

UNIVERSITY OF FORT HARE

NBG 122 E

SUPPLEMENTARY EXAMINATIONS

JANUARY 2020

TIME: 3 HOURS

SUBJECT: FUNDAMENTAL NURSING SCIENCE

MARKS: 100

This paper consists of 5 pages including cover page

EXAMINERS:

MODERATOR

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MRS T. MTISE

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INSTRUCTIONS:

ANSWER ANY FOUR (4) QUESTIONS

Question 1

1 Match the statements in column A with the items in column B. Write only the QUESTION NUMBER and the item in column B e.g. 1.1 a)

COLUMN A	COLUMN B
1.1 Fracture	a) A joint injury, partial or complete pulling
1.2 Haemophilia	b) Loss of blood from vascular system with reduction of circulating blood volume.
1.3 Genu valgum	c) Application of force, which can pull two structures apart towards each other.
1.4 Blood transfusion	d) Condition of circulatory failure characterised by low blood pressure.
1.5 Anaemia	e) Scarlet red blood, spurts at regular intervals correspond with heartbeat.
1.6 Haemorrhage	f) Bow legs.
1.7 Splints	g) Break in the continuity of a bone.
1.8 Venous haemorrhage	h) Administration of blood and specific blood components.
1.9 Genu varum	i) Genetic disorder causes brittle bones.
1.10 Sprain	j) The devices used to immobilise or support body parts and joints.
1.11 Strain	k) Disease resulting from deficiency of clotting factors.
1.12 Fracture	l) Reduction below normal of oxygen-carrying capacity of blood.
1.13 Osteogenesis imperfecta	m) An injury to a muscle or tendon as a result overstretching.
1.14 Shock	n) Dark or purplish-red blood flow weak and even.
1.15 Arterial haemorrhage	o) Knock-knees.
	p) Inflamed joints.
	r) diminished production of blood cells.

(1X15=15)

1.2 Miss L is admitted in a surgical ward for an elective abdominal operation. She is anxious and apprehended. She has never been done an operation before and is worried that she might not be able to wake up after the operation.

- 1.2.1 Explain the indication for surgery 3
- 1.2.2 Describe the types of informed consent 7

[Marks 25]

Question 2

2.1 Mr G, 40-year-old male is admitted in a medical ward with a history of vomiting blood for the past two days. He is a known alcoholic who has been admitted in the ward several times with the same complaint. This admission he looks severely ill, shocked and might be in need of a possible blood transfusion.

- 2.1.1 List types of shock 2½
- 2.1.2 List signs and symptoms of blood transfusion reaction 3½
- 2.1.3 Describe clinical features of late shock 7
- 2.2. Explain the common post-operative actual and potential problems 5
- 2.3. Discuss the nursing care of a bleeding patient 7

[Marks 25]

Question 3

Mr P, a 50 year old is admitted in a surgical ward with a septic wound on the left foot. He claims he sustained a fall whilst cleaning a roof five days ago. He states that he has been dressing the wound at home using home remedies but he has noticed that the wound is not getting better.

3.1 Fill in the missing word related to types of wounds. Write only the number and the missing word E.g. 3.1.1 Open wound.

- 3.1.1 Small deep wound caused by sharp instrument 1
- 3.1.2 A closed wound caused by a blunt instrument..... 1

3.1.3 A wound with irregular wound edges.....	1
3.1.4 A superficial open wound caused by friction.....	1
3.1.5 A cut in the skin and underlying tissues made by a sharp instrument.....	1
3.2 Describe the characteristics of an ideal dressing	3
3.3 Explain aspects to be considered during wound assessment	5
3.4 Describe systematic factors that affect wound healing	5
3.5 Explain the immediate pre-operative care (Day of surgery)	7
	[Marks 25]

Question 4

Miss C, a 35-year-old mother of two has been recently diagnosed with terminal lung cancer and is unconscious for the past three (3) days. She is devastated about this recent development in her young life and feels hopeless and broken especially when she starts thinking about her young 3-year-old daughter that is not performing well cognitively at pre-school.

4.1 Define the following:	
4.1.1 Unconsciousness	2
4.1.2 Palliative care	2
4.1.3 Describe the rights of a dying patient	4
4.1.4 Describe Kubler-Ross's five stages of a patient coping with a terminal illness.	7
4.2 Early childhood development	2
4.3 Discuss complications of wounds	8
	[Marks 25]

Question 5

5.1 State whether the following statements are TRUE or FALSE in relation to orthopaedic conditions, e.g. 4.1.2 TRUE.

5.1.1 Osteomyelitis is the condition commonly in children and adolescents and poorly nourished and immune compromised adults can be affected.	1
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- 5.1.2. Osteoarthritis is a chronic non-inflammatory degenerative joint disease in which there is progressive loss of articular cartilage and capsular fibrosis. 1
- 5.1.3 Osteoporosis is a metabolic muscular disorder characterised by general reduction in the skeletal bone mass and susceptibility to fractures. 1
- 5.1.4 Gout is a form of arthritis associated with hyperuricemia whereby uric acid crystals precipitate from the body and are deposited in the joints and connective tissue. 1
- 5.1.5 Rheumatoid arthritis is an autoimmune disease that causes symmetrical inflammation of the muscles, starting with synovial membrane resulting in pain and deformity. 1
- 5.2 A 70 year old female has been admitted in your ward, complaining of severe pain and shortening of the left lower limb, after falling in bed when trying to turn. Because of her age, you are concerned that she might have sustained a fracture.
- 5.2.1 List types of fractures 4
- 5.2.2 Discuss the nursing care of a patient after application of a cast (Casting). 6
- 5.2.3 Discuss the essential health education to be given to a patient with a cast 5
- 5.3 Describe factors that contribute to the delay of developmental milestones 5

[Marks 25]