Fall,2013 Midterm Exam(RHS 338)

**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: Key answer**  **University ID #:** |

|  |  |  |  |
| --- | --- | --- | --- |
| **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** |
| Unusual | usual | × | It is well known that arteriosclerosis’ cardiovascular disease is usual in women before the menopause. | **6** |
| small | large | × | In healthy aging a subject’s slow decline in cognitive ability is accompanied by large  Changes in blood flow. | **7** |
| diagnosis and treatment | diagnosis only | × | Glycosuria may therefore be misleading in the diagnosis only of diabetes mellitus in older persons. | **8** |
| Irreversible | Reversible | × | 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** |
| 1 % | 10 % | × | 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

. Increase in mortality with age;

2. Physiological changes that typically lead

to a functional decline with age;

3. Increased susceptibility to certain

disease with age.

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

1. produce energy,

2. maintain immunity,

3. transmit nerve impulses,

4. synthesize hormones or even

5. contract our muscles

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

1. Bladder control

2. Gut motility

3. Postural hypotension

4. Thermoregulation

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

1. General depression of immune systemfunction

2. Aspiration of oropharyngeal secretions

3. The normal mechanical clearing of the tracheobronchial tree by the mucociliary

apparatus is significantly slower in older persons than in younger

4. Poor oral hygiene