Reg. No. |  |

**KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD**
**GNM SUPPLEMENTARY EXAMINATION - February 2016**
**1st Year Paper – I Bio-Science {Anatomy, Physiology and Microbiology}**
**[Note: Draw diagrams wherever necessary]**

**Time: 3 hours** **Max. Marks:75**

## SECTION-I

**I. Give the Meaning of the following** **1x4=4**

a) Flexion b)Enzyme c) Orifice d) Cardiac output

**II. Fill in the Blanks** **1x4=4**

a) Space between the two lungs in the thoracic cavity is known as _____
b) Supra renal gland is also called as_____
c) Insulin is secreted by _____ cells of the pancreas
d) _____is the covering membrane of the bone

**III. Write short notes on any FOUR of the following** **4x4=16**

a) Methods of Sterilization b) Muscles of the face and neck c) Types of immunity
d) Structure of the Femur e) Structure of the thyroid gland

**IV.** a) Name the organs of urinary system **2+5=7**
b) Explain the structure of the kidney with a neat labeled diagram

**V.** a) List the organs of Respiratory system 2+5= **7**
b) Explain the structure of lungs with a neat labeled diagram

## SECTION – II

**VI. State whether the following statements are TRUE or False** **1x3=3**

a) Rods and cones are photoreceptors of the eye.
b) Nucleus is the power house of the cell
c) Dermis is the superficial layer of the skin

**VII. Choose the correct answer and write** **1x4=4**

a) The movable bone in the skull is _____
i)Mandible ii) Maxilla iii) Vomer
b) Temporary teeth begin to erupt at the age of _____
i)1 year ii) 1½ year iii) 6 months
c) The largest part of the brain is_____
i)Mid brain ii)Cerebrum iii) Cerebellum
d) The first phase of cell division is _____
i) Anaphase ii)Metaphase iii)Prophase

**VIII. Write short notes on any FOUR of the following** **4x4=16**

a) Metabolism of proteins b) Functions of the skin c) Physiology of hearing
d) Composition of blood e) Menstrual cycle

**IX.** a) Define infection **1+6=7**
b) Explain the modes of transmission of infection

**X.** a) Draw a neat labeled diagram of the heart 3+**4=7**
b) Explain the conducting system of the heart

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**KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD**
**GNM SUPPLEMANTARY EXAMINATION – February 2016**
**1st Year Paper – II Behavioural Sciences { Psychology & Sociology}**

**Time: 3 hours** **Max. Marks:75**

**SECTION-I**

**I. Give the Meaning of the following** **1x4=4**

a) Habit b) Skill c) Learning d) Psychology

**II. Fill in the Blanks** **1x4=4**

a) _____is the unshakable false belief
b) False perception with presence of object is called_____
c) Classical conditioning theory of learning was proposed by _____
d) IQ of a moron is _____

**III. Write short notes on any FOUR of the following** **4x4=16**

a) Types of thinking b) Defense mechanisms
c) Maslow's Hierarchy of needs d) Emotions
e) Classification of personality

**IV.** a) Define Forgetting **1+6=7**
b) Explain the theories of forgetting

**V.** a) Define Learning **1+3+3=7**
b) Explain briefly the different types of learning
c) Discuss the factors influencing learning

**SECTION – II**

**VI. Fill in the blanks** **1x3=3**

a) The exploitation and maltreatment of children is called_____
b) An individual becomes accultured to the society is _____
c) _____ is referred as Father of Sociology

**VII. State whether the following statements are TRUE or FALSE** **1x4=4**

a) Family is a smallest unit of society
b) Scientific study of population is termed as demography
c) In India maximum of population lives in urban community
d) Economics deals with the human relationship in production, distribution and consumption.

**VIII. Write short notes on any THREE of the following** **5x3=15**

a) Difference between growth and development b) Types of family
c) Social control d)Alcoholism d) Social groups

**IX.** a) Define Population Explosion **1+3+4=8**
b) List the causes of population Explosion
c) Explain the measures to control population Explosion

**X.** a) Define social problems **1+2+4=7**
b) Enlist the common social problems
c) Explain the prostitution and its consequences.

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**KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD**
**GNM SUPPLEMENTARY EXAMINATION - February 2016**
**1st Year Paper – III Fundamentals of Nursing**
**{Fundamentals of Nursing, First Aid & Personal Hygiene }**

**Time: 3 hours** **Max. Marks:75**

**SECTION-I**

**I. Give the Meaning of the following** **1x4=4**
a) Anorexia b) Hypoxia c) Foot drops d) cyanosis

**II. Fill in the blanks** **1x4=4**
a) Inflammation of the oral mucous membrane is called_____
b) Total nursing care of a client is known as _____
c) Visual examination of the body is called _____
d) The condition of abnormally high blood pressure is called _____

**III. Write short notes on any FOUR of the following** **4x4=16**
a) Prevention of constipation
b) Comfort devices and their uses
c) Enema
d) Nurses role in relieving retention of urine
e) Routes of administration of medication

**IV.** a) Define Bed **1+2+4=7**
b) Name the different types of bed used in nursing.
c) Explain the procedure in preparing a post-operative bed.

**V.** a) Define mental health **1+2+4=7**
b) List the characteristics of a mentally healthy person
c) Discuss the promotion of Mental Health in Adolescents

**SECTION – II**

**VI. Choose the correct answer and write.** **1x3=3**
a) Increase in the depth of respiration is
i) Apnoea . ii) Orthopnoea iii) Hyperpnoea iv)Tachypnoea
b) Respiratory centre is situated in
i) Cerebrum ii) Medulla Oblongata iii) Mid brain iv)Hypothalamus
c) Sterilization by steam under pressure is called
i)Fumigation ii) Autoclaving iii) Hot air oven iv) Boiling

**VII. State whether the following statements are TRUE or FALSE** **1x4=4**
a) Drugs used to prevent Nausea and vomiting are Antiemetics
b) Painful micturition is called oliguria
c) One pint is equal to 500ml
d) Enuresis is the involuntary passing of urine during night time.

**VIII. Write short notes on any FOUR of the following** **4x4=16**
a) Care of the Rubber Goods b) Sitz bath and its purposes
c) Collection of specimen d) Nursing Measures to induce sleep
e) Characteristics of pulse.

**IX.** a) Define Catheterization **1+3+4=8**
b) List the indications for catheterization
c) Explain the procedure of catheterization of a female patient

**X.** a) Define First Aid **1+5=6**
b) Explain the first aid management of a patient with Haemorrhage.
OR
a) Define unconsciousness
b) Write the nursing care of a unconscious patient.

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**KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD**
**GNM SUPPLEMENTARY EXAMINATION – February 2016**
**1st Year Paper – IV Community Health Nursing -I**
**{Community health nursing, Environmental Hygiene, Health Education & Communication skill and Nutrition}**

**Time: 3 hours** **Max. Marks:75**

## SECTION-I

**I.** **Give the Meaning of the following** **1x4=4**
a)Epidemiology b) Demography c) Health d) Antenatal Care

**II.** **State whether the following statements are TRUE or FALSE** **1x4=4**
a) Malaria is an example for vector –borne disease
b) A packet of oral contraceptive pills contains 28 pills out of which 21 are contraceptives and 7 are calcium tablets.
c) Diabetes is a communicable disease
d) DPT is a triple antigen given against diphtheria, purtusis and tetanus.

**III.** **Write short notes on any FOUR of the following** **4x4=16**
a) Elements of primary health care.
b) Responsibilities of nurse in referral system
c) Permanent methods of family planning
d) Uses of records and reports
e) Importance of Community Health Nursing.

**IV.** a) Define Home Visiting **1+3+3=7**
b) Enumerate the principles of Home Visiting.
c) Explain the steps of Home Visiting.

**V.** a) Define MCH Care. 1**+6=7**
b) Explain the role of nurse in Mother and Child Health services.

## SECTION – II

**VI.** **Fill in the Blanks** **1x4=4**
a) Rickets is the deficiency disease of _____
b) The essential tool of communication is _____
c) Deficiency of iron leads to _____
d) The water testing apparatus is _____

**VII.** **State whether the following statements are TRUE or FALSE** **1x3=3**
a) Facial expression is a verbal communication .
b) Phosphorus is essential for the formation of bones and teeth.
c) Community noise level is usually measured in terms of Decibels.

**VIII.** **Write short notes on any FOUR of the following** **4x4=16**
a) Air pollution b) Methods of cooking.
c) Barriers of communication. d) Protein Energy Malnutrition
e) Disposal of solid waste

**IX.** a) Define Health Education. **1+3+3=7**
b) List the principles of Health Education.
c) Discuss the areas of Health Education in the community.

**X.** a) Define Audio Visual aids **1+6=7**
b)Explain the different types of a Audio Visual aids

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**KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD**
**GNM ANNUAL EXAMINATION - August 2016**
**1st Year Paper – I Bio-Science { Anatomy, Physiology and Microbiology}**
**[Note: Draw diagrams wherever necessary]**

Time: 3 hours Max. Marks: 75

**SECTION-I**

I. GivetheMeaningfortheFollowing: 1 x 4 = 4

a. Meosis b. Histology c. Diffusion d. Pasteurization

II. FillintheBlanks: 1 x 4 = 4

a. Middle layer of heart is called as _____
b. Cholera is caused by _____
c. The smallest bone in the body is _____
d. _____ is largest lymphatic organ.

III. Writeshortnotesonany Fourofthefollowing: 4 x 4 = 16

a. Structure of cell b. Microscope c. Trachea
d. Structure of Ear e. Femur

IV. a. List down the endocrine glands 2 + 5 = 7
b. Explain the structure of pituitary gland and its hormones

V. a. List the organs of Digestive system 3 + 4 = 7
b. Explain the structure of liver with a neat labeled diagram

**SECTION–II**

VI. Statewhetherthefollowingstatementsaretrueorfalse: 1 x 4 = 4 a.

Autoclaving is a method of disinfection.
b. Peritoneum is the covering membrane of heart.
c. Rabies is a Zoonotic disease.
d. Tetanus is caused by Clostridium tetani.

VII. Choosethecorrectanswerfromthefollowing: 1 x 3 = 3 a.

Normal duration of cardiac cycle is
i. 0.8 second ii. 0.6 sec iii. 1 minute.
b. The acid fast bacteria is
i. Mycobacterium tuberculosis ii. E coli iii. Salmonella typhi
c. The first part of Large intestine is
i. Caecum ii. Transverse colon iii. Sigmoid colon

VIII. Writeshortnotesonany Fourofthefollowing: 4 x 4 = 16

a. Blood Groups b. Cranial Nerves c. Functions of Bones
d. Cerebro spinal fluid e. Physiology of vision

IX. a. Define Immunity. 2 + 4 = 6
b. Explain the types of Immunity

X. a. List the types of Tissue. 3 + 5 = 8
b. Explain the functions of Muscular Tissue
Or
a. Draw a neat diagram of Heart.
b. Explain the conducting system of Heart

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**KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD**
**GNM ANNUAL EXAMINATION - August 2016**
**1st Year Paper – II Behavioural Sciences (Psychology & Sociology)**

Time: 3 hours Max. Marks: 75

**SECTION-I**

I. **WritetheMeaningfortheFollowing:** 1 x 4 = 4

a. Will Power b. Defence Mechanism c. Conflict d. Motivation

II. **FillintheBlanks:** 1 x 4 = 4

a. _____ is referred as father of psychology.
b. _____ is also known as day dreaming.
c. _____ attention does not require any conscious effort to attend to an object.
d. Formula for IQ _____

III. **WriteshortnotesonanyFourofthefollowing:** 4 x 4 = 16

a. Principles of Perception b. Individual differences in intelligence
c. Characteristics of a mentally healthy person d. Forgetfulness
e. Habit formation

IV. a. Define adjustment mechanism 1 + 2 + 4 = 7
b. List down the types of adjustment mechanism
c. Explain any four with examples of adjustment mechanism

V. a. Define Personality 1 + 3 + 3 = 7
b. Mention the types of personality
c. Explain the factors influencing personality

**SECTION–II**

VI. **FillintheBlanks:** 1 x 3 = 3

a. Society is formed by _____
b. Difference on social phenomenon over a period is termed as _____
c. Equal share to _____ on father's property.

VII. **Statewhetherthefollowingstatementsaretrueorfalse:** 1 x 4 = 4 a.

Family is one of the agencies of socialization.
b. Social problems are conditions promoting social wellbeing.
c. Sociology originated in 1839.
d. Socialization helps to prepare a person to fulfill social roles.

VIII. **WriteshortnotesonanyFourofthefollowing:** 4 x 4 = 16 a.

Types of Society b. Merits and Demerits of Caste system
c. Difference between joint family and nuclear family
d. Juvenile delinquency. e. Social Change

IX. a. Define Culture 1 + 2 + 4 = 7
b. List the functions of culture
c. Write the characteristics of culture

X. a. Define Socialization 1 + 2 + 4 = 7
b. Write the characteristics of socialization
c. Explain the agencies of socialization

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**KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD**
**GNM ANNUAL EXAMINATION - August 2016**
**1st Year Paper – III Fundamentals of Nursing**
**(Fundamentals of Nursing, First Aid & Personal Hygiene)**

**Time: 3 hours** **Max. Marks:75**

**SECTION-I**

I. **WritetheMeaningfortheFollowing:** 1 x 4 = 4

a. Emollient b. Asphyxia c. Splint d. Afebrile

II. **FillintheBlanks:** 1 x 4 = 4

a. The Primary source of data is _____
b. The Pioneer of Modern Nursing is _____
c. Lack of roughage in the diet leads to _____
d. Bleeding from nose is known as _____

III. **WriteshortnotesonanyFourofthefollowing:** 4 x 4 = 16

a. Nursing management of client with dehydration
b. Sterilization Techniques
c. Role of Nurse in discharge procedure
d. Menstrual hygiene
e. Care in Rigor

IV. a. Define Health 1 + 6 = 7
b. Explain about determinants of Health

V. a. Define Cross infection 1 + 2 + 4 = 7
b. List the prevention of cross infection
c. Explain about barrier nursing

or

a. Define Insomnia
b. List the causes for insomnia
c. Enumerate the nursing measures to induce insomnia

**SECTION–II**

VI. **Choosethecorrectanswerfromthefollowing:** 1 x 3 = 3 a.

Benedict's solution is used in test of
i. Urine for albumin ii. Urine for sugar iii. Urine for ketone bodies iv. Urine for reaction
b. Dyspneic patient can have the best position is
i. Prone position ii. Left Lateral iii. Supine position iv. Flower's position
c. Anoxia Means
i. Absence of $O_2$ in tissues ii. Presence of oxygen in tissues
iii. Lack of $O_2$ in tissues iv. Oxygen in blood

VII. **Statewhetherthefollowingstatementsaretrueorfalse:** 1 x 4 = 4

a. Random specimens are collected only at one time.
b. Poison can be neutralized by using specific antidotes.
c. Knee chest position is used to examine rectum.
d. Heat regulation centre is hypothalamus.

VIII. **WriteshortnotesonanyFourofthefollowing:** 4 x 4 = 16

a. Health Care Team b. Importance of records and reports
c. Cold applications d. Prevention of Decubitus Ulcer
e. Care of Body after death

IX. a. Define Incontinence of Urine 1 + 2 + 4 = 7
b. Enumerate the causes of incontinence of urine
c. Write various methods to prevent and treat incontinence of urine

X. a. Define Accidents. 1 + 2 + 4 = 7
b. What is the first aid management for accidents in case of conscious patients.
c. What is the first aid management for road traffic accidents.

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**KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD**

**GNM ANNUAL EXAMINATION - August 2016**

**1st Year Paper – IV Community Health Nursing -I**

**(Community health nursing, Environmental Hygiene, Health Education & Communication skill and Nutrition)**

**Time: 3 hours** **Max. Marks: 75**

**SECTION-I**

**I.** **WritetheMeaningoftheFollowing:** **1 x 4 = 4 a.**

Community b. Morbidity c. Health d. Postnatal Care

**II.** **Choosethecorrectanswerfromthefollowing:** **1 x 4 = 4 a.**

Best method for spacing is

i. Condom ii. Pessary iii. IUCD iv. Tubectomy

b. World health day is celebrated every year on

i. April 7th ii. June 10th iii. July 7th iv. November 14th

c. Which of the following is not a minor ailments.

i. Injuries ii. Chest Pain in a heart patient iii. Diarrhea

iv. Heat Stroke and fainting

d. Which of the following is the method used in physical examination

i. Palpation ii. Auscultation iii. Percussion iv. All of the above

**III.** **Writeshortnotesonany Fourofthefollowing:** **4 x 4 = 16 a.**

Under five clinic b. Characteristics of a healthy individual

c. Standing orders in case of fever and diarrhea d. Types of records

e. National immunization schedule

**IV.** a. Define Community Health Nurse **1 + 3 + 3 = 7**

b. Explain the goals and objectives of community health nurse

c. Write about the principles of community health nursing

**V.** a. Define Minor Ailments **1 + 6 = 7**

b. Explain the principles of managing minor ailments

or

a. Define Epidemiology

b. Explain the aims and importance of epidemiology.

**SECTION–II**

**VI.** **FillintheBlanks:** **1 x 4 = 4**

a. Deafness is caused by _____ pollution.

b. Typhoid is a _____ born disease.

c. Goiter is caused by deficiency of _____

d. The ideal number of member for group discussion is _____

**VII.** **Statewhetherthefollowingstatementsaretrueorfalse:** **1 x 3 = 3**

a. Dengue fever is due to the bite of aedes aegypti mosquito.

b. Thiamine is otherwise known as Vitamin B1.

c. Street play comes in the category of auditory aids.

**VIII.** **Writeshortnotesonany Threeofthefollowing:** **5 x 3 = 15**

a. Characteristics of Good Housing b. Explain the role of nurse in counselling

c. Explain the principles of health education d. Disinfection of well

**IX.** a. Define Nutrition **1 + 3 + 4 = 8**

b. Write the classification of Food

c. Explain about vitamin- A

**X.** a. What is refuse disposal? **1 + 6 = 7**

b. Explain briefly the different methods of refuse disposal

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