

(4)

7. Describe the physiological changes and nutritional requirement during Pregnancy. $7\frac{1}{2}$

ieYeedemLee keā oejjeve Meejeefj keā heefj Jel etreelW Job heeseCeel cekeā
DeeJelMÙkeāleeDeellkeāe JeCete keāeepes-

Unit-IV/FkeāF-IV

8. Describe the growth pattern during infancy and nutrient needed in this phase. $7\frac{1}{2}$

MeMeLeeJemLee celllyeeuekeāes keāer Jeebe keāe JeCete keāeepes S Jeb Fme
DeJemLee keā oejjeve heesekeāeDe DeeJelMÙkeāleeDeellkeāe GuueKe keāeepes-

9. Give an account of : $2\frac{1}{2} \times 3 = 7\frac{1}{2}$

- (a) Packed Lunch
(b) One dish meal
(c) Nutrient needs of adolescents.

efrecve hej efShheCeer eueekes :

- (a) hekeā uebe
(b) Skeā JÙepeve Deerej
(c) ekeāMeesj eWkeāe

A

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B.Sc. (Part-I) Examination, 2015
CLINICAL NUTRITION & DIETETICS
Paper - I

(Basic Nutrition & Meal Management)

Time Allowed : Three Hours] [Maximum Marks : 50

Note : Answer Five questions in all. Question No. 1 is compulsory. Attempt one question from each Unit.

keāue heeBe ðelMveellkeā Gōej oepes- ðelMve meb 1 DeefJeeleW&nrW
ðelÙkeā FkeāF&mes Skeā ðelMve keāeepes

1. Comment upon the following: $2 \times 10 = 20$

efrecve hej efShheCeer eueekes:

- (a) Essential amino acid
DeeJelMÙkeā Deceeres Decue
(b) Reference Indian Man
mevoYe&Yeej Ieebe hejM-e
(c) Physiology of Lactation
oijDeceeeJe keāer keāeellkeāe

(2)

- (d) BMR
year Sce Deej
- (e) Functions of water in the body
ceveJe MejeJ cell/peue ka keaJel
- (f) Balanced diet
meleguele Deenej
- (g) Importance of fruits in the diet
Deenej cell/haueel/kae cenIJe
- (h) Complementary foods
heJ ka Deenej
- (i) Exclusive breast feeding
kaJuee mIeveheve
- (j) Marasmus
cej emceme

Unit-I / FkaeF-I

- 2. Give a comprehensive account of classification, sources and functions of proteins. 7 1/2
DeeSere ka Jeekeaj Ce, ceede SJe keaJeeX ka GuueKe kaapeS-
- 3. Give an account of : $2\frac{1}{2} \times 3 = 7\frac{1}{2}$
 - (a) Unavailable carbohydrates
 - (b) Essential fatty acids
 - (c) Digestion and absorption of fats.

(3)

expecveeueKee hej eShheCeer eueeKeS :

- (a) DeveheueyOe kaapeeF [S
- (b) DeeJemUekea JemeJle Decue
- (c) Jeme kea heeJee SJe DeJemeeCe

Unit-II / FkaeF-II

- 4. Classify Vitamins. Describe the role of Vitamin A in the body and its deficiency syndrome.

7 1/2

elSeceveeWkae Jeekeaj Ce kaapeS- MejeJ cell/eeceve S kea
Yetekeae SJe Fmekear nareepeeUe jeie kea JeeCe keapeS-

- 5. Give a detailed description of : $4 + 3\frac{1}{2} = 7\frac{1}{2}$

- (a) Iodine deficiency
- (b) Iron deficiency

el emIete elJeJ Ce oapeS :

- (a) DeeJeeSere naree
- (b) ueem IeJe kear naree

Unit-III / FkaeF-III

- 6. Describe the basic principles of meal planning and give the steps of meal planning 7 1/2
DeeneJ DeeJeepeve ka DeeDeeJ Yele emeevleel/kae elJeSvee kaapeS
SJe DeeneJ DeeJeepeve ke _____