhagen
Option C:	Brasilia
Option D:	Nairobi

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Q14.	A company wishes to ensure that no one else can use their logo.
Option A:	Copyrights
Option B:	Trademark
Option C:	Patent
Option D:	Industrial designs
Q15.	Which of the following statements is true?
Option A:	Trademark registrations can be renewed for an unlimited number of ten year periods
Option B:	Trademark law is intended to protect the owner's original work
Option C:	To qualify for federal protection, a mark must be distinctive and have a "secondary meaning."
Option D:	Surnames alone can be trademarked
Q16.	Which of these events potentially triggers the right of attribution:
Option A:	Broadcasting a recording of a song on the radio
Option B:	Selling a postcard which shows a photograph of a sculpture
Option C:	Broadcasting a recitation of a poem on the radio
Option D:	Uploading a song to a file-sharing website
Q17.	Patentability criteria for plants does not involve which of the following point?
Option A:	The plant is either invented or discovered and, if discovered, the discovery should be made in a cultivated area.
Option B:	The plant discovered should be different from the known, related plants by at least one distinguishing characteristic.
Option C:	It should be a tuber food part like potato.
Option D:	The plant should be novel and not known by the people before, either in documents or in the field, more than one year prior to the date of the application
Q18.	Which one of the below option falls under process patent?
Option A:	Method of execution

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Option B:	Design
Option C:	Composition
Option D:	Device
Q19.	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
Q20.	Why biodiversity is of great scientific value?
Option A:	Because many species of plants and animals are the subjects of our research.
Option B:	Because biodiversity can be used only by specific people/companies
Option C:	Because biodiversity can only be useful for scientist
Option D:	Because biodiversity provides only few products that helps for humans
Q21.	Higher chances of cancer, infections & other disabilities in cloned animals is an ethical issue pertaining to
Option A:	Social & ethical implications of cloning
Option B:	Bioethical issues in transgenic, gene therapy & human cloning
Option C:	Bioethical issues & conflicts in the development of GMOs
Option D:	Bioethical issues in genetically modified organisms
Q22.	Which of the following involves preventing transmission of disease in the laboratory?
Option A:	Biosafety
Option B:	Biofuel
Option C:	Biosecurity
Option D:	Biohazard

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Q23.	The Patent Office is governed by the
Option A:	Department of Industrial Policy and Promotion (DIPP)
Option B:	NIIPM (National Institute for Intellectual Property Management)
Option C:	Patent and Trademark Office
Option D:	Office of the Controller General of Patents, Designs & Trade Marks (CGPDTM)
Q24.	Identify one factor indicating risk.
Option A:	Concentration of microorganisms
Option B:	Placement of microorganisms
Option C:	Genus and species of microorganisms
Option D:	Mode of transmission
Q25.	Trade in services includes which of the following?
Option A:	Computer hardware
Option B:	Textiles
Option C:	Insurance
Option D:	Aerospace

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	B
Q2.	D
Q3.	A
Q4	C
Q5	B
Q6	C
Q7	A
Q8.	B
Q9.	C
Q10.	D
Q11.	C
Q12.	B
Q13.	A
Q14.	B
Q15.	A
Q16.	C
Q17.	C

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