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PG (NEW) CBCS
M.Sc. Semester-II Examination, 2020
NUTRITION & DIETETICS
PAPER: NUD 296
(PRACTICAL)

Full Marks: 30 **Time: 2 Hours**

Write the answer for each unit in separate sheet

NUD 296.1
Full Marks:15
Answer any one from the following questions

1. Planning and prepare a diet chart for pre-school children having age 3 years boy in high socio-economic status using following data.
   Body weight-13.5kg, Body Height-105cm according to EER.
   (Energy calculation-2, Food selection-2, Nutrient analaysis-2, Menu planning-3, Interpretation-1)
   EER=TEE+ENERGY DEPOSITION
   EER= 88.5-61.9×Age(year)+PA×(26.7×weight in kg+903×Height in m)+25(kcal for energy deposition)
   10

   or

   Planning and prepare a diet chart for infant having age 4 months baby boy from middle socio-economic family depending on breast feeding using following data.
   Body weight-6kg, according to EER.
   (Energy calculation-2, Food selection-2, Nutrient analaysis-2, Menu planning-3, Interpretation-1)
   EER=TEE+ENERGY DEPOSITION
   EER for 4-6 months= (89×Weight of infant in kg-100)+56(kcal for energy deposition)
   10

   or

   Planning and prepare a diet chart for school going children having age 8 years girl from middle socio-economic status using following data.
   Body weight-25kg, Body Height-124cm according to EER.
   (Energy calculation-2, Food selection-2, Nutrient analaysis-2, Menu planning-3, Interpretation-1)
   EER for girls 3 to 8 years
   EER=TEE+ENERGY DEPOSITION
   EER= 135.3-30.8×Age(year)+PA×(10×weight in kg+934×Height in m)+20(kcal for energy deposition) 10

2. Viva-voce. 5

(P.T.O.)

(2)

NUD 296.2

Full Marks:15

Answer any one from the following questions

1. Planning and prepare a diet chart for a gout patient using following data.
   Female, Age-35years, Body weight-67kg, Body Height-163cm according to REE.
   (Energy calculation-2, Food selection-2, Nutrient analaysis-2, Menu planning-3, Interpretation-1) 10

   or

   Planning and prepare a diet chart for a diabetic patient using following data.
   Male, Age-29years, Body weight-67kg, Body Height-173cm according to REE.
   (Energy calculation-2, Food selection-2, Nutrient analaysis-2, Menu planning-3, Interpretation-1) 10

   or

   Planning and prepare a diet chart for a atherosclerotic patient using following data.
   Male, Age-45years, Body weight-75kg, Body Height-180cm according to REE.
   (Energy calculation-2, Food selection-2, Nutrient analaysis-2, Menu planning-3, Interpretation-1) 10

   - **For Male:**
     REE= 66.5+13.75×(weight in kg)+5×(height in cm)-6.76×(age in years)
   - **For Female:**
     REE= 655+9.56×(weight in kg)+1.86×(height in cm)-4.68×(age in years)

2. Viva-voce. 5

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