

# P P SAVANI UNIVERSITY

Eight Semester of B. P.T. Examination

August 2021

SPPT 4070 Preventive & Community Physiotherapy

12.08.2021, Thursday

Time: 10 a.m. To 1:00 p.m.

Maximum Marks: 70

**Instructions:**

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.

**SECTION - I**

- Q - 1      Essay Question(Any One)      [10]**
- (i) Write definition of Impairments and Disability. Write about different disability models.
  - (ii) Write a note on different Ante-natal exercises. What are the aims and contra indications for antenatal exercises?
- Q - 2      Short Note(Any Two)      [10]**
- (i) Define Epidemiology. Aims of epidemiology. What is Incidence and Prevalence?
  - (ii) Define Community based rehabilitation. Write a note on CBR Team members.
  - (iii) Physiology of Aging.
- Q - 3      Very Short Notes(Any Five)      [15]**
- (i) Concept of health.
  - (ii) Define Stress and write preventive strategies.
  - (iii) Role of Physiotherapy in Geriatric care.
  - (iv) Osteoporosis and its management.
  - (v) CBR Matrix – Discuss Empowerment component.
  - (vi) Fertilization.
  - (vii) UNICEF.

**SECTION - II**

**Q - 1 Essay Question(Any One)**

**[10]**

- (i) A 45-Year-Old Female comes to the Physiotherapy OPD with the diagnosis of "Double Crush Syndrome" on Right side of the Upper Extremity. Evaluate the Disability for the Hand component and Total impairment for Upper Extremity in the patient.

- 1] Impairment of Arm - 21%  
2] Calculate Impairment % Of Hand Component:  
Pretension: 13%  
Loss of Sensation: 17%  
Strength: 20%

- A] FIND OUT IMPAIRMENTS OF HAND COMPONENT WITH GIVEN VALUES ABOVE.  
B] GIVE TOTAL UPPER EXTREMITY IMPAIRMENT %.

- (ii) Physiotherapy during labor.

**Q - 2 Short Note(Any Two)**

**[10]**

- (i) Aging with disability.  
(ii) Types of occupational hazards. Write physical hazards in detail.  
(iii) CBR Matrix - Discuss Health component in detail.

**Q - 3 Very Short Notes(Any Five)**

**[15]**

- (i) Levels of Prevention.  
(ii) Contraceptive Methods.  
(iii) Cohort studies.  
(iv) Prevention of Life style disorders.  
(v) Somatic mutation theory.  
(vi) CBR Vs IBR.  
(vii) Management of Dysarthria.

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