**King Saud University**

**Applied Medical Sciences College**

**Department of Health Rehabilitation Sciences**

**Occupational Therapy Program**

**Mid Term Exam**

Academic year 1434-1435H (2013-2014 G)

**Spring Semester**

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| **Course title:** Geriatric Occupational Therapy  **Course code and #:** RHS 338  **Course Instructor:** Ms. Asma alrushud |

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| **Exam date:** September 30, 2013  **Exam duration:** 45minutes  **Exam marks:** 15 marks  **Exam page numbers:**5 pages |

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| **Student Name:**  **University ID #:** |

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| **Signature** | **Student mark** | **Fall mark** | **Section** |
|  |  | 5 | **A** |
|  | 4 | **B** |
|  | 6 | **C** |
|  | 15 | **Total** |

*Best of luck*

*Course Instructor*

*Ms. Asma alrushud*

**(A) Put sign (√) for correct statement and sign (X) for the wrong one and correct it: (10X0. 5= 5marks)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Correction** | **Wrong word** | **Sign** | **Statement** | **#** |
|  |  |  | Aging is a process that is genetically determined and environmentally modulated. | **1** |
|  |  |  | Life expectancy is the average number of years of life in a given species. | **2** |
|  |  |  | Life span is the maximum number of years of life possible for that species. | **3** |
|  |  |  | Aging is unavoidable, but major physical impairment. | **4** |
|  |  |  | Despite an abundance of theories to explain the process of aging, its mechanisms remain a mystery. | **5** |
|  |  |  | It is well known that arteriosclerosis’ cardiovascular disease is usual in women before the menopause. | **6** |
|  |  |  | In healthy aging a subject’s slow decline in cognitive ability is accompanied by large  Changes in blood flow. | **7** |
|  |  |  | Glycosuria may therefore be misleading in the diagnosis only of diabetes mellitus in older persons. | **8** |
|  |  |  | Reversible changes in the function of most organs can be shown to occur by the third and fourth decades of life, with progressive deterioration with age. | **9** |
|  |  |  | Cardiac output decreases linearly after the third decade at a rate of about 10 % per year in normal subjects otherwise free of cardiac disease. Stroke volume is also reduced. | **10** |

**B-Choose the correct answer (8X 0. 5= one mark)**

**1-** It is normally refers to the study of the biological process of aging, not its medical consequences.

a) Geriatric

b) Aging

c) Gerontology

**2-** Is the branch of medicine concerned with the diagnosis, treatment and prevention of disease in older people and the problems specific to aging.

a) Geriatric

b) Aging

c) Gerontology

**3-** It is common that the systolic and sometimes the diastolic blood pressures

………..significantly with age due to …………… of the total peripheral resistance.

a) Increse, increase

b) Increse, decrease

c) Decrease, increase

**4-** Cardiovascular disease was a more frequent cause of death and morbidity in the hypertensive subjects older than ……….. of age than in younger subjects**.**

a) 45 years

b) 56 years

c) 65 years

**5-** Taste threshold decreases in linear fashion shortly after……………

a) Menopause

b) Maturity

c) 65 years

**6-** Beginning in the fourth decade there is a linear decline in …………………………. at a rate of about*1*0% per decade for women and 5% per decade for men.

**a)** Insulin absorption

**b)** Bone mass

**c)** Oestrogen levels

**7-** premenopausal women have a higher ratio of …………. density lipoproteins to …………… density lipoproteins than do post-menopausal women.

**a)** High, low

b) Low, high

**8)** Aging spot has explained by

**a)** Wear and tear theory

**b)** Free radical theory

**c)** Genetic control theory

**C- Enumerate the following (12x 0. 5= 6 marks)**

**1-** Features of ageing

a)

b)

c)

**2-** In absence of biochemical electricity at the organ and cellular ,we would not be able to:

a)

b)

c)

**3-** The areas of clinical consideration of aging in the autonomic system are:

a)

b)

c)

**4-** In elder people there is increase in incidence of pneumonia, both bacterial and viral infection due to:

a)

b)

c)