

UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES
GENERAL NURSING SCIENCE DEPARTMENT
FINAL EXAMINATION
DECEMBER 2017

COURSE NAME: SEXUAL AND REPRODUCTIVE HEALTH

COURSE CODE: GNS 319

TOTAL MARKS: 75

DURATION OF PAPER: 2 HOURS

INSTRUCTIONS: THIS PAPER CONSISTS OF THREE QUESTIONS
ANSWER ALL QUESTIONS
EACH FACT IS WORTH 1 MARK
WRITE LEGIBLY

DO NOT OPEN THE PAPER UNTIL INSTRUCTED BY THE INVIGILATOR.

SECTION 1:

For questions 1-15, select the most appropriate response. Eg. 1-B

1. Which of the following describes the suspensory ligament of the penis?
 - a. It is a condensation of the abdominal subcutaneous tissue
 - b. It surrounds the penis like a sling
 - c. It connects the linea alba to the pubic symphysis
 - d. It connects the erectile bodies of the penis to the pubic symphysis
2. Which of the following correctly describes Peyronies disease?
 - a. A congenital condition where one is born with their urethral opening on the ventral aspect of the penis.
 - b. A condition where the prepuce fits tightly over the glans and cannot be retracted.
 - c. An abnormal curvature of the penile shaft caused by a build-up of scar tissue
 - d. Painful erections without any sexual stimulation
3. The main risk factor for testicular cancer is:
 - a. Cryptorchidism
 - b. Orchitis
 - c. Mumps
 - d. HPV infection
4. Which vitamin has been found to prevent and further destroys cancer cells
 - a. Vitamin A
 - b. Vitamin B₃
 - c. Vitamin C
 - d. Vitamin D
5. When is the appropriate time to perform SBE:
 - a. During her period
 - b. 5 to 7 days before her period
 - c. 5 to 7 days after her period
 - d. 2 weeks after the period
6. How many minutes are recommended for one to spend on each breast to correctly perform SBE?
 - a. 3min
 - b. 6min
 - c. 8min
 - d. 10min

7. Which HPV strains cause Genital warts?
- HPV 6 & 11
 - HPV 16 & 18
 - HPV 17 & 19
 - All of the above
8. Which HPV strains cause cervical Cancer?
- HPV 6 & 11
 - HPV 16 & 18
 - HPV 17 & 19
 - All of the above
9. The advantages of COC's include the following EXCEPT:
- Increases bone density
 - Controls acne
 - Decreases the incidence of Ovarian Cancer
 - Reduces the risk of breast cancer
10. The following are possible differential diagnosis for endometriosis EXCEPT:
- Dysmenorrhoea
 - Vaginitis
 - Ectopic pregnancy
 - Cystitis
11. Nikiwe is 36 years old, nulliparous and complains of lower abdominal pain and occasional lower back pain, heavy and prolonged period, constipation with difficult micturition and dyspareunia. She is not married. She has never used contraceptives. Nothing abnormal was detected in her urine specimen. An ultrasound showed uterine growths. What is the most likely diagnosis for Nikiwe?
- Endometriosis
 - Leiomyoma
 - PID
 - Cervical polyps
12. Musa has been diagnosed with infertility. During assessment, it was discovered that he has an extra X chromosome that impairs fertility. What condition is Musa suffering from:
- Klinefelter's syndrome
 - Kellmann Disease
 - Chordee
 - Wilson's Syndrome

13. Bhekiwe (29 years) has been married for 6 years now. She does not enjoy intercourse and lately, her desire for sexual activity has significantly declined. What kind of sexual dysfunction does Bhekiwe have?
- a. Anorgasmia
 - b. Sexual Aversion Disorder
 - c. Hypoactive Sexual Disorder
 - d. All of the above.
14. One of the following statements is true of Alprostadil:
- a. It produces erection that lasts for 5-15 minutes
 - b. The use of this drug is contraindicated when the woman is pregnant
 - c. It is administered directly into the penis
 - d. All of the above
15. This type of breast cancer often starts from ducts and spread to the nipple and surrounding areas, and frequently presents with itching and burning of the areolar skin and nipple.
- a. Adenoid cystic cancer
 - b. Inflammatory breast cancer
 - c. Invasive ductal carcinoma
 - d. Paget's disease of the breast

For question 16-20, indicate whether the following statements are TRUE or FALSE.

16. Hormonal contraceptives increase the risk for infertility
17. A grave danger associated with Jadelle is that it can migrate to other parts of the body and cannot be detected through an X-ray.
18. The IUCD is likely to cause birth defects to the baby should the woman become pregnant with it.
19. You need to worry about breast cancer only when it runs in your family.
20. The efficacy of Implanon is lowered by Rifampicin and Efavirenz.
21. Describe the warning signs associated with IUD? (5)

[TOTAL=25]

SECTION 2

QUESTION 1

Moses (46 years) is an auditor working for SRA. His wife Mbali (39) is a lawyer with her own firm. Despite the intensity and demands of their jobs, the couple remains devoted to their faith and are active members in their church. When they got married 12 years ago, they decided to develop themselves professionally and stabilise their finances before having children, hence Mbali has used the IUD for 9 years. As she approaches 40, she has been considering having a baby and Moses also feels that they are ready. It is almost two years (19 months) since Mbali removed the IUD but they have not been able to conceive. She reports that she has had irregular menstrual periods, and would sometimes miss up to 3 cycles. The couple is worried and they visited the health facility for help. Both are not on any treatment. They reported to engage in pleasurable, unprotected coitus at least 3-4 times a week.

Assessment:

Moses: Bp 150/92mmHg, RBS- 4 mmol/L, Weight 90kg, Height. 1.75
Hobbies: Watching European Soccer (does not miss a game), playing piano and video gaming.
No structural abnormalities identified. He does not drink alcohol or smoke, but hangs out with his friends who smoke a lot.

Semen Analysis:

	Semen	Results
1.	Volume	3ml/ejaculation
2.	pH	6.7
3.	Liquefaction time	18min
4.	Sperm count	4M/ml
5.	Sperm Morphology	55%
6.	Sperm Motility	44%
7	WBC	0.05

Mbali: Bp- 120/76mmHg, RBS 12mmol/l, Weight 88kg, Height 1.55m.
Hobbies: reading and watching movies. Pelvic Ultrasound: showed Polycystic Ovarian syndrome.

- 2.1.1 Explain why the couple can be regarded as infertile [2]
- 2.1.2 Explain the semen analysis results and how they contributes to Mandla’s infertility [14]
- 2.1.3 Immediately after the insertion of IUD, the health care provider can anticipate that the client may experience vasovagal syncope. Explain the etiology of this reaction and how it can be managed? [2]
- 2.1.4 With reference to the scenario, discuss the pathophysiology of PCOS and how it relates to Mbali’s infertility. [7]

[TOTAL=25]

Question 2:

Simo (19 years) is frustrated by the stigma and the discrimination from his community. From early adolescence, despite his male anatomical features, he has displayed female mannerisms, dresses like a lady and wears makeup and female hairstyles. He has a strong desire to change his sex and to be treated as a female, however, the community of Mafucula does not respond as he wishes. One time they had to leave church because the sermon was condemning and the Pastor actually made reference to their family as “hypocrites and serving their father the devil”. His family is supportive but his father had plainly told him that he was disappointed and doesn’t regard him as his own. Last week, a gang of men who are not apologetic for their action raped him. The alleged perpetrators proudly argue that they “were correcting moral wrongs”. Not surprisingly, the nation’s response is divided, while some feel bad for Simo and call for justice, others are not bothered and secretly think that he got what he deserved. This issue has caused Simo a lot of distress and anxiety that he is thinking of dropping out of college, and twice, he contemplated suicide. He tells you that he feels like he is “a woman trapped in a man’s body” and wished that people understood.

- 2.2.1 Describe the condition that Simo might be having (2)
- 2.2.2 As a nurse in your community, explain how you can manage this case to help Simo face the society without fear? (3)
- 2.2.3 Discuss the Emergency Care and treatment of survivors of sexual assault (15)
- 2.2.4 Internet Pornography is regarded as a virtual plague against men and their sexual functioning. It is considered even more problematic for the adolescents than older men. Describe the Coolidge effect in respect to pornography and explain how it may adversely affect the adolescents’ sexual functioning later in life (5)

[TOTAL=25]

GOOD LUCK!!!
