

Virtual University of Pakistan

Bt605 Biosafety & bioethics

Final Past Papers

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Bt605 recent papers from 1 to 5 Sep 2018

1. Physical elements
2. Japan legislation
3. Biological threats of bioweapons and their mitigation
4. Containment zone elements
5. First aid protective equipments
6. What facilities are present in BSL3 as compared to BSL4?

7. Function of advisory committee
8. What are surveillance elements 3
9. applications of biosafety rules?5
10. biosafety plan?3
11. equipment used in bsl3 5 points?5
12. applications of Biosecurity rules?
13. What are the activities of humans which change the fresh water into sewage?
14. Biosecurity plans?
15. Risk management logical views?
16. activities of biosafety officer?
17. Duties of technical committee?
18. Define biosafety level 2
19. which additional facilities in BSL4 as compared to BSL3.2
20. Define biosecurity (3)
21. applications of biosafety rules.3
22. Potential threats of bioweapons. (3)
23. Functions of technical advisory committee (5)
24. Name protective equipment in first aid. (5)
25. How risk can be reduced through risk management describe the logical process (5)
26. malicious risk group (10)
27. Bioweapons? 10
28. Facilities and apparatus use in BSL1 labs? 2
29. Surveillance and notification systems Physical Security elements?
30. What are the impact of the bioweapons?
31. How the radiation effect minimized?
32. What are malicious risk groups, what are their abbreviations, explain it? (10)
33. Objective of lab biosecurity?
34. Physical security.
35. Immunization of lab workers.
36. Duties of biosafety committee 3

37. Risks of ionizing radiation 5

MCQS

- a 70 year meat eating person eats approx a cows and goats and chicken
- Which is not fire option thy oil fuel oxygen
- Which is harmful for human lead, mercury, gold and arsenic
- Which not cause exposure to chemical inhalation ingestion needle stick and
- lab coat contamination
- Which is used as bioweapon mny anthrax lgaya hy option ni yad
- Emergency plan is done by?
- People access to information environment justice and all
- Cybernetic means
- To hack attacker are viruses worms and Torin horses and all
- Folic acid with wheat this transgenic plant is used to cure?
- Gmo in india are?
- aFla abbreviation?
- Yad a rhy hn but mix ho rhy hn...

#mcqs:

1. __ is required to import/export /sale/purchase genetically modified food
 - a. License from federal agency
 - b. License from institutal committee
 - c. License from PaEC
 - d. License from PCSIR
2. Gene therapy is not acceptable for
 - a. Down syndrome
 - B. Infertility
 - C. Cystic fibrosis
 - D. Leukemia
3. Risk assessment scheme assess potential hazard
 - a. By comparing variables

- B. Scoring system
- C. Both a and b
- D. Non of these 4. which is not fire
 - a. Heat B.
 - Oxygen
 - C. Fuel
 - D. Oil
- 5. Indian GMO's are also called alien species
- 6. Function of biosafety collaborating counter is
 - a. applied biosafety programs and things
 - B. Vaccine develop for aIDs
 - C. Risk function to decrease incidence of disease
 - D. Increase scientific output
- 7. Biosafety level 5 us for
 - a. Organic biology
 - B. Synthetic biology
 - C. Inorganic biology
 - D. Iss may b inorganic likha tha
- 8. Favr savr tomato 1994 k tha ek yaad nahi
- 9. animals used for workingband droughting are called
 - a. Devils of droughts B.
 - Slave animals
 - C. Beastsbof burden
 - D. Beasts of importance
- 10. Which statement is correct for Irreversible deferring decisions

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Biosecurity 3

Biosecurity plan 3

Biohazard is classified into four elements name them write their categories and name their substance 5

Bioweapons? And their threats and how they migrate 10

How immunization can be provided to fight against pathogens. 5

Name the things for protection in first aid kit

Name lab safety things 2

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almost 13 mcs was from mid .other were from final slybus
cybernetics (2) applications of biosafety rule? biosecurity ?
biosecurity plan?

how can immune the workers? elements of act

? functions of technical adversary committee

?5 first aid equipments ?5

bioweapons, its threats , and how can limit these threats?(10)

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Define immunity, innate and adaptive immunity in detail (10)

Method for microbial control in detail (10)

Method of microbial identifications (5)

Describe transduction, conjugation transformation (3)

Economical use of fungi (3)

Characteristics of aerophiles (2)

Difference between vertical and horizontal gene transfer (3)

Define plasmogamy, karyogamy and meiosis (3) bio safety?

Bsl2 precautions what you know about risk management?

included in bsl4 what safety measure required for tb lab. discuss transport

security element. write some activities of bio safety officer. biosecurity?

bsl4?risk management? measure required for tb lab?

Eutrophication

BT605-Biosafety & Bioethics (15-08-2017) Total

Q 45 36 Mcqs 5 short Q (2 and 3 marks)

1. Define biosafety?

2. Functions of physical security?
3. What are surveillance elements?
4. Duties of technical committee?
5. Immunization against pathogens?

Long Q 4 (5 and 10 marks)

1. What are bio weapons, discuss its threats? (10)
2. What are Malicious risk groups, explain it? (10)
3. Test tube baby? (5) 4. Explain biosafety rules and management? (5)

BT605 biosafety

1. Define biosecurity?
2. physical security? Long Q 4 (5 and 10 marks)
1. What are bio weapons, discuss its threats? 5
2. What are Malicious risk groups, explain it? 5 How risk can be reduced through risk management? 5

3. What are surveillance elements?

4. Duties of technical committee?

Bt 605 final Malicious risk group

5marks Bioweapons and threat

5marks

Function of technical advisory 5 marks

How risk reduce through risk management Surveillance element Immunizations of staff against pathogens Define biosecurity Biosafety rules BT605-Biosafety & Bioethics (16-08-2017)

Total Q 45 36 Mcqs 5 short Q (2 and 3 marks)

1. Define biosecurity?
2. physical security?

3. What are surveillance elements?

4. Duties of technical committee?

5. Immunization of staff against pathogens?

Long Q 4 (5 and 10 marks)

1. What are bio weapons, discuss its threats? 5

2. What are Malicious risk groups, explain it? 5

How risk can be reduced through risk management? 5