59. It was clearly mentioned on the label of Amoxycillin suspension that reconstitute the powder with cool boiled water but the patient reconstitutes it with milk. What type of medication error is it?

A. Incorrect preparation

- B. Incorrect rate
- C. Incorrect dosage form
- D. Incorrect duration

60. How much is the total amount of hazardous waste is generated by health-care activities?

> A. 20% B. 30% C. 40% D. 50%

SEQs Answer all questions, each question is 05 marks.

Pharmaceutics II

 Write down the methods of Ointment preparation.
 Differentiate between wet gum method and dry gum method of emulsion?

 What is sterilization? Explain methods of sterilization.
 What are the factors influencing the choice of 5. What should be the properties of a good packaging material?
6. What do you know about the quality assurance system of a pharmaceutical industry?

packaging material?

Pharmaceutics III

7. What are the methods which can be used to control hospital medicines?

 What do you mean by health accessories & surgical supplies write with examples.

 Define epidemiology & write main purposes of epidemiology.

10. What is health policy of Pakistan? What are the specific objectives of drug policy of Pakistan?

11. Write a note on pharmaceutical & hospital waste management & general guidelines for proper disposal of waste.

12. Write about the minimum elements of complete management program.

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www.examoo.com www.examoo.com	
9. What is the effectiveness of birth	54. Which of the following is a
control pills in family planning?	common pharmaceutical wast
A. 80%	A. Anatomic wastes (body parts
ww.B. 85% m www.cxamoo.com www.cxamoo.com	tissues)
C. 90%	B. Sharps waste (syringes, needle
D. 95%	and blades)
50. Which of the following is a	C. Chemical waste
communicable disease?	D. Test animal remains
A. Stroke	55. Which of the following is a
B. Heart attack	communicable disease?
C. Hepatitis	A Comparison of the second sec
D. Asthma	A. Congenital heart failure
	B. Pulmonary hypertension
51. Which of the following is a non-	C. Hypertension
communicable disease	D. Chicken pox
A. AIDS	56. What is the effectiveness of birth
B. Ebola	control injections in family
C. Covid	planning?
D. Cancer	A. 80%
52. All of the systems are used for	B. 85%
drug distribution in a hospital	C. 90%
EXCEPT	D. 99%
A. Individual Prescription Order	57. All of the following are health
System	accessories EXCEPT *.
B. Complete Floor Stock System	A. Blanket
C. The multi dose method	B. Wheel chair
D. Combination of (i) and (ii)	C. Hospital bed
3. STI stands for.	D. Cable
www.examoo.com www.examoo.com www.examoo.com	www.examoo.com www.examoo.com www.examoo.com
A. Sexually transmitted indication	58. Which route of administration
B. Sexually transmitted infection	used for OPV?
C. Sexually transferred infection	A. IM
D. Safely transmitted infection	
www.ctamoo.com	B. IV
	C. SC
	D. PO
	www.examoo.com www.examoo.com www.examoo.com
www.examoo.com www.examoo.com www.examoo.com	
www.examoo.com www.examoo.com	

49. What is the effectiveness of birth control pills in family planning?	54. Which of the following is common pharmaceutica
www.examoo.com www.examoo.com www.examoo.com ww	w.examoo.com www.examoo.com www.examoo.com
wwBer85%com www.examoo.com www.examoo.com ww	A. Anatomic wastes (body
www.examoo.com www.examoo.com www.examoo.com ww	tissues)
www.examoo.com www.examoo.com ww www.examoo.com www.examoo.com ww www.examoo.com www.examoo.com ww	B. Sharps waste (syringes, n and blades)
50. Which of the following is a	C. Chemical waste
communicable disease?	D. Test animal remains
A. Stroke	55. Which of the following is a
www.BarHeart attackamoo.com www.examoo.com ww	communicable disease?
C. Hepatitis	A. Congenital heart failure
D Asthma	
51. Which of the following is a non- communicable disease	e. nypenension
A. AIDS	56. What is the effectiveness of birth
B. Ebola www.examos.com	control injections in family
C. Covid	planning?
D Cancer	A. 80%
www.examoo.com www.examoo.com www.examoo.com	B. 85%
52. All of the systems are used for	C. 90°*
drug distribution in a hospital	v.examoo. D. 99% w.examoo.com www.examoo.com
EXCEPT w.examoo.com www.examoo.com ww	w.examoo.com www.examoo.com www.examoo.com
A. Individual Prescription Order System	57. All of the following are health accessories EXCEPT
B Complete Floor Stock System	A. Blanket
C. The multi dose method	B. Wheel chair
D Combination of (i) and (ii)	C. Hospital bed
www.examoo.com www.examoo.com www.examoo.com ww	Cable amount www.examou.com
53. STI stands for.	w.examoo.com www.examoo.com www.examoo.com
www.examoo.com www.examoo.com www.examoo.com ww	58. Which route of administration is
A. Sexually transmitted indication	used for OPV?
B. Sexually transmitted infection	A. IM
C Sexually transferred infection	D IV
D. Safely transmitted infection	C. CC
	v.examoo.com SC w.examoo.com www.examoo.com
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All of the following are operation theatre supplies EXCEPT	37. The
w.examoo.com www.examoo.com/serwww.examoo.com	an
A. Operating table	the
B. Protective cap	a www.cth
C. Electronic blood pressure	Α.
measuring machine	B,
D. Electronic treadmill	C.
33. What is meant by	D.
Pharmacotherapy?	www.cxa
A Madical transmission	38. W
A. Medical treatment by radiations	
B. Medical treatment by vaccines	
C. Medical treatment by isotopes D. Medical treatment by drugs	A.
34. Physician prescribed Cetrizine	B
tablet OD but the patient takes it	m www.exa
BD mistakenly. Which type of	C
medication error is it?	D
A. Incorrect preparation	39. W
B. Incorrect rate	d
C. Incorrect dosage form	
D. Incorrect duration	A
35. Which type of Pharmacists are	
experts in the therapeutic use of	n www.exa
medications.	m www.cxi
A. Community	m www.exa
B. Hospital	m www.exa
C. Consultant	n www.exa
D. Clinical	n www.exa
36 BCC is administered at a bit	n www.exa
36. BCG is administered at which age?	n www.exa
w.examoo.com www.examoo.com www.examoo.com	m www.cxa
A. At birth	m www.exa
B. 6 week	m www.exa
C. 10 week	m www.exa
D. 2 years	m www.exa
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The process of ensuring the right amount of medicine is available in the hospital is known by which of the following?
A. Inventory control B. Storage C. Record keeping D. Order system
8. WHO initiated EPI for children vaccination. IT stands for which of the following?
 A. Extended program on immunization B. Expanded program on immunization C. Expanded program initiative D. European payment initiative
39. Which of the following is the disadvantage of unit dose method system?
 A. Patients receive improved pharmaceutical service 24 hours a day. B. All doses of medication required at the nursing station are prepared by the pharmacy thus allowing the nurse more time for direct patient care. C. Increase volume of work in pharmacy
D. Allow the pharmacists to check a copy of the physician's original order thus reducing medication errors.
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 All of the following are operation theatre supplies EXCEPT A Operating table B Protective cap C. Electronic blood pressure measuring machine D. Electronic treadmill 3. What is meant by 	 37. The process of ensuring the right amount of medicine is available in the hospital is known by which of the following? A. Inventory control B. Storage C. Record keeping D. Order system 38. WHO initiated EP1 for children
A. Medical treatment by radiations B. Medical treatment by vaccines C. Medical treatment by isotopes D. Medical treatment by drugs	A. Extended program on immunization B. Expanded program on
34. Physician prescribed Cetrizine tablet OD but the patient takes it BD mistakenly. Which type of medication error is it?	immunization C. Expanded program initiative D. European payment initiative 39. Which of the following is the
A. Incorrect preparation B. Incorrect rate C. Incorrect dosage form	disadvantage of unit dose method system?
D. Incorrect duration 35. Which type of Pharmacists are experts in the therapeutic use of medications.	 A. Patients receive improved pharmaceutical service 24 hours a day. B. All doses of medication required at the nursing station are prepared by the pharmacy thus
A. Community B. Hospital C. Consultant D. Clinical	allowing the nurse more time for direct patient care. C. Increase volume of work in
A Al Dirth B 6 weak	D. Allow the pharmacists to check a copy of the physician's original order thus reducing medication errors.
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w.examoo.com www.examoo.com www.examoo.com	an at he is responsible left
3. How is the sedimentation of	27. Who is responsible for maintaining the quality of a product?
particles in a suspension	www.exaffic.queenewww.examoo.com
minimized?	www.examoo.com www.exaAp.Quality.www.examoo.com www.exaAp.Quality.www.examoo.com
w.examoo.com www.examoo.com www.examoo.com	Charles Charles and the second s
A. By increasing the particle size of	
wexamo the active ingredient www.examoo.com	
B. By increasing the viscosity of the	www.examoo.com www.exittawing option-beston
W.C.A.IIIOO.COIII . WWW.C.A.IIIOO.COIII WWW.C.A.IIIOO.COIII	28. Which of the following option best 28. Which of the following option best
medium	28. Which of the following option best explains NP with reference to the
C. By preventing the exposure of	explains St products?
drug to the solvent www.czamo.com	www.exanoo.com www.examoo.com www.examoo.com
D. By decreasing the particle size of	www.examon.com pyrogenic
the active ingredient	p Non plastic amos.com www.examos.com
	C Non protectant
24. Which of the following is a	D. Non parentral
substance added to the primary	www.examoo.com www.examoo.com is the amoo.com
solvent in small amount to	29. Which of the following is the
increase the solubility of a poorly	29. Which of the formetal cheapest of all the metal
soluble compound?	containers?
	www.examoo.com www.examoo.com www.examoo.com
A. Solvent amon com	A. Aluminum
B. Suspending agent	B. Steel www.examoo.com www.examoo.com
examo. C. Co solventnoo.com www.examoo.com	C. Tin www.examoo.com www.examoo.com
D. Emulsifying agent	D. Lead
25. Which of the following is the	a a a contraction and a contraction and a contraction
disadvantage of plastic material?	30. Which of the following is the
disadvantage of plastic interest	advantage of plastic containers?
A. Flexibility	www.examoo.com www.examoo.com www.examoo.com
B. Light in weight	A. Heavy in weight
C. Durability	B. Permeability of moisture
D. Stress cracking	C. Permeability of gases
examoo.com www.examoo.com www.examoo.com	D. Non breakable
26. Which of the following is the main	www.examoo.com
type of rubber used in parentral	PHARMACEUTICS -
containers sealing and packaging?	HOSPITAL AND COMMUNITY
examoo.com www.examoo.com www.examoo.com	
A. Butyl rubber	PHARMACY
B. Nitrile rubber	31 All of the fallent
C. Synthetic	31. All of the following are health
D. Natural rubber	accessories EXCEPT
	www.examo.Acombo.com www.examoo.com
	A. Thermometer
	B. Sphygmomanometer
v.examoo.com www.examoo.com www.examoo.com	C. Viscometer
	D. Towel and washcloths
	www.examoo.com www.examoo.com www.examoo.com
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	www.exampo.com www.examoo.com www.examoo.com

15. Which is the first step during the preparation of emulsion by wet gum method?	19. Which of the following material increases the flow of powder from hopper to the die of the tablet compression machine?
 A. One part of water and one part of acacia mixture is to be triturated B. Two parts of water and one parts of acacia mixture is to be triturated C. One part of water and two parts of acacia mixture is to be triturated D. The oil is mixed in acacia with mortar and pestle 	A. Magnesium stearate B. Talcum C. Titanium dioxide D. Silicon dioxide 20. Which of the following rays are most commonly used in the process of radiation sterilization? A. X-rays
Which type of APIs are unsuitable for wet granulation method?	B. β ryas C. Gamma rays D. UV rays
A. Heat labile B. Heat sensitive C. Ilygroscopic D. Synthetic	21. Which is a written document or instruction detailing all steps and activities of a process or
17. Which of the following can be the most suitable binder for the manufacturing of Ciprofloxacin tablets by way of wet granulation?	A. Work instructions B. Standard operating procedure C. GMP guidelines D. WHO instructions
 A. Magnesium stearate B. Avicel C. Silicon dioxide D. Starch 	22. If a parentral product contains light sensitive ingredients, which of the following types of glass can
18. What should be the ratio of oil water and acacia for the	be used as primary packaging material?
A. 1:1:2 B. 2:1:1 C. 1:2:1 D. 1:2:3	A. Amber glass B. Transparent glass C. Type 1 glass D. Type 11 glass
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15. Which is the first step during the preparation of emulsion by wet	19. Which of the following material
gum method?	increases the flow of powder from
CARIOO.COMWWWICZ2000.COM WWWICZ2000.COM	nopper to the die of the tablet
A. One part of water and one part of	compression machine?
monoral restances is to be triturated	
1 wo parts of water and one parts	A Magnesium stearate B. Talcum
. examos.co.01 acacia mixture is to be examos.com	C. Titanium dioxide
r.examoo.com www.examoo.com www.examoo.com	D. Silicon dioxide
C. One part of water and two parts	
stexamoo.comof acastra mitthire'is to be examoo.com	20. Which of the following rays are
examos.contriturated amos.com www.examos.com	most commonly used in the
D. The oil is mixed in acacia with	process of radiation sterilization?
mortar and pestle	1
Which type of ABL	A. X-rays
Which type of APIs are unsuitable	B. β ryas
for wet granulation method?	C. Gamma rays
A Heat labile www.examoo.com	www.co. D. UV rays
B. Heat sensitive	21. Which is a written document or
C. Hygroscopic	instruction detailing all steps and
D Synthetic	activities of a process or
And the second sec	procedure?
17. Which of the following can be the	www.examoo.com www.examoo.com www.examoo.c
most suitable binder for the	A. Work instructions
manufacturing of Ciprofloxacin	B. Standard operating procedure
tablets by way of wet granulation?	C. GMP guidelines
	D. WHO instructions
A. Magnesium stearate	www.examon.com www.examon.com www.examon.
B. Avicel www.examoo.com www.examoo.com	22. If a parentral product contains
C. Silicon dioxide	light sensitive ingredients, which
D. Starch	of the following types of glass can
18 What should be at	be used as primary packaging
18. What should be the ratio of oil	material?
water and acacia for the	www.examos.com www.examos.com www.examos.
 preparation of emulsion by bottle 	A. Amber glass
method?	B. Transparent glass
v.examoo.com www.examoo.com www.examoo.com	C. Type 1 glass
v.exa.fbol.d.d.www.examoo.com www.examoo.com	D. Type 11 glass
v.ex.B. 2:1:1 www.examoo.com www.examoo.com	www.examgo.conl www.examoo.com www.examoo.
C. 1:2:1	www.examoo.com www.examoo.com www.examoo.
D. 1:2:3	ww.examoo.com www.examoo.com www.examoo.
w.examoo.com www.examoo.com www.examoo.com	www.examoo.com www.examoo.com www.examoo
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8. What are the adverse effects of	12. Which of the following is prefere
permeation of gases, vapors or	pH in the preparation of
liquid through plastic containers	ophthalmic products that avoid
on drug?	discomfort upon instillation inte
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A. It stabilizes the shelf life of drug	ww.examoo.com www.examoo.com www.examoo.com
B. It changes the color of the plastic	w.examoo.c.M1 4,7 ww.examoo.com www.examoo.com
container	cxamoo.cB 6.8 ww.cxamoo.com www.cxamoo.com
C. It can initiate hydrolysis and	C. 7.4 www.examoo.com www.examoo.com
oxidation reactions	0.8 C
D. It can cause leakage in the	WWW.CXEMOU.COM WWW.CXEMOU.COM WWW.CXEMOU.COM
container	13. During the preparation of an
xamoo.com www.examoo.com www.examoo.com ww	extemporaneous preparation, y
9. Which of the following is the biggest	have been given some tablets to
limitation associated with the	crush and mix them with a syru
glass containers?	Which of the following ingredie
examoo.com www.examoo.com www.examoo.com ww	can be added to reduce the
A. Does not deteriorate	sedimentation and increase the
examos cB. Heavy amos com www.examos.com wy	suspensibility of powder?
C. Protection from UV light	www.examoo.com www.examoo.com www.examoo.com
xamoo.co D. Fragile moo.com www.examoo.com ww	A. Carboxymethyl cellulose sodiur
10. Which of the following is used as	B. Sodium ascorbate
an antioxidant in pharmaceutical	C. Sodium metabisulfite
preparations?	D. Citric acid
xamoo.com www.examoo.com www.examoo.com ww	14. Which of the following class of
xamoo.cA. Methyl paraben www.examoo.com	chemical agents are used to
B. Sodium propyl paraben amo om	maintain the pH of the injections
cxamoo Cu Sodium acetate www.cxamoo.com ww	institution the pri of the injections
D. Vitamin Coo.com	A. Solvents
11. Which of the following is the	B. Antioxidants
mirror to show actual image of	C. Buffers
	D. Preservatives
any pharmaceutical company?	w.examoo.com www.examoo.com www.examoo.com
A. SOPs examos.com www.examos.com ww	v.examoo.com www.examoo.com www.examoo.com
B Work instructions	w.examoo.com www.examoo.com www.examoo.com
C. Quality forms	w.examoo.com www.examoo.com www.examoo.com
D Documentation	w.examoo.com www.examoo.com www.examoo.com
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PHARMACEUTICS -INDUSTRIAL AND QUALITY CONTROL

- 1. Which of the following is an opaque, viscous, relatively soft, consistently spreadable, semisolid emulsion dosage forms that often comprise more than 20% water and volatiles and normally less than 50% hydrocarbons, waxes, or polyols as the vehicle for the drug substance?
 - A. Ointment B. Cream C. Paste D. Gel
 - 2. Which of the following can be used as a disintegrant during manufacturing of Paracetamol tablets by way of direct compression?
 - A. Titanium dioxide
 B. Microcrystalline cellulose
 C. Sodium acetate
 - D. Starch
 - 3. What is the role of wet screening in wet granulation of tablets?
 - A. Lubrication of tablets
 - B. Disruption of lumps and wet mass into particles ...
 - C. Converting large dry particles into smaller dry particles
 D. Proper mixing of granules

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	hich is the first step during the preparation of emulsion by dry gum method?
W.CX3 W.CX3 W.CX3 W.CX3 W.CX3 W.CX3	 A One part of water and one part of acacia mixture is to be triturated B. Two parts of water and one parts of acacia mixture is to be triturated C. One part of water and two parts of acacia mixture is to be triturated D. The oil is mixed in acacia with mortar and pestle
5. V	hich of the following is an example of tonicity modifier in sterile preparation?
	A. Phenol B. Lactic acid C. Sodium hydroxide D. Sodium chloride
6. 1	Which of the following equipment is used for slugging?
	A. ZP-19 B. Roller compactor C. Dry granulator D. Wet granulator
7.	How many types of glass containers are used to pack pharmaceutical products?
	A. 2 B. 4 C. 6 D. 8

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