

# Question Paper

Exam Date & Time: 21-Sep-2021 (10:00 AM - 12:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION - SEPTEMBER 2021  
SUBJECT: BSN 401 - MIDWIFERY AND OBSTETRICAL NURSING

Marks: 50

Duration: 120 mins.

Section Duration: 20 mins

- 1) When you are teaching Mrs. N about proper diet during pregnancy, if Mrs. N understands your instructions regarding her calorie requirement, which of the following statement would be appropriate? (1)

"I need about 300 Kilo calories extra in my diet"

"I need approximately 500 Kilo calories extra in my diet"

"I need about 700 Kilo calories extra in my diet"

"I need about 900 Kilo calories extra in my diet"

- 2) At the beginning of the third trimester, an antenatal mother reports that she is having some discomfort in her lower back. What should the nurse check? (1)

Amount of milk the antenatal mother usually drinks

Her Bowel habits

Her Bladder habits

Posture and the type of shoes the antenatal mother usually wears

- 3) Which of the following movement is necessary for the birth of the head in a fetus? (1)

Abduction

Adduction

Extension

Hyperextension

- 4) The client asks the nurse, "Why she has to take only fluids while in labour?". After providing an explanation, which of the client's statements would indicate to the nurse that the teaching has been effective? (1)

Eating solid foods during labour is unnecessary

Intravenous fluid will be started if I get hungry

Most clients don't get hungry during labour

There is a delay in emptying of the stomach in labor

- 5) A primiparous woman on the first day after delivery complains of afterpains. The nurse will relieve it by: (1)

Ensuring client performs Kegel's exercise

Massaging the back  
Massaging the perineum  
Massaging the uterus and expulsion of clots

- 6) What is the term used for the failure of uterus to return to its normal size after delivery? (1)

Endometritis  
Involution  
Retraction  
Subinvolution

- 7) A newborn baby who is just delivered, is placed in skin-to-skin contact with his mother. The whole body is covered with a blanket except his head. His hair is still wet with amniotic fluid. What is the most likely type of heat loss this baby may experience? (1)

Conductive  
Convective  
Evaporative  
Radiating

- 8) A woman who is Rhesus negative undergoes amniocentesis at 16 weeks of gestation. What is the dose of Anti D immunoglobulin, she should receive immediately after the procedure? (1)

250 IU  
500 IU  
1000 IU  
1500 IU

- 9) In a multipara, an arrest of fetal descent is diagnosed at station + 2 with the occiput in the transverse diameter. The fetal weight is estimated to be 3600 g. When Muller-Hillis maneuver was applied, the fetal head was felt to descend by 1 cm and rotated internally by 30°. Which of the following is the best therapeutic option at this time? (1)

Administration of Oxytocin  
Cesarean delivery  
Reassessment of fetal weight by ultrasound  
Vacuum extraction

- 10) A mother delivered a baby at 34 weeks of gestation. The sucking reflexes were very weak. On the 5<sup>th</sup> day after birth, the neonate was diagnosed to have jaundice. What should be the peak level of the Bilirubin value (mg/dL) in a preterm diagnosed with physiological jaundice? (1)

14  
15  
16  
17

- 11) Which among the following initial step of resuscitation is used to resuscitate a post-term infant with thick meconium-stained liquor? (1)

Determine the Apgar score  
Dry and stimulate the baby if flat  
Provide Positive Pressure Ventilation  
Suction the hypopharynx

- 12) Mrs. A is diagnosed with preeclampsia and treated with Magnesium Sulfate. Which medication should the nurse keep as standby to treat any adverse effects of Magnesium Sulfate? (1)

Calcium carbonate

Calcium gluconate

Naloxone

Oxytocin

- 13) A 32-year-old primi woman at seven weeks of gestation, comes to the emergency department with severe abdominal pain and vaginal bleeding. An abdominal examination reveals tenderness in the left lower quadrant. Laboratory investigation reveals a serum beta-hCG concentration of 6200 mIU/mL. An abdominal and transvaginal ultrasound shows an empty uterus. Which of the following is the likely diagnosis of this woman? (1)

Molar pregnancy

Ruptured ectopic

Spontaneous  
abortion

Threatened preterm

- 14) Methylergometrine (Methergine) is prescribed to a patient who is having postpartum bleeding. Before administering the medication, the nurse discusses with the physician who prescribed the medication, whether the patient has the following condition: (1)

Acute gastroenteritis

Hypotension

Ischemic Heart

Disease

Uterine atony

- 15) The nurse when assessing the lochia on the 4<sup>th</sup> postnatal day, notes that the lochial discharge is offensive and copious. Which of the following could be the most appropriate interpretation? (1)

Obstetrics palsies

Postpartum hemorrhage

Puerperal sepsis

Pyelonephritis

- 16) A couple is seen in the fertility clinic. After several tests it has been determined that the husband is not sterile, and the wife has non-patent fallopian tubes. The nurse is preparing the couple for the procedure of In-Vitro Fertilization (IVF). Which of the following statement by the woman or her husband would indicate a need for further education? (1)

A fertilized ovum is transferred in to a women's uterus

Ova and sperm are collected and allowed to incubate

The procedure is the method of medically assisted reproduction

The procedure is performed through artificial insemination of  
sperm

- 17) Which among the following is a traditional method of family planning where a man withdraws his penis from his partner's vagina and ejaculates outside the vagina? (1)

Abstinence

Coitus interruptus

Rhythm method

Symptothermic

- 18) Which among the following element passes through placenta by simple diffusion? (1)

Amino acids

Calcium

Cholesterol

Oxygen

- 19) The longest antero-posterior diameter on the fetal skull is: (1)

Mento-vertical  
Occipito-frontal  
Sub-mento vertical  
Sub-occipito bregmatic

20) Perinatal death rate is: (1)

Sum of abortion and fetal death rates  
Sum of the fetal and infant death rates  
Sum of the fetal and neonatal death rates  
Sum of pregnancy and birth rate

**Answer all the questions.**

**Essay:**

1. Mrs. F, 28 year old primigravida has come to the antenatal OPD with complaints of nausea and vomiting. Answer the following in relation to this.

1A) Explain the minor discomforts of pregnancy with management (7)

1B) Describe the antenatal advices to be given to the pregnant woman (3)

**2. Short Notes:**

2A) Phases of menstrual cycle. (5)

2B) Characteristics of Lochia. (5)

2C) Management of hyperemesis gravidarum. (5)

2D) Explain meconium aspiration syndrome. (5)

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**MANIPAL ACADEMY OF HIGHER EDUCATION****FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2021****SUBJECT: BSN 406 - MANAGEMENT OF NURSING SERVICES AND EDUCATION (ESSAY)**

Tuesday, September 21, 2021

Time: 10:20 – 12:00 Hrs.

Maximum Marks: 30

✍ **Answer ALL the questions.**

✍ **Essay:**

1. Explain the following in relation to 'material management of a hospital'.

1A. Steps of material management

1B. Types of inventory control (Any two)

(6+4 = 10 marks)

2. **Short Notes:**

2A. Prepare a 3-day orientation schedule for a group of newly joined 20 staff nurses to a 550 bedded hospital.

2B. Ms. X was appointed as the Nursing Superintendent of a hospital. Explain any two leadership styles which Ms. X can apply to manage the hospital and staff effectively with relevant examples.

2C. Explain clinical facilities required to start a new school of nursing as per Indian Nursing Council.

2D. Discuss the current trends and issues in nursing administration.

(5 marks × 4 = 20 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FOURTH YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2021**  
**SUBJECT: BSN 403 – COMMUNITY HEALTH NURSING - II (ESSAY)**

Thursday, September 23, 2021

Time: 10:20 – 12:00 Hrs.

Maximum Marks: 30

✍ **Answer ALL the questions.**

✍ **Essay:**

1. Explain “Maternal and Child Health (MCH)” under the following headings:

1A. Antenatal care under MCH

1B. Immunization schedule

1C. Roles and responsibilities of a community health nurse

(5+3+2 = 10 marks)

2. **Short Note:**

2A. Enumerate the major health problems in India.

2B. Describe the steps in home visit.

2C. List the uses of health records.

2D. Explain the strategies for Malaria elimination.

(5 marks × 4 = 20 marks)

