

**BACHELOR OF PHYSIOTHERAPY  
SIXTH SEMESTER  
PT IN OBG & GYNECOLOGICAL CONDITIONS  
BPT – 602 [REPEAT]**

**SET  
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 min.

( Objective )

Marks: 20

*Choose the correct answer from the following:*

*1×20=20*

- Which of the following hormones is not secreted by human placenta?
  - hCG
  - Estrogen
  - LH
  - None of the above
- Menopause starts at the of
  - 20-30 years
  - 10-16 years
  - 45- 55 years
  - 35-45 years
- Which hormone is decreased in the menstrual cycle causing menstruation?
  - LH
  - Progesterone
  - Estrogen
  - None of the above
- Which type of hysterectomy is the least invasive?
  - Total abdominal hysterectomy
  - Vaginal hysterectomy
  - Laparoscopic hysterectomy
  - None of above
- What is the purpose of mucus plug during pregnancy?
  - To initiate labor
  - To regulate hormone level
  - To nourish the fetus
  - To prevent bacteria from entering the uterus
- Which demographic group is most at risk for developing osteoporosis?
  - Adolescents
  - Young adults
  - Postmenopausal women
  - Middle aged men
- Which structure provides the major support to the uterus and cervix
  - Cardinal ligaments
  - Round ligaments
  - Uterosacral ligaments
  - Broad ligaments
- 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
- After menopause a woman become more prone to develop osteoporosis because
  - Fall in LH level
  - Fall in ostreogen level
  - Increase in ostreogen level
  - None of the above

10. Urinary incontinence is caused due to problems in the -
  - a. Nervous system
  - b. Lower urinary tract
  - c. Both of the above
  - d. None of the above
11. The term fetus is used in pregnancy for:
  - a. Upto 0-2 weeks
  - b. Upto 0-4 weeks
  - c. Upto 2-6 weeks
  - d. Beyond 9 weeks
12. Stress urinary incontinence occurs due to -
  - a. Excessive mental stress
  - b. Weakness of the muscles of the urinary bladder sphincter or the pelvic floor
  - c. Increased tone of bladder muscle
  - d. None of the above
13. Bleeding in the 3<sup>rd</sup> trimester with no uterine contraction of pain and no dilation of cervix indicates:
  - a. Complete abortion
  - b. Threatened abortion
  - c. Missed abortion
  - d. None of the above
14. Which of the following conditions may be treated with a hysterectomy?
  - a. Adenomyosis
  - b. Abnormal uterine bleeding
  - c. Chronic pelvic pain
  - d. All of the above
15. The external genitalia of the female are collectively called the
  - a. Clitoris
  - b. Mons pubis
  - c. Labia
  - d. Vulva
16. Polycystic ovary syndrome (PCOS) is a hormonal disorder characterized by:
  - a. Absence of menstruation
  - b. Irregular or infrequent menstrual cycles
  - c. Excessive menstrual bleeding
  - d. Painful menstruation
17. During which semester the foetus develops most of its organs and systems
  - a. 1<sup>st</sup> trimester
  - b. 2<sup>nd</sup> trimester
  - c. 3<sup>rd</sup> trimester
  - d. None of the above
18. Stress incontinence is typically caused by:
  - a. Weak pelvic floor muscles
  - b. Overactive bladder muscles
  - c. Neurological disorders
  - d. Bladder outlet obstruction
19. Which physiotherapy technique is often used to strengthen the pelvic floor muscles in women?
  - a. Ultrasound therapy
  - b. Kegel exercises
  - c. Heat therapy
  - d. Transcutaneous electrical nerve stimulation (TENS)
20. The primary cause of osteoporosis in postmenopausal women is:
  - a. Hormonal imbalance
  - b. Sedentary lifestyle
  - c. Calcium deficiency
  - d. Estrogen deficiency

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**( Descriptive )**

Time : 2 hrs. 30 min.

Marks : 50

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

1. A 50 years old women is complaining of pain in the back. She has a sedentary life style of living and has a history of hip fracture recently as well as laboratory test shows decrease level of calcium and vit D. write physiotherapy assessment and management of the above mention condition. 10
2. Discuss the anatomy of pelvic floor muscle with diagram 10
3. A 46-year-old women has come to the clinic with a chief complaint of leakage of urine. She reports that she leaks urine when she coughs or sneezes. She is otherwise healthy, does not smoke, and takes no medications and she has history of significant three vaginal deliveries. Write in detail of the physiotherapy assessment and management of the above condition. 10
4. Explain Diastasis recti and its physiotherapy management 10
5. 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
6. Describe the ovarian cycle in details including its phases and diagram 10
7. A 36 years old lady complains persistent fever, weight loss, chronic diarrhea from one month ago. She has history of piercing needle during giving injection to the patient around 2 to 3 months ago as she is working as a nurse in the hospital. Write in detail of the physiotherapy assessment and management of the above condition. 10

8. Discuss the role of exercise in postnatal physiotherapy

10

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