**Health Team Relations – Semester Review**

***Section 1: Medical Terminology***

*1. Translate the following:*

Pericarditis Nephritis

Malpractice Osteoporosis

Rhinorrhea Thoracentesis

Hysterectomy Hematology

Erythrocyte Polycythemia

Cephalgia Hydrocephalus

Cardiologist Neuroplasty

*Translate the following medical orders into medical terminology:*

 2. Take four tablets three times per day by mouth with food.

 3. Patient needs six drops in the left ear every other day as needed for ear pain.

4. After Physical Therapy, take patient to the Operating Room for an electrocardiogram and an electroencephalogram.

 5. Past medical history includes: fat suction surgery in 2001, fast heart rate controlled with lorazepam 200 milligrams every day, and low blood pressure.

*Answer the following questions:*

6. If a patient has a sign that states NPO on their door, what would the nurse need to remember?

7. What is the difference in pt and PT?

8. What are two ways or writing “take twice daily”?

9. If a patient’s chart reads “take Tylenol QID”, what are two different time scenarios you could give the medicine to your patient?

10. Explain the connecting vowel rules when combining a prefix, root word, and suffix.

11. What is the origin of most medical terminology?

*Translate the following into English:*

12. Pt needs 4 tabs Tylenol QID QOD and prn myalgia.

13. Pt needs CXR, EEG, and CBC STAT.

14. 5 cc IM in R arm then give 100 mL IV after meals x10d.

15. Pt c/o bilateral otalgia x2d. Pt is NKDA & DNR.

16. CC: Myalgia x2D DX: Muscle Strain Tx:IBU 800mg PO Q6-8H prn myalgia

17. Pt in the OR for a uninephrectomy, hysterectomy, and cystogram. Needs VS in postop Q15min.

18. Dr. White needs leukocyte and erythrocyte test for c/o homophobia.

19. The M.D. examined the Pt. with an ophthalmoscope and otoscope and Dx her c glossitis & tachycardia.

20. IV of 1000cc Normal Saline x8 h, and the following medications: Cardiazem 50mg qid po , Robitussin 1tsp tid po , Nitroglycerin 1/150 gr. Qh prn chest pain

***Section 2: History & Trends***

21. Find the following words – once found, write two facts next to each word, about each word, next to the word in the word bank (that’s a lot of words!)

**R N S C E J N N L U H G C V N S Q V X Q W F T J X**

**O E M I C L F O Z T B A M P R E K X R R V H V N Y**

**M G T O G I A J S E K O N M O S G Z V A Y K I T R**

**A E F G T M P G P R P L O U E V M R L I Z D O A U**

**N T C K W T U C N B A I N M S E G A E L D D I M T**

**S N O O L R A N R E A C I L J Y L R P E T T W U N**

**G E M L E X F H D T T T N D X L X C E J K X I H E**

**J O B L N H Y D J F E H B E C X Q D K F A S E V C**

**P R I J E T J Z J V R I G L B G O G C V G X G H H**

**R M K Y A X E K I V P E A I P H A H Z O I H P I T**

**L L Y X Q Q R T F S M R U D N D Y B I E F L W P P**

**Z E Y B J G I A N K A O A D W E P E Y X I U Y P T**

**V H O C H M J A L B Z F D V A M C E G H J X J O I**

**K L O G I L I D A R K A G E S B Y N D A C C V C K**

**N I F R V T V R J O L H M A Q R T C E S R D W R X**

**G W P Q P Q T S E K B M I T H I H L N R V S A A X**

**Q M G Y O O X F S A L K A N D S A B I N O K G T N**

**N K G V N H Z I P Q D F Y R Y D K D H G V L V E U**

**P E U G U R I Q Z M X V R X R X S A R T R C F S Y**

**V A K C N W O T I P E V Q C J K Q A Z P I L S T Z**

 **BENCARSON**

**CLARABARTON**

**DARKAGES**

**EGYPTIANS**

**FLORENCENIGHTENGALE**

**GREEKS**

**HIPPOCRATES**

**MIDDLEAGES**

**PRIMITIVETIMES**

**ROMANS**

**SALKANDSABIN**

**SIGMUNDFREUD**

**THCENTURY**

**WILHELMROENTEGEN**

22. Write the time periods that we went over, in order, and write one key event or person that happened during each one.

23. Explain the difference in the three females we studied – Florence Nightingale, Clara Barton, and Elizabeth Blackwell.

24. Explain cost containment and give 4 examples of how hospitals might use this.

25. Why is outpt surgery cheaper than inpt surgery? Give three reasons.

26. What is holistic care and name the 5 types of wellness they focus on. Give an example for each of the types of wellness.

27. Explain trepanation – what time period it was used, what it was used for, and three possible complications that could happen.

28. Match the following person with the contribution to medicine:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Joseph Lister |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Rene Laennec |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Robert Koch |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Louis Pasteur |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Clara Barton |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Edward Jenner |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Sir Alexander Fleming |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Florence Nightingale |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Wilhelm Roentgen |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Benjamin Franklin |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Jonas Salk |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Hippocrates |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Anton van Leeuwenhoek |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Benjamin Carson |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Christian Barnard |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Elizabeth Blackwell |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Francis Crick and James Watson |

|  |  |  |
| --- | --- | --- |
| \_\_\_  |  | Sigmund Freud |

 |  |

|  |  |
| --- | --- |
| A. | "Father of Microbiology" - Proved germs caused disease and they can be destroyed through pasteurization. Created a vaccine for rabies |

|  |  |
| --- | --- |
| B. | Discovered X-rays by accident |

|  |  |
| --- | --- |
| C. | Performed 1st successful heart transplant |

|  |  |
| --- | --- |
| D. | First female physician in the United States |

|  |  |
| --- | --- |
| E. | Father of Medicine - wrote the Hippocratic Oath |

|  |  |
| --- | --- |
| F. | Formed the American Red Cross |

|  |  |
| --- | --- |
| G. | Invented the first stethoscope out of wood |

|  |  |
| --- | --- |
| H. | "Founder of Modern Nursing" -Invented the call bell. Started 1st school for nurses. |

|  |  |
| --- | --- |
| I. | His studies were the basis for psychology and psychiatry |

|  |  |
| --- | --- |
| J. | Discovered the polio vaccine |

|  |  |
| --- | --- |
| K. | Discovered penicillin |

|  |  |
| --- | --- |
| L. | separated Siamese twins and he has refined a surgery on the brain to stop seizures |

|  |  |
| --- | --- |
| M. | Invented microscope lens that allowed us to see organisms |

|  |  |
| --- | --- |
| N. | Used carbolic acid on wounds to kill germs - 1st doctor to use antiseptic during surgery |

|  |  |
| --- | --- |
| O. | Invented bifocals and found out that colds could be spread from one person to another |

|  |  |
| --- | --- |
| P. | Developed vaccine for smallpox |

|  |  |
| --- | --- |
| Q. | Developed the culture plate method and discovered the bacteria that caused TB |

|  |  |
| --- | --- |
| R. | Described the structure of DNA and won the Noble Prize |
|  |  |

 |

***Section 3: Health Care Systems & Insurance***

29. Name 4 services a health department would offer and give an example for each one of something you could get done at that clinic.

30. Explain the difference in a general hospital and specialty. Give 2 examples of each.

31. What is an industrial health center? Name 2 examples of who would have one and 2 examples of when someone might go to one.

32. What do the following stand for and provide to the U.S/World?

 WHO:

 USDHHS:

 NIH:

 CDC:

 FDA:

 AHCPR:

 OSHA:

33. Explain the difference in a PPO & HMO.

34. Compare and contrast Medicare Type A & Type B.

35. Who can get Medicaid and what does it cover?

36. Use the insurance card to answer the following questions:

Deductible $350

Co-insurance after deductible is met 60/40

Rx Co-pay $15 \*no deductible or co-insurance for RX

**Aetna Insurance Co.**

Alex Martin

DOB 5/16/1990

Subscriber ID AESA78657

Group # T7634

*Secondary Holder*

Bethany Martin

DOB 4/3/2015

 A. Who is the primary holder of the insurance and

how old is he?

 B. Who is Bethany and how old is she?

 C. Does Alex work? How do you know?

 D. What does the subscriber ID tell you?

 E. Alex has his first appointment of the year at his primary care doctor for a sore throat. The charges for that appointment come to $168. How much does he have to pay? \_\_\_\_\_\_\_\_\_ How much does his insurance have to pay?\_\_\_\_\_\_\_\_\_\_ Tell me the reasoning for your answer.

 F. Alex has his second appointment at a dermatology clinic. His bill comes to $264. How much does he have to pay for this appointment?\_\_\_\_\_\_\_\_ How much does his insurance have to pay?\_\_\_\_\_\_\_ Tell me the reasoning for your answer.

 G. Bethany has her first appointment and it’s at the local ER. Her bill comes to $656. How much is she responsible for? \_\_\_\_\_\_\_How much is her insurance company responsible for? \_\_\_\_\_\_\_ Tell me the reasoning for your answer.

 H. At Alex’s dermatology appointment he is given 4 prescriptions. The bill comes to $178. How much is he responsible for?\_\_\_\_\_\_ How much is his insurance responsible for?\_\_\_\_\_\_ Tell me the reasoning for your answer.

 I. Bethany has to go for outpatient surgery 2 weeks after her ER visit and is charged $18,765. She is d/c with 6 prescriptions totaling $225. How much does she have to pay for the surgery?\_\_\_\_\_\_\_ How much does she owe at the pharmacy?\_\_\_\_\_\_ How much does her insurance owe for the surgery?\_\_\_\_\_\_\_ How much does her insurance owe for the prescriptions?\_\_\_\_\_\_\_ Explain your reasoning for the entire surgery and prescriptions.

37. If your dad is hurt on the job and has to go to the hospital – who pays for this?

38. Explain Tricare:

 Who can get it?

 What did it used to be called?

 How much do you usually have to pay?

***Section 4: Professional Qualities of a Healthcare Worker***

39. List 5 attributes of professional appearance.

40. List 5 attributes of non-professional appearance.

41. Define and give a *healthcare* example of each:

Empathy:

Honesty:

Dependability:

Willingness to learn:

Patience:

Acceptance of criticism:

Enthusiasm:

Self-motivation:

Tact:

Competence:

Responsibility:

Discretion:

42. Explain the three categories of communication barriers and give an example of how you can help prevent this or help with a situation involving this.

43. Write a SOAP note for the following pt (add details to make it complete): 43 y.o African American male. CC: R leg painx6 days. Takes Ibuprofen 800mg Q6h prn. NKDA.

 S:

 O:

 A:

 P:

44. List the 3 types of leaders and give a brief explanation of each.

45. List the problem solving method and give an example using it to complete a social studies project.

46. What are 4 ways you can take a break from stress?

***Section 5: Health Care Careers***

47. List the degrees in order and include how long it takes to complete each one.

48. Define the following and give a healthcare example of each:

 Multi-competent worker-

 Entrepreneur-

49. You are at your regular dental checkup. List the 3 professionals you would see and a brief description of what they would do.

50. Why would you go see an optometrist instead of an ophthalmologist? Give an example of when the optometrist might need to send you to an ophthalmologist.

51. Write the initials of the physicians below. Also, write what degrees they need to obtain these initials.

Doctor of Medicine (\_\_ \_\_) Doctor of Osteopathy (\_\_ \_\_)

Doctor of Podiatry (\_\_ \_\_ \_\_) Doctor of Chiropractics (\_\_ \_\_)

52. Write what the following doctors tx and give an example of a dx they might give.

Anesthesiologist

Cardiologist

Dermatologist

Gastroenterologist

Gerontologist

Gynecologist

Neurologist

Obstetrician

Oncologist

Ophthalmologist

Orthopedist

Otolaryngologist

Pathologist

Pediatrician

Radiologist

Thoracic surgeon

Urologist

53. Write what the following nursing initials stand for and list what kind of degree they need to obtain these.

CNA LPN

ADN BSN

MSN

54. When doing a vision exam, what is the chart called that you use and what is used to cover the patient’s eye?

55. What are the educational and job detail differences in a Pharmacist and a Pharmacy tech?

56. Explain the anatomical locations of the following heart rate sites:

 Radial: Apical:

57. Explain body mechanics and 2 things to remember when using them.

***Section 6: Legal & Ethical issues in Healthcare***

58. Define the following and give a healthcare example for each:

 Malpractice

Negligence

Assault and battery

Informed Consent

Invasion of privacy

False imprisonment

Abuse

Defamation

Slander

Libel

59. If you cannot form a contract, you are considered \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_. Who would fall under this category and why would this impact healthcare?

60. Privileged communication is:

61. Explain the following Advanced Directives:

 Living Wills

Durable Power of Attorney (POA)

62. What is the Patient Self Determination Act (PSDA) 1990?

63. As a nurse, what should you do should an ethical dilemma arise in your hospital?

***Section 7: Cultural Diversity in Healthcare***

64. Give 2 examples of the following:

 Culture:

 Ethnicity:

 Race:

65. List 3 techniques for non-English speaking patients

66. You have 6 patients with the following cultures, list 2 beliefs they each might have:

 South African

 Asian

European

Hispanic

Middle Eastern

Native American

67. What are 3 religions that might have an impact on healthcare decisions? Explain each one.

68. Explain the difference in the following:

Spirituality Religion

Atheist Agnostic

69. List 3 different ways to show respect for a patient’s spiritual beliefs and practices.

***Section 9: Medical Math***

70. List the 11 conversions we memorized in this unit.

71. Using those conversions, solve the following:

 340mL = \_\_\_\_\_\_ tsp

 201kg = \_\_\_\_\_\_\_lbs

 64 oz = \_\_\_\_\_\_\_cc

 96F = \_\_\_\_\_\_\_c

72. The physician orders Lasix 20 mg IV stat for a child weighing 34 lbs. The pediatric handbook states that 1 mg/kg is a safe initial dose. Should you give this dose?

73. Your MD orders you to give 25mg of Diphenhydramine to your patient having a mild allergic reaction. It comes packaged as 50mg/1ml in a vial. How many mls do you draw up?

74. Your first dose of Lidocaine calls for 1.5mg/kg. Your patient weights 176 Lbs. Lidocaine comes packaged as 100mg/5ml. How many mls are you giving your patient?

75. Your 75yr. old pt is requiring morphine sulfate. Medical control wants you to 5 mg IV. Morphine sulfate comes in a vial 4 mg/ml. How many mls do you need?

76. List the roman numerals and write them by 1’s, 10’s, and 100’s.

77. Translate the following in roman numerals or Arabic.

 3876

 342

 38

 2319

 1002

 856

 CDLXXIV

 DCCXLVI

 MDCLXXXIX

 MMMXXXIX

 MMMDCLXXXVIII

 CDXLVI

 XCIV