**Band 5 Staff Nurse Test Paper**

**Cohort Assessment Day**

Please write your name below, clearly in capital letters

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Date test completed: …………………………………………….

**General Instructions**

Hello and welcome to the West Hertfordshire Hospitals Band 5 Staff Nurse Assessment Day.

Within West Hertfordshire Hospitals NHS Trust we are seeking to employ nurses who have the right level of knowledge, skills and competence to safely care for our patients.

In order to assess your ability we have devised an assessment paper that comprises of a written scenario and drug calculations. In addition to these tests you will also be interviewed by a panel of nurses.

In order to pass the assessment you will need to achieve the following scores:

**Written scenarios**

**Scenario 1**

The answer to this scenario must include nursing assessments, care plans, charts and referrals that are considered essential to patient safety and optimum care. A minimum of 10 answers must be noted. These are highlighted on the answer sheet.

**Scenario 2**

A minimum of 7 answers should be given. These are highlighted on the answer sheet.

**Drug calculations**

A score of 10/10 is required to achieve a pass.

If you are unsuccessful in achieving the required pass mark but are successful at interview you may be given the opportunity to retake the test a second time

You will have 30 minutes in total to complete both tests.

Please ensure you have read the questions carefully and write your answers clearly in the space provided.

Good Luck

**Scenario 1**

An 80 year old man is admitted from a care home following a fall. He is intermittently confused and receiving oral antibiotics for a urine infection. He has a category 2 pressure ulcer on his heel that is cared for in the community.

Please explain what you would do as a nurse in terms of initial nursing assessments, care plans, charts and referrals.

**INITIAL NURSING ASSESSMENT:**

|  |
| --- |
| **1.**Greet the patient and introduce yourself and also your role to the patient. |
| **2.**Provide comfortable position and safe environment to the patient. Explain about the hospital policies and call bell system. |
| **3.**Check the vital signs and also check for any injury such as cuts, scrapes, bruises and fractures. |
| **4.**Obtain proper history of the patient and also about the incident of fall, collect it from the person who was there at the place of fall. |
| **CARE PLAN:**  **5.**Provide psychological support to the patient and assess the use of mobility assistive devices in transferring the patient. |
| **6.**Carryout all the investigation and procedures ordered by the doctor and ensure that you explain all the procedures and obtained consent from the patient. |
| **8.**Have a review of the patient medication with the doctors and ensure that the wound dressing is intact. Administer the antibiotics at regular interval of time. |
| **CHARTS AND REFERRALS:**  **9.**Use morse scale for the fall risk assessment and to prevent further fall. Use PUSH scale to access the pressure ulcer healing level. |
| **10.**Have a dietitian referral for diet modification and also provide physio therapy to attain proper strength and mobility. |

**Scenario 2**

While caring for Mr Walker he suddenly becomes drowsy and only rousable to voice. You take his observations and they are the following –

O2 Saturations – 93% on air

Pulse – 120

Blood Pressure – 100/50

Temperature – 38.2

Respiratory Rate – 24

AVPU - Voice

What do you think might be wrong with Mr Walker and what actions would you take?

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| 2. |
| 3. |
| 4. |
| 5. |
| 6. |
| 7. |
| 8. |
| 9. |
| 10. |
| 11. |
| 12. |
| 13. |

**Assessment 2: Medicines Management – Drug Calculation**

Please answer the following 10 questions.

You are able to use a calculator and BNF to assist you.

There is a blank sheet at the end if you need this for your calculations.

1. IV Paracetamol is dispensed in bottles of 1gm/100ml. Your patient is prescribed 500mg. How many mls do you need?

Ans:

Dose ordered / Dose on hand \* quantity on hand

1gm =1000mg

500mg / 1000mg \* 100ml = 50ml.

1. Patient is prescribed 80mg of furosemide. Tablets are available in 40mg. How many tablets will the patient need?

Ans:

Dose ordered / Dose on hand

=80mg / 40mg = 2tablets.

1. You have 1L of 1000mls 5% dextrose that needs to be given over 12 hours. How many mls an hour would this run at?

Ans:

Total Volume to be infused in ml / Time in hours

=1000ml / 12 hrs = 83.3ml/hr.

1. You need 40mg of prednisolone. The tablets come in 5mg strength. How many tablets will you dispense?

Ans:

Dose ordered / Dose on hand

= 40 / 5 = 8 tablets.

1. A patient is prescribed 100mg Tramadol 3 times a day. The tablets come in the strength of 50mg per tablet. How many tablets will the patient take per day?

Ans:

Total dose per day is 300mg.

Dose ordered / Dose on hand = 300mg / 50mg =6 tablets.

1. Covert the following to micrograms –

1.75mg

1 milligram = 1000 micrograms

1.75 \* 1000 = 1750 micrograms.

2.5mg

* 1. \* 1000 = 2500 micrograms.

1. Oramorph is available at a concentration of 10mg/5mls. Patient is prescribed 25mg. How many mls will you need?

Ans:

Dose ordered / Dose on hand \* available quantity on hand

=25mg / 10mg \* 5ml =12.5ml.

1. A patient is prescribed herparin 10,000 units S/C. The strength available is 4000 units in 0.2ml. What is the volume in ml that the patient will receive?

Ans:

Dose ordered / Dose on hand \* available quantity in ml

= 10,000 units / 4,000 units \* 0.2ml = 0.5ml.

1. A patient who weighs 65.5kg is prescribed the antibiotic Cidomycin 2.5mg/kg/day I.V. Calculate the dose in mg of Cidomycin.

Ans:

Total body weight \* dose /kg of body weight.

= 65.5kg \* 2.5mg = 163.75mg.

10. A patient is prescribed 60mg codeine 4 times a day. The available strength is 30mg per tablet. How many tablets would they take per day?

Ans:

Total prescribed dose per day is 240mg

Dose ordered / Dose on hand = 240mg / 30mg =8 tablets.