

**BACHELOR OF PHYSIOTHERAPY  
SIXTH SEMESTER  
PT IN OBG & GYNECOLOGICAL CONDITIONS  
BPT – 602  
(USE OMR SHEET FOR OBJECTIVE PART)**

**SET  
A**

Duration: 3 hrs.

Full Marks: 70

Time: 30 min.

( Objective )

Marks: 20

Choose the correct answer from the following:

1×20=20

- Prolapse of uterus occurs as a result of:
  - Weakening of the uterine walls
  - Weakening of the bones
  - Weakening of the pelvic musculature
  - None of above
- What is perimenopause?
  - The stage immediately after menopause
  - The stage before menopause characterized by hormonal fluctuations
  - The period of time during which a woman is fertile
  - The phase of the menstrual cycle immediately before menstruation
- Which of the following conditions may be treated with a hysterectomy?
  - Adenomyosis
  - Abnormal uterine bleeding
  - Chronic pelvic pain
  - All of the above
- Urinary incontinence is caused due to problems in the -
  - Nervous system
  - Lower urinary tract
  - Both of the above
  - None of the above
- Polycystic ovary syndrome (PCOS) is a hormonal disorder characterized by:
  - Absence of menstruation
  - Irregular or infrequent menstrual cycles
  - Excessive menstrual bleeding
  - Painful menstruation
- Stress incontinence is typically caused by:
  - Weak pelvic floor muscles
  - Overactive bladder muscles
  - Neurological disorders
  - Bladder outlet obstruction
- Which factor increases the likelihood of multiple pregnancies?
  - Maternal age over 25
  - Still birth
  - Assisted reproductive technologies (ART)
  - None of the above
- Hormonal regulation of menstruation is mainly controlled by which gland in the body?
  - Ovaries
  - Adrenal glands
  - Hypothalamus
  - Pituitary gland
- What is the term for a pregnancy with three or more fetuses?
  - Multipara
  - Multifetal gestation
  - Multigravida
  - Multiparity

10. The pelvic floor muscles are composed of:
  - a. Skeletal muscles
  - b. Smooth muscles
  - c. Cardiac muscles
  - d. Ligaments
11. Which of the following types of hysterectomy involves the removal of the uterus and cervix?
  - a. Total hysterectomy
  - b. Partial hysterectomy
  - c. Radical hysterectomy
  - d. Supra cervical hysterectomy
12. The primary cause of osteoporosis in postmenopausal women is:
  - a. Hormonal imbalance
  - b. Sedentary lifestyle
  - c. Calcium deficiency
  - d. Estrogen deficiency
13. Which hormone is primarily responsible for triggering ovulation?
  - a. Estrogen
  - b. Progesterone
  - c. Follicle-stimulating hormone (FSH)
  - d. Luteinizing hormone (LH)
14. The most common type of surgical repair for pelvic organ prolapse is:
  - a. Pelvic floor exercises
  - b. Pessary placement
  - c. Hysterectomy
  - d. Sacrocolpopexy
15. Ovarian cystectomy is contraindicated in cases where:
  - a. The cyst is small and asymptomatic
  - b. The cyst is causing severe pain and complications
  - c. The patient desires fertility preservation
  - d. There is a history of previous cystectomy
16. Mental health refers to:
  - a. The absence of mental illness
  - b. The ability to cope with stress and function effectively
  - c. The absence of physical health issues
  - d. The absence of emotional challenges
17. The surgical incision made during a cesarean delivery is typically:
  - a. Vertical, from the navel to the pubic bone
  - b. Horizontal, just above the pubic hairline
  - c. Diagonal, extending from one side of the abdomen to the other
  - d. Determined based on the specific needs of the mother and baby
18. During which phase of the menstrual cycle does ovulation occur?
  - a. Menstrual phase
  - b. Proliferative phase
  - c. Secretory phase
  - d. Luteal phase
19. Which of the following is the most common route of transmission for syphilis?
  - a. Unprotected sexual intercourse
  - b. Sharing contaminated needles
  - c. Vertical transmission from mother to baby during childbirth
  - d. Blood transfusion
20. Behavioral modifications for managing urinary incontinence may include:
  - a. Avoiding all fluids to reduce urine production
  - b. Drinking caffeine and alcohol in moderation
  - c. Smoking cessation
  - d. Engaging in high-impact exercises

**( Descriptive )**

Time : 2 hrs. 30 min.

Marks : 50

*[ Answer question no.1 & any four (4) from the rest ]*

1. A 46-year-old women presents to your clinic with a chief complaint of leakage of urine. She reports that she leaks when she coughs or sneezes. She is otherwise healthy, does not smoke, and takes no medications. Her history is significant for three vaginal deliveries. Write in detail of the physiotherapy assessment and management of the above condition. 10
  
2. How are hormones involved in the regulation of menstruation, and what are some common menstrual disorders associated with hormonal imbalances? Write about postmenopausal and premenstrual syndrome. 10
  
3. How can physiotherapy be beneficial during labour?write about the importance of aerobic exercise during pregnancy. 10
  
4. What are the processes involved in childbirth? Mention the factors that contribute to multiple births?Write about child birth complication and their investigation. 10
  
5. A 50 years old women presents to your clinic with a chief complaint of feeling heaviness or something coming down in the abdomen. Write in detail about the common surgical procedure use in this condition and PT management for the same. 10
  
6. Define pregnancy? What all are the physiological changes seen in pregnancy? Write a short note on termination of pregnancy and its complications. 10

7. A 25 years old women has come with a complain of pelvic pain or discomfort, which may be constant or intermittent and abdominal bloating or swelling along with menstrual irregularities, such as heavy or irregular periods or missed periods.write in detail about the commonly used surgical procedure for above mentioned condition and PT management for the same. 10
8. A 50 years old women has come with a complain of dull, aching, or sharp pain and worsen with movement or physical activity along with weak and brittle nail, leading to increased breakage and splitting and has history of fracture of metatarsal bone with minimal fall. Write in detail about the condition and PT management for the same. 10

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