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PG CBCS
M.Sc. Semester-II Examination, 2022
NUTRITION AND DIETETICS
 PAPER: NUD 201
 (NUTRITION THROUGH LIFE CYCLE AND GROWTH DEVELOPMENT)
Full Marks: 40 **Time: 2 Hours**

Write the answer for each unit in separate sheet

The figures in the right-hand margin indicate full marks.
 Candidates are required to give their answers in their own words as far as practicable.

UNIT: 13

NUTRITION THROUGH LIFE CYCLE

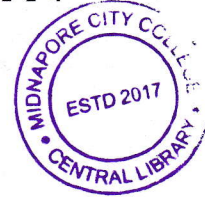
Marks: 20

GROUP-A

1. Answer any two questions:

2×2=4

- a) What do you mean by apnea of prematurity?
- b) What is FASD?
- c) What are the causes of failure to thrive (FTT) in toddlers?
- d) What do you mean by Senescence?



GROUP-B

2. Answer any two questions:

2×4=8

- a) What is IUGR? What are the potential causes of IUGR?
- b) Briefly describe the gastric gavage and transpyloric feeding method for the provision of enteral support to the preterm infant.
- c) Explain the role of ICDS in alleviating malnutrition in pre-school children.
- d) What is anorexia nervosa? Write the importance of nutrition therapy and counseling for the treatment of anorexia nervosa.

GROUP-C

3. Answer any one question:

1×8=8

- a) What is GDM? What is the major dietary modification required to manage GDM? Write the reason behind macrosomia in GDM.
- b) What is AMD? Write the importance of fruits and vegetables to delay or prevent the development of AMD. What do you mean by Pressure Ulcers?

(Turn Over)

(2)

UNIT: 14
GROWTH AND DEVELOPMENT

Marks: 20**GROUP-A****1. Answer any two questions:****2×2=4**

- a) What do you mean by body composition and how to calculate it?
- b) What is primitive stalk?
- c) Write the importance of SRY gene.
- d) Which parts of human body developed from Somites?

GROUP-B**2. Answer any two questions:****2×4=8**

- a) Discuss the process of development of bilaminar embryo disk?
- b) Discuss the role of nutrients in muscular growth.
- c) Role of nutrients and hormones in early development of gonads.
- d) Give a basic idea about cleavage.

GROUP-C**3. Answer any one question:****1×8=8**

- a) Write the different factors influencing growth and development. State about the changes of body composition in elderly people.
- b) Give a basic idea about the development of bone. Discuss the role of nutrients and hormones in bone development.
