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Zagazig University

Collage: Faculty of nursing

Third year exam

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Final exam

Subject: Maternal And Newborn Health Nursing

Time: 3hours

Total score :120marks

Number of paper 11

Date:14/5/2016

I. Indicate whether the sentence or statement is true or false (Total: 40 marks).

- 1 Obstetric trauma is a major risk factor of genital prolapse
- 2 Normally, the uterus is anteverted, retroflexed
- 3 In the 3rd degree uterine prolapse, the cervix descends below its normal level on straining but doesn't protrude from the vulva
- 4 Varicosities during pregnancy may result due to relaxation of the smooth muscles of the veins by the action of progesterone
- 5 The presence of previous uterine scar may determine the route of delivery of the present pregnancy
- 6 Ultrasonography is one of the optional tests that is used during pregnancy.
- 7 The fetal heart rate is auscultated during uterine contractions to assess fetal condition
- 8 When the fundus of the uterus is palpated at the level of the umbilicus, the gestational age is 18 weeks
- 9 Pregnancy decrease liability of stone formation and infection
- 10 Gastric motility decreased during pregnancy by increase progesterone production
- 11 Heart rate increase by 50% during pregnancy
- 12 Anterior pituitary increase in size and activity during pregnancy.
- 13 Renal blood flow increased during pregnancy by 50 % in 2nd trimester.
- 14 Before pregnancy uterus weight 50gm and become 1kgm at full term.
- 15 Severe headache is a danger signs of pregnancy
- 16 Ova are produced by the fallopian tubes in the female body.
- 17 Menstrual flow and urine exit from the female body through the same opening.
- 18 The uterus is anterior to the large bowel

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- 19 The most fertile time during the menstrual cycle are days 26-28.
- 20 The first 14 days of the menstrual cycle is the secretory phase.
- 21 Ovulation occurs as a result of a surge in progesterone
- 22 Gonadotrophic releasing hormone (GnRH) is secreted from the hypothalamus.
- 23 The wall of the uterus consists of three layers, perimetrium, myometrium and endometrium
- 24 The perimetrium is shed every month as a result of the menstrual cycle.
- 25 The fetal head has an occipital and two frontal bones
- 26 The signs and symptoms of the active labor include shortening and dilation of the cervix
- 27 -2 or -3 station respectively this mean engagement
- 28 The 2nd stage of labor starts with true labor pain and ends with full cervical dilatations 10 cm
- 29 Cervical dilatation is takening up of the cervix during first stage of labor
- 30 Bloody show is mucous stained with blood
- 31 Effacement is thinning of the cervix, described as a percentage
- 32 Episiotomy is the surgical enlargement of the vagina during birth
- 33 Enlarged or bulging of fetal fontanels may indicate increased intracranial pressure
- 34 In multipara engagement may occur any time before or after the onset of labor due to the laxity of the abdominal & uterine muscles
- 35 Uterine contractions are the primary power of labor during the first stage
- 36 When the cervix is fully dilated 10 cm the woman voluntary pushing with the contractions
- 37 Vaginal examination is indicated when a woman has bleeding
- 38 Station is measured from the level of ischial spine in the maternal pelvis
- 39 Amenorrhea means heavy menstruation
- 40 Uterine contraction during active labor is irregular

- 41-What is sure signs of pregnancy:
 - a- Amenorrhea.
 - b- Breast changes.
 - c- Ultrasound examination.
 - d- Urinary frequency.
- 42- In normal pregnancy what is false in urinary changes:
 - a- Increase blood urea.
 - b- Increase urinary stasis.
 - c- frequency of micturition
 - d- Physiological hydro ureter.
- 43- Stroke blood volume during pregnancy:
 - a- Increased
 - b- Decreased.
 - c- Doesn't change.
 - d- Doubled
- 44- In normal pregnancy what is false about gastrointestinal tract changes.
 - a- Morning sickness.
 - b- Increase salivation
 - c- Constipation .
 - d- Decrease piles
- 45-At 36 week of pregnancy uterus felt at level of:
 - Xiphoid process.
 - Midway between xiphoid and umbilicus.
 - · Umbilicus.
 - Symphysis pubis.
- 46- In normal pregnancy what is false about skeletal changes:
 - a. Kyphosis.
 - b. Low backache.
 - c. Carpal tunnel syndrome.
 - d. Relaxation of pelvic ligament.

47-Warning symptoms of pregnancy include all of the following except a. Morning sickness b. Swelling of face c. Cessation of fetal movement. d. Blurring of vision. 48-Pigmentation of face and checks during pregnancy is called a. Chadwick signs b. Goodlling signs c. Cholasma d. Melasma 49-A woman is classified as primpara if she has a. Delivered a live born baby b. Had one abortion c. Never been pregnant d. Had only one pregnancy 50-Chadwick signs means a. Bluish discoloration of vaginal mucous b. Uterus palpable at level of umbilicus c. Lower uterine segment Softness d. Perception of fetal movement 51-The pregnant woman may experience minor ailments, which include the following except: a- Nausea and vomiting. b- Vaginal bleeding. c- Varicosities. d- Pica. 52-Abdominal examination is done during pregnancy to determine the following except: a- Signs of pregnancy. b- The amount of amniotic fluid. c- Assess fetal health. d- Diagnose the location of the fetal parts. 53-Dark line of pigmentation at the midline between the umbilicus and symphysis pubis that appear during pregnancy, this define the term a- Linea nigra b- Pica. c- Strae gravidarum.

e- Cholasma gravidarum.

54-When the fetal lie is transverse, the fetal head is palpated at the:

- a- Fundal grip.
- b- Lateral grip.
- c- First pelvic grip.
- d- Second pelvic grip.

55-Pawlick grip is done after 36 weeks and is used to determine:

- a- Polarity.
- b- Effacement.
- c- Ballotment.
- d- Engagement.

56-When the fetal presentation is cephalic, and the back is palpated at the right umbilical grip the fetal heart rate is auscultated:

- a- Below the umbilicus, on the left side.
- b- Below the umbilicus, on the right side.
- c- Above the umbilicus, on the right side.
- d- Above the umbilicus, on the left side.

57-The fundal height is detected at the symphysis pubis during pregnancy at gestational age:

- a- 18 weeks.
- b- 20 weeks.
- c- 8 weeks.
- d- 12 weeks.

58-Pregnant women in the second trimester should attend antenatal visits:

- a- Every month.
- b- Every 2 weeks.
- c- Every week.
- d- With any complaint.

59-The approximate weight of products of normal pregnancy is:

- a- 11-13 kg.
- b- 6-8 kg.
- c- 15-17 kg.
- 8-10 kg.

60- The dimensions of the non-pregnant uterus are:

- a. $10 \text{ cm} \times 7.5 \text{ cm} \times 5 \text{ cm}$
- b. $7.5 \text{ cm} \times 5 \text{ cm} \times 2.5 \text{ cm}$
- c. 30 cm × 22.5 cm ×20 cm
- d. $8 \text{ cm} \times 6 \text{ cm} \times 3 \text{ cm}$

- 61- The following is a function of the uterus:
 - a. Stores urine prior to voiding
 - b. Produces hormones regulating the menstrual cycle
 - c. Prepares of the endometrium for implantation
 - d. Forms the placenta
- 62- Which hormone is involved in the menstrual cycle?
 - e. Prolactin
 - f. Progesterone
 - g. Pepsin
 - h. Parathyroid hormone
- 63- Gonadotrophic releasing hormone (GnRH) stimulates the release of which hormone of the following?
 - a. Progesterone
 - b. Estrogen
 - c. Luteinising hormone
 - d. Prolactin
- 64- Corpus Luteum is responsible for producing the following hormone
 - a. Estrogen
 - b. Progesterone
 - c. Follicle Stimulating Hormone
 - d. Luteinizing hormone
- 65-Which of the following symptoms do women commonly experience during the menstrual cycle?
 - a. Abdominal pain
 - b. Nausea and irritability
 - c. Widespread vesicular rash
 - d. Photophobia
- 66-Where are Luteinizing hormone (LH) & Follicle Stimulating hormone (FSH) produced?
 - a. Hypothalamus
 - b. Anterior Pituitary
 - c. Posterior Pituitary
 - d. Adrenal Glands

	67-In a normal 28 day menstrual cycle when to expect the LH surge to occur?
	a. Days 8-10
	b. Days 11-13
	c. Days 14-16
	d. Days 17-19
	68-At which day of the menstrual cycle the women is most fertile?
	a. Days 1-5
	b. Days 9-16
	c. Days 17-21
	d. Days 22-28
	69-The following are functions of progesterone except
	a. Inhibition of oestrogen production
	b. Stimulation of oestrogen production
	c. Initiation of the secretory phase of the endometrium
	d. Increase in basal body temperature
	70-At which stage of the uterine cycle does the menstrual phase occur?
	a. Days 1-5
	b. Days 5-14
	c. Days 14-28
	d. Days 21-28
	71-Where does fertilization of the egg by the sperm typically occur?
	a. Vagina
	b. Uterus
	c. Fallopian tube
	d. Ovary
	72-During the phase of menstruation, the lining of the uterus
	rebuilds.
	a. Menstrual
	b. Proliferative
	c. Secretory
	d. The lining of the uterus rebuilds continually
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- 73-The menstrual cycle is triggered each month by
 - a. The release of blood from the uterus
 - b. The buildup of the lining of the uterus
 - c. Hormones
 - d. Sexual intercourse
- 74-The menstrual cycle is a result of
 - a. The female body preparing to give birth
 - b. The female body preparing for pregnancy
 - c. The female body preparing to produce milk
 - d. The female body preparing for old age
- 75-During the ovarian cycle, ovulation occurs
 - a. During the period of menstrual flow
 - b. During sexual intercourse
 - c. When estrogen levels are very low
 - d. During the surge in LH and FSH concentration.
- 76-The uterus return to non-pregnant size in postpartum period within
 - a. 2 weeks
 - b. 5 weeks
 - c. 8 weeks
 - d. Immediately after labor
- 77- The suture lying between the frontal and parietal bones is known as:
 - a. Frontal
 - b. Sagittal
 - c. Coronal
 - d. None of the above
- 78-The average biparietal diameter of a full term fetus is:
 - a. 8.5cm
 - b. 9.0 cm
 - c. 9.5 cm
 - d. 10cm
- 79-The presenting part is characterized by:
 - a. It is the lowermost part of the fetus
 - b. It is the part felt by abdominal examination
 - c. It is the face with longitudinal lie
 - d. It is the elbow with transverse lie

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	d. All of the above				
	b. Intermittent c. Radiating to the back				
	a. Regular	de			
	87-True labor pains are characterized by being:				
	d. All of the above				
	c. Expulsion of the show				
	b. Cervical dilatation				
	86-Onset of labor is indicated by a. Uterine contractions				
	86-Onset of labor is indicated by	, she			
	d. Left cornu				
	c. Lower uterine segment				
	b. Cervix				
	85- Peak contraction pressures are generated in a. Fundus	the:			
	05 P 1				
	d. Are typically in-coordinate	-she			
	c. Show fundal dominance				
	b. Show polarity				
	84-Uterine contractions during labor are charact EXCEPT: a. Start in the upper segment	terized by	all of the follo	wing	
	d. Right occipito-posterior		11 0.1		
	c. Right occipito-transverse	.44			
	b. Right occipito-anterior				
	a. Left occipito-ariterior				
	83- The first position In vertex presentation is:				
	d. Scapula				
	c. Frontal bone				
	b. Sacrum	(Aud			
	82-The denominator in case of brow presentati a. Occiput	on is:			
	d. Brow				
	b. Vertex c. Breech				
	a. Cephalic				
	81- The presentation in which the fetal neck is	extended	is called:		
	d. Position				
	c. Lie				
	a. Presentation b. Attitude				

88-The physician asks the nurse to assess the duration of a laboring client's contractions. The nurse assesses the client's contractions by timing from the beginning of one contraction: a. Until the time is completely over b.To the end of a second contraction c. To the beginning of the next contraction d.Until the time that the uterus becomes very firm 89-When does labor start? a. At the time of full dilation of the cervix b. At the time when the maximum circumference of the fetal head has descended below the pelvic rim c. At the time when rhythmic, expulsive uterine contractions resulting in the dilation of the cervix begin d. At the time of complete cervical dilation when the patient begins to feel the urge to bear down 90-When does the 1st stage of labor start and end? a. From the time of full cervical effacement to the delivery of the fetus b. From the delivery of the fetus to the expulsion of the placenta From the start of uterine contractions to the full cervical dilatation effacement of the cervix d. This period corresponds to the first 2 hours following the delivery of the placenta III:- Matching: Match each item with the correct statement below.(5 marks) Cervix Menstruation b. Sterility f. Erection Vulva Uterus d. 1 Hollow muscular organ that receives and holds a fertilized ovum. _. 2 The opening to the uterus. . 3 The external female reproductive organs 4The process of shedding the lining of the uterus . 5Permeant inability to conceive

VI: Answer the following question (15 marks)

- 1) Nursing instruction given to postpartum women before discharge from hospital (6)
- 2) Mrs. Fatma attend to gynecological outpatient complain of something slipping out from vagina when she cough or sneeze. (Read the above statement carefully and answer the following questions)
 - Write nursing diagnosis(3)
 - What are nursing care instruction that is essential to relive this complain.(6)

Good luck