

BT605 CURRENT MCQS

1. Doing scientific research both can combine _____ observations and experiment
2. Which one of the following is correct _____ Immoral relationship between human and environment is called environmental ethics.
3. Intrinsic concern relating to GM food _____ religion.
4. Which one of the following is incorrect relating to bioweapon _____ slow place of development.
5. Which one situation is not a containment zone. ----- Conference rooms
6. Which one is the duty of Biosecurity officer. _____ lab environment
7. What is not the duty of biosafety officer _____ To stop fighting Between workers
8. Patient has a right to _____ Receive information, make decision, confidently
9. Virtue is given by _____ philosophers _____ Aristotle
10. All are example of contamination zone except _____ . Chemical fume hood, building system, sealed room sealed containers and personal unit Expect these
11. After spillage the priority must be given to _____ Vacate area as soon as possible
12. The practice of bio weapons is the warfare _____ . Ancient
13. Mycobacterium found in. _____ blood, sputum, lab cultures, ___all.
14. Patenting a gene copy is same as patenting a gene. ___ Valid, invalid, both arguments, none.
15. ___ have been working on ethical decision making for 300 years. _____ All
16. Containment zone in high biosafety lab zone is called as _____. Hot zone
17. _____ of hazardous material by mouth pipetting. _____ Ingestion
18. Function of biosafety collaboration centre is _____ Communicable disease, surveillance and response, applied biosafety programs and training
19. use of viruses in GM crops as vectors increases the risk of _____ cancer induction
20. ingestion of hazardous material _____ identification of Ingested material, circumstances of the incidence, complete medical record
21. Emergency plans are designed by _____ biosafety committee
22. Risk framework assessment for chemical was proposed in _____ Stockholm
23. Deferring irreversible decisions result in _____ need more time to achieve objectives
24. Diagnostic labs of private schools. Should certify to ___ BSL3
25. Toll of allergies due to GM crops has increased _____ 50%
26. In 1883 how many children died in England due to fire _____ 180
27. Public participation need assess to _____ Information
28. In TB labs works have high risks of _____ bacilli
29. who rejected the Aristotle idea _____ Thomas
30. Hearing conservation programs initiated for _____ medical monitoring program
31. federal govt made rule under act 2005 made rule for national biosafety under rule ___ 4
32. Durinlab working _____ eyes must wash with water.
33. which is not fire _____ oxygen
34. To hack all the sites hackers must use ___ Viruses, worms, turjon horses, all _____ all
35. which is not the code of nurses _____ nurses and their families
36. Earth came into being about _____ 3.5billion years ago
37. Which of the following is not an obstacle _____ lightning
38. Nano robots when injected help the treatment of cancer patient _____ seek for cancerous cell

39. Regulatory system in cybernetic can be _____ exploring
40. Deferring irreversible decisions result in _____ need more time to achieve objectives
41. which is used as bioweapons _____ any infectious agent used intentionally to cause harm to others
42. Internal transport except _____ commercial carries
43. Indian GMos called _____ alien species
44. Emergency plan done by _____ Biosafety officer
45. Risk assessment scheme potential hazard _____ scoring system
46. Vector increased the risk of _____ cancer induction
47. children and old aged person have immunity _____ Weak
48. animals use for work and delighting called _____ Beasts of burden
49. hazardous chemicals follow the.. route of exposure _____ Ingestion, Inhalation, Needle stick All
50. micropipette are available all size except _____ 5
51. AFIA Stand for _____ America Feed Industry association
52. Hbv vaccine can be given at the age on _____ Any
53. q fever is a disease _____ bacterial infection
54. chemicals fume hood is required microorganisms _____ Isolation
55. permission for food stuff is necessary for _____ Ingredients
56. whenever we want to develop a biosecurity plans we look at _____ Location, Facility All above

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57. AFIA abbreviation? America Feed Industry Association
58. Which is used as bioweapon anthrax
59. - Cybernetic means "governance"
60. _____ is required to import/export /sale/purchase genetically modified food _____ License from federal agency
61. Risk assessment scheme assess potential hazard _____ Scoring system
62. Permission for food stuff is necessary for ingredients of food stuff, additives, processing aid _____ All
63. Function of biosafety collaborating center is _____ Applied biosafety programs and training
64. - Fire extinguisher have _____ 4 classes
65. - Favrsavr tomato 1994 _____ genetically modified tomato
66. Which is harmful for human lead, mercury, gold and arsenic (not sure)
67. To hack attacker are viruses worms and Trojan horses and all
68. - a suit laboratory personnel must wear positive pressure air protective suit BSI4
69. - which is not fire A. Heat Oxygen C. Fuel D. Oil
70. Indian GMO's are also called Alien species
71. Obstacles are except 1. Multiple locks 2. Fireproof safes 3. Water sprinkles 4. Lighting
72. Emergency plan is done by? Biosafety officers
73. Treatment via gene therapy 1. Leukemia 2. Hemophilia 3. Down syndrome 4. cystic fibrosis

74. Internal transport is except 1. shipping 2. movement from / to restricted area within facility 3. involve persnol from lab 4. **Commercial Carriers**
75. Which not cause exposure to chemical inhalation ingestion needle stick **and lab coat contamination**
76. Folic acid with wheat this transgenic plant is used to cure? **Anemia**
77. Gene therapy is not acceptable for _____ **leukemia**
78. Function of biosafety collaborating counter is _____ **applied biosafety programs and things**
79. Animals used for working band roughing are called _____ **Beasts of burden**

BT605 CURRENT & PAST MCQS FOR MIDTERM

1. Which is not patient right _____ **COMMON COLD**
2. Genetic diagnosis referred to as ___ DNA testing-diagnosis of genetic diseases-determine a child parentage **ALL**
3. Designer babies are made through _____ **IN VITRO FERTILIZATION**
4. American Biological Safety Association founded in **1984**
5. _____ transplanted the nucleus of a tadpole intestinal cell into an enucleated frog egg. _____ **JOHN GURDON**
6. systemic search for person with specific genotype, individual or group show a risk of disease called _ **GENETIC SCREENING**
7. There are ___ codes of nurses ___ **4 (FOUR)**
8. Nano robots used for treatment of **CANCER/ CANCER PATIENT**
9. ethics is related to _____ **scientific research**
10. biohazard symbol discovered by _____ **CHARLES BALDWIN**
11. hESCs are used to _____ **GENERATE ORGANS**
12. Meta ethics is not (observational, theoretical, experimental, none) lec 3 _____ **EXPERIMENTAL**
13. For which disease, personal health info should be disclose to family _____ **TUBERCULOSIS**
14. Religious thinkers believe that genetic screening is a sort of playing with _____ **GOD**
15. Advantage took place in 21st century in all of the following except _____ **NONE**
16. Use of viruses in genetic modification as vector increase the risk of _____ **CANCER INDUCTION**
17. The act which is not responding to trafficking ___ (use of force, threat, education, abuse of power)___ **EDUCATION**
18. Creation of sever sibling enable the identification of tissue match for an older sibling suffer from life threatening disease ___ **(HFE 1990 ACT)**
19. Cybernetics derived from Greek word _____ **GOVERNANCE**
20. According to Islam soul is added to the embryo after _____ **40 DAYS**

21. Neurodegenerative disease occurs at the age of 40 YEARS
22. Living will includes TREATMENT PLAN
23. Which one is the cause of global warming INCREASE IN CO₂
24. The idea of contaminant was used to prevent from the spread of communism by USA COLD WAR POLICY
25. One of the following is incorrect, which one option is it? (a. physician has responsibilities, b. patients has rights, c. If patient is mentally retarded than has no right at all, d. Patient should provide information to make decisions) Lec 19 ans;C
26. Which one is used to purify enzymes and sugar solution (moist heat, dry heat, membrane filter, autoclave) Lec 72 membrane filter
27. All metals are toxic except GOLD
28. Which one is not an intrinsic value ___ Value of birds/green, places/religious belief (other than these)
29. Who introduced bioethics...a.mike and fraud B. Richard and Thomas (c) Thomas and james (d) Donald and Carl
30. All of these are benefits of using animals in biomedical research but one of these is not one
 - a. benefit of animal research is enormous. B. ANIMAL CANNOT COMPLAIN ABOUT SUFFERING
 - b. Reduced pain experienced by them d. Good experience reduce the number of animals
31. Patients don't have right TO TERMINATE HIS LIFE
32. Biosafety depends upon STRICT GUIDELINES TO FOLLOW.
33. prevention of large-scale loss of biological integrity, prevention mechanisms, conduction of regular reviews - biosafety in laboratory settings, strict guidelines All
34. Spiritual treatments like yoga are useful for the patients of PSYCHOLOGICALLY DISTRESS
35. Animals are used recreationally except FOOD
36. which is not code of nurses NURSES AND FAMILY
37. All are the sources of increase in co2 level except USE OF SOLAR PANELS TO TRAP ENERGY
38. ___are making ethical values since 300 years ago (A scientists -B philosphers -C ethoists -D all)
39. Cybernetics is (A only mechanical B only biological C only philosophical D none) (because its related to all)*
40. Gene patenting is an INVENTION
41. which is keep at nearest and earliest place in lab so that every person can see it A FIRST AID KIT
42. Harvesting of human embryo violate second duties respect the value of human life
43. To be subject of a patent, an object must be a/an INVENTION NOT DISCOVERY
44. Which one is not required in personal health information PERSON HEALTH INFORMATION OF FAMILY
45. In Xeno-transplantations means we can transplant cells or organs FROM SPECIE TO ANOTHER SPECIE

46. The degradation of following cells releases the allergy causing chemicals such as histamine. MAST CELLS.
47. DNA consists of all except RIBOSE.
48. Designing babies can, the increase of human life span up to 30 YEARS
49. The scientific research is related to with ETHICS
50. Dolly sheep suffered RESPIRATORY DISORDER
51. Which one of the following is applied on the single on a local level BIOACCUMULATION
52. Which of the following is a climax forest TROPICAL RAIN FOREST
53. Animals that are used in walking and draughting are called BEAST OF BURDEN
54. The word science came from LATIN "SCIO"
55. Nanorobots when injected the treatment of cancer patient SEEK ONLY CANCEROUS CELLS
56. God had spoken through his commandment. TEN (10)
57. used in refrigerator as a coolant and destroy ozone layer AEROSOL SPRAYS
58. Human body containscells. 100 TRILLION
59. Our DNA is similar to chimpanzees. 98%
60. HGP stands for HUMAN GENOME PROJECT
61. Stem cells research is acceptable due to benefits THERAPEUTIC
62. Germ weapons, disease producing infectious agents used against humans, animal or plants BIOWEAPONS
63. In 1850s forces developed containment strategy. ANTI-SLAVERY
64. Removal of microbes including bacterial spores called STERILIZATION
65. Meta ethics means THEORETICAL
66. According to safety protocol taking excess amount of chemical in laboratory can result in the FUMES PRODUCTION
67. "Suddenly overwhelming and event occurring "Disaster definition is done by INTERNATIONAL RED CROSS COMMUNITY
68. Factors affected development of Bioethics except ETHICAL ISSUES RELATED TO ARTIFICIAL INTELLIGENCE
69. A patient cannot refuse the treatment. If A)HE/SHE HAVING AN INFECTIOUS DISEASE
70. prohibited mouth pipetting. WHO
71. Harvest of the fetus violates the RESPECT THE VALUE OF HUMAN LIFE
72. According to lab safety protocols, taking the excess chemical is B)CONTAMINATION OF LAB BY FUMES
73. special approval is required for the use of ANIMALS
74. Which is not a physical method to kill the bacteria (sterilized) CHLORINATION
75. what is the important advise for the reviewers of research grant proposed in the code of ethic

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76. Regulatory system in cybernetics can be ____ **STRUCTURES AND FUNCTIONS**
77. Unrequired event which occur suddenly is called ____ **DISASTERS**
78. Practice of using bio weapon in war is ____ **ANCIENT**
79. person who has genetically carrier ____ **D)HAVE CARRIER OF GENE BUT DON'T GAIN DISEASE, BUT EXPRESS IN NEXT GENERATION.**
80. Plagism is ____ **SUMMARIZE DISHONESTY**
81. Accident report will be written within ____ **FIVE DAYS**
82. A person purchases a glass ware should be noted ____ **BOROSILICATE**
83. Nano robots are used for the disease is ____ **CANCER**
84. embryo has.... **OWN RIGHTS**
85. earth came into being approximately... **3.5 BILLION YEARS AGO**
86. approximately ____ animals are used in USA for research ____ **26 MILLION**
87. in living will patient talk about ____ **TREATMENT PLAN**
88. Surgical delivery is recommended in case of ____ **CESAREAN SECTION (C-SECTION)**
89. dietary DNA is degraded by ____ **ENZYME**
90. in xenotransplantation graft of ____ **(ORGAN/TISSUE TRANSPLANTATION, DESIGNER BABIES)**
91. Microbes unlikely to cause disease are include ____ **WHO GROUP I**
92. which one of following is not disaster same as patenting gene (not confirm)
93. viruses is derived from... **toxin**
94. one the following will not define according to Aristotle ____ **(B)ETHICS AND MORAL THINKING WITH CONCEPT OF SIN**
95. the idea containment was used by.....as military strategy to contain spread of communis abroad ____ **USA**
96. hESCs obtained from ____ **BLASTOCYST STAGE**
97. Which famous philosopher ____ said people have their own rights. **peter**
98. Sometimes the knowledge that one is certain to suffer a serious and distressing condition is a burden too heavy to bear so **A) GENETIC COUNSELING IS ADVISED.**
99. favrsavr tomato 1994 is genetically modified tomato and has..... A, longer life cycle, no alien gene, improve taste , **ALL**